

ECTCONN®

AUTOMOTIVE CONNECTOR CATALOGUE

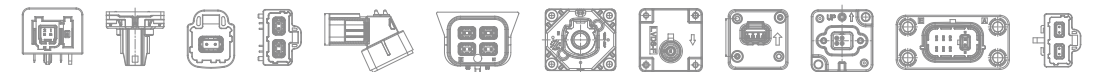


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Changing the life with science and technology

Driving the future with Connectivity

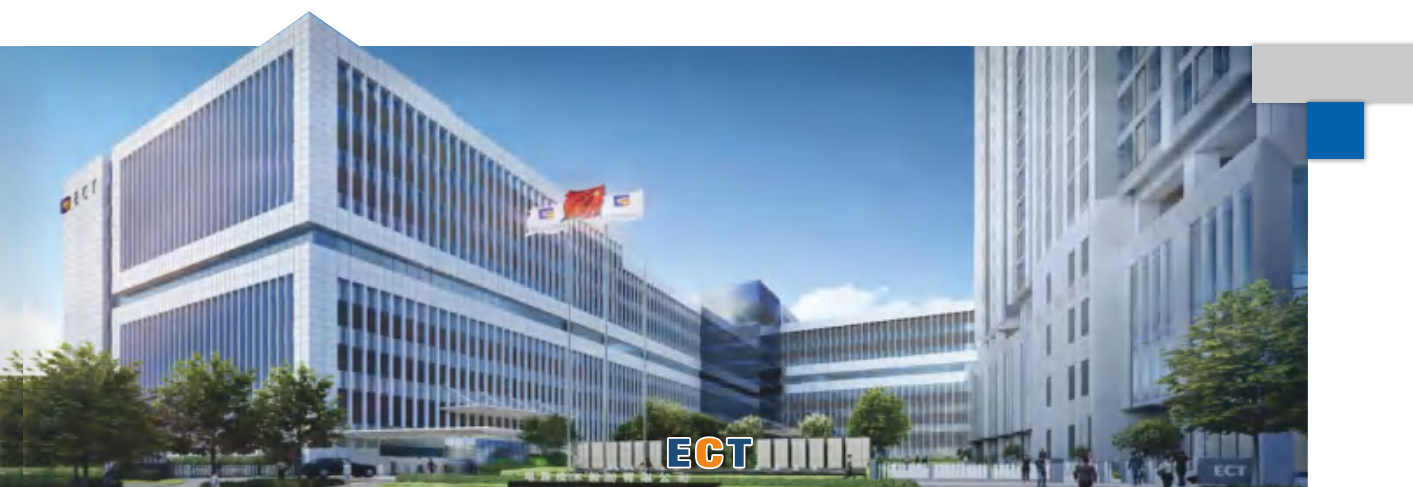
Provide Automotive Connector
and Its Solution for Global Customer





Provide Automotive Connector and Its Solution for Global Customer

Changing the life with science and technology
Driving the future with Connectivity



ECT Wordwide

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- Thailand (Samut Prakan)
- Vietnam(Bac Ninh)

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- United States (San Diego, Bay Area/San Jose)

Branches

- China (Shenzhen, Dongguan, Suzhou, Shanghai, Nanjing, Hefei, Xi'an, Hongkong)
- Thailand (Samut Prakan)
- Vietnam (Bac Ninh)

Office

- China (Chengdu, Xi'an, Beijing, Taipei, Suzhou)
- South Korea (Seoul)
- Japan (Yokohama)
- United States (San Diego, Bay Area/San Jose)

ABOUT ECT



**Provide Automotive Connector
and Its Solution for Global Customer**

Year 2006

Founded

422.384 Million CNY

Registering Capital

24

Global Branches

8000+

Employees Worldwide

Electric Connector Technology Co., Ltd. (ECT) was established in 2006 in Shenzhen China with a registered capital of 422.384 million RMB. The company has become public in 2017 at Shenzhen Stock Exchange Market, stock code 300679.SZ. Up to the beginning of 2024, we has 24 branches globally including Taiwan, Hongkong, South Korea, Japan, Thailand, Vietnam and US etc. with more than 8,000 employees worldwide.

After years of dedicated development, ECT has become a professional manufacturer in the fields of automotive connector, RF connector, antenna and electromagnetic shielding products, and our products are widely used in consumer electronics, IoT, communication equipments and automotive electronics and other fields. What's more important is that ECT has complete capability to design and deliver RF products with large volume from component to system level, and we are always committed to providing customers with one-stop RF solutions. ECT's RF connector and automobile high-speed connector have an important position and big market share in China, and with significant amount in global market.

ECT has passed ISO9001, ISO14001, IATF16949, ISO45001,ISO17025, QC080000 certification and the CNAS qualification audit and conformity assessment, we have excellent qualifications and will be dedicated to provide you with excellent service.



5G

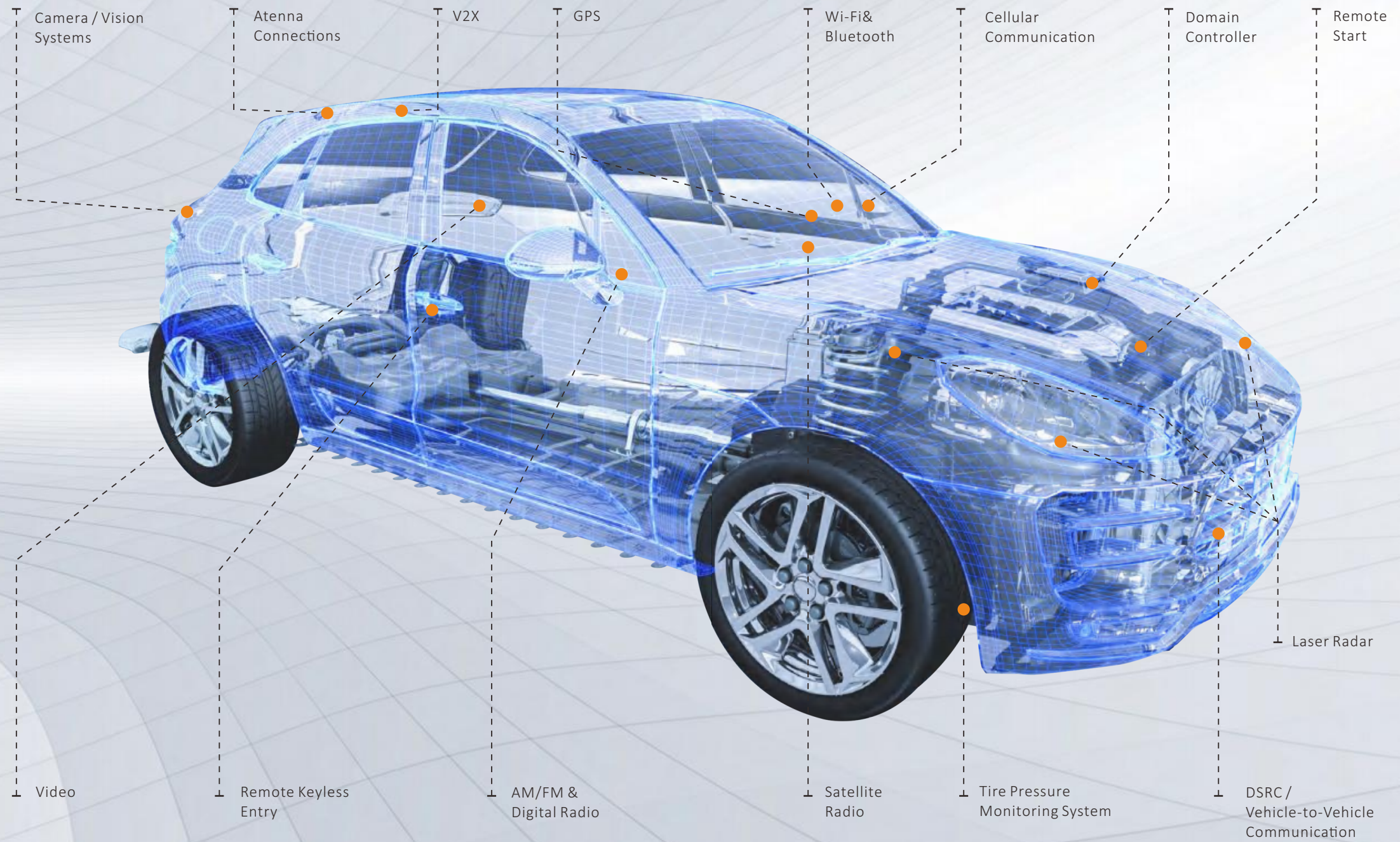


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Fakra Connector Series



01.1 Fakra PCB Plug Connector

Item	Product Name	Draw No.	Description	Image	Page
1	Fakra PCB Plug	600-12126-01	R/A, Short Type, L=20.95mm, ø=1.30mm, Foot Length=2.62mm, Type A~ Type Z with Reflow Soldering		45
2	Fakra PCB Plug	600-16531-02	R/A, L=20.95mm, ø=1.30mm, Foot Length=2.40mm, Type A~ Type Z with SMT		45
3	Fakra PCB Plug	600-11985-01	R/A, L=22.85mm, ø=1.30mm, Foot Length=4.0mm, Type A~ Type Z with Reflow Soldering		45
4	Fakra PCB Plug Dual	600-12074-01	Fakra PCB Connector, R/A, Dual, L=21.4mm, Type A~ Type Z with Reflow Soldering		46
5	Fakra PCB Plug	600-42996-01	Fakra Plug, V/T, H=15.05mm, ø=1.10mm, Foot Length=2.60mm, Type A~ Type Z with with Reflow Soldering		46
6	Fakra PCB Plug	600-36514-01	Fakra Plug, V/T, H=14.30mm, ø=1.10mm, Foot Length=3.90mm, Type A~ Type Z with Wave-soldering		46
7	Fakra PCB Plug	600-19650-01	Fakra Plug, V/T, H=15.50mm, ø=1.50mm, Foot Length=2.5mm, Type A~ Type Z with Reflow Soldering		47
8	Fakra PCB Plug	600-11015-01	Fakra Plug, V/T, H=18.45mm, ø=1.40mm, Foot Length=3.8mm, Type A~ Type Z with Wave Soldering		47
9	Fakra PCB Plug	600-13173-01	R/A, L=22.85mm, Short Lock, ø=1.30mm, Foot Length=2.00mm, Type A~ Type Z, High Temperature Resistance with Reflow Soldering		47
10	Fakra PCB Plug, Dual	600-16043-01	Fakra Plug, Dual, PCB Connector, V/T, H=18.90mm, Type A~ Type Z with Reflow Soldering		48
11	Fakra PCB Plug, Dual	600-48807-01	Fakra PCB Connector, R/A, Dual		48
12	Fakra 1+2 PCB Plug	600-14912-01	Fakra 1+2 Connector, V/T, Plug for PCB		48

Fakra Connector Series



01.1 Fakra PCB Plug Connector

Item	Product Name	Draw No.	Description	Image	Page
13	Fakra 1+2 PCB Plug	600-14899-01	Fakra 1+2 Connector, R/A, Plug for PCB		49
14	Fakra PCB Plug	600-17134-01	R/A, W=7.3mm, Type A~ Type Z		49
15	Fakra PCB Plug	600-31420-01	R/A, W=10.00mm, Type A~ Type Z		49
16	Fakra 1+2 PCB Plug	600-43057-01	Fakra 1+2 Connector, R/A, Plug for PCB (amphenol)		50
17	Fakra 1+2 PCB Plug	600-43040-01	Fakra 1+2 Connector, V/T, Plug for PCB (amphenol)		50

Fakra Connector Series



01.2 Fakra Cable Plug Connector

Item	Product Name	Draw No.	Description	Image	Page
1	Fakra Cable Plug Terminal	600-4816-02	Fakra III Cable Plug Terminal, Assy for Plug Connector (RG174/RG316)		51
2	Fakra Cable Plug Housing	600-10624-01	Fakra Cable Connector, Single Plug Housing, Type A~Type Z		51
3	Fakra Cable Plug	600-11628-01	Fakra Cable Connector, Plug with Metal Housing, Waterproof		51
4	Fakra Cable Double Plug Housing	600-10700-01	Fakra Cable Connector, Double Plug Housing, Type A~Type Z		52
5	Fakra Cable Plug	600-13084-01	Fakra Cable Connector, Plug, without Calbe Lock, Waterproof		52
6	Fakra Cable Plug	600-38147-01	Fakra Cable Connector, Plug, V/T, with Calbe Lock, Waterproof		52
7	Fakra Cable Plug	600-15482-02	Fakra Cable, Plug Housing, Quadruple		53
8	Fakra 1+2 Cable Plug	600-14890-01	Fakra 1+2 Cable Connector, Plug		53
9	Fakra Cable Plug Terminal	600-15843-01	Fakra II Plug Connector, Automata Version (RG174/RG316)		53
10	Fakra Cable Plug Housing	600-13216-01	Fakra Cable Connector, Single Plug Housing, Type A~Type Z		54
11	Fakra Cable Double Plug (with Cable Lock T0.8)	600-27875-01	Double Plug, L=26.10mm, W=17.50mm, H=15.85mm, Type A~ Type Z		54
12	Fakra Cable Double Plug (with Cable Lock T1.0)	600-28020-01	Double Plug, L=26.10mm, W=17.50mm, H=15.85mm, Type A~ Type Z		54



01.2 Fakra Cable Plug Connector

Item	Product Name	Draw No.	Description	Image	Page
13	Fakra Cable Plug Terminal	600-33312-01	Fakra II Plug Connector, Automata Version (RTK 031)		55
14	Fakra Cable Plug Terminal	600-41344-01	Fakra V Plug Connector, Automata Version (RG174/RG316)		55
15	Fakra Cable Plug Terminal	600-41345-01	Fakra V Plug Connector, Automata Version (RTK031)		55



01.3 Fakra Cable Jack Connector

Item	Product Name	Draw No.	Description	Image	Page
1	Fakra Cable Jack	600-11481-01	Fakra Cable Connector, Jack, Waterproof, Type A ~ Type Z		56
2	Fakra Cable Jack	600-12457-01	Fakra Cable Connector, Jack, V/T, with Cable Lock, Waterproof , Type A ~ Type Z		56
3	Fakra Cable Jack Housing	600-10590-01	Fakra Cable Connector, Single Jack Housing, without Cable Lock, Type A ~ Type Z		56
4	Fakra Cable Jack	600-11880-01	Fakra Cable Connector, Jack, R/A, Waterproof		57
5	Fakra Cable Jack	600-13585-01	Fakra Cable Connector, Jack, R/A, Waterproof		57
6	Fakra Cable Double Jack Housing	600-12957-01	Fakra Cable Housing, Double Jack Housing with Second Lock,Type A ~ Type Z		57
7	Fakra Cable Double Jack Housing	600-13507-01	Fakra Cable Housing, Double Jack Housing without Cable Lock,Type A ~ Type Z		58
8	Fakra Cable Jack	600-15481-01	Fakra Cable, Jack Housing, Quadruple		58
9	Fakra Cable Jack	600-14580-01	Fakra Cable Connector, Jack, R/A		58
10	Fakra Cable Jack	600-15795-01	Fakra Cable Connector, Jack, R/A, Waterproof, Type A~Type Z, 3.3		59
11	Fakra Cable Jack	600-15738-01	Fakra Cable, Jack Housing, Quadruple, with Lock		59
12	Fakra Cable Double Jack Housing	600-16224-01	Fakra Cable Housing, Double Jack Housing with Cable Lock, Type A ~ Type Z		59



01.3 Fakra Cable Jack Connector

Item	Product Name	Draw No.	Description	Image	Page
13	Fakra Cable Jack	600-15884-01	Fakra Cable Connector, Jack, R/A, 3.3		60
14	Fakra Cable Jack	600-14026-01	Fakra Cable Housing, Single Jack Housing, with Cable Lock, Type A ~ Type Z		60
15	Fakra Cable Jack	600-23762-01	Fakra Cable, Jack, R/A, L=13.4mm, W=9.5mm, Type A~ Type Z (RG174/RG316)		60
16	Fakra Cable Jack (Short Type)	600-25860-01	Fakra Cable, Jack, R/A, Waterproof, Type A~ Type Z (Short Type)		61
17	Fakra Cable Jack (Great Resistance)	600-30487-01	Fakra Cable, Jack, R/A, Waterproof, Water Blue, Type A~ Type Z for Not-Rotate		61
18	Fakra Cable Jack	600-12185-01	Fakra Cable, Jack, R/A, Waterproof, Type A~ Type Z		61
19	Fakra Cable Jack Terminal	600-33618-01	Fakra II Jack Connector, Automata Version (RG174/RG316)		62
20	Fakra Cable Jack Terminal	600-23104-01	Fakra IV Jack Terminal, Assy for Jack (RG174/RG316)		62
21	Fakra Cable Jack Terminal	600-26801-01	Fakra IV Jack Terminal, Assy for Jack (RTK031)		62
22	Fakra Cable Jack Terminal	600-33619-01	Fakra II Jack Connector, Automata Version (RTK031)		63
23	Fakra Cable Jack Terminal	600-41343-01	Fakra V Jack Connector, Automata Version (RTK031)		63



01.3 Fakra Cable Jack Connector

Item	Product Name	Draw No.	Description	Image	Page
24	Fakra Cable Jack Terminal	600-41342-01	Fakra V Jack Connector, Automata Version (RG174/RG316)		63
25	Fakra Cable Jack (Short Type)	600-44514-01	Fakra Cable, Jack, R/A, Waterproof, Type A~ Type Z (Short Type)		64
26	Fakra 1+2 Cable Jack	600-43068-01	Fakra 1+2 V/T Cable Connector,Jack		64
27	Fakra 1+2 Cable Jack	600-43574-01	Fakra 1+2 R/A Cable Connector,Jack		64

Mini Fakra Connector Series



02.1 MINI Fakra PCB Plug Connector

Item	Product Name	Draw No.	Description	Image	Page
1	R-MF PCB Plug	600-19569-01	Mini Fakra(R-MF) 1 Pos, PCB Connector Plug, R/A, Type A~ Type Z, Sealed		66
2	A-MF PCB Plug	600-36749-01	Mini Fakra(A-MF) 4 Pos PCB Connector Plug R/A Type A~ Type D Sealed		66
3	R-MF PCB Plug	600-26553-01	Mini Fakra(R-MF) 1 Pos, PCB Connector Plug, R/A, Type A~ Type Z, Unsealed		66
4	R-MF PCB Plug	600-26577-01	Mini Fakra(R-MF) 2 Pos, PCB Connector Plug, R/A, Type A~ Type Z, Unsealed		67
5	T-MF PCB Plug	600-14012-02	Mini Fakra(T-MF) 4 Pos PCB Connector Plug R/A Type A~ Type Z Unsealed		67
6	R-MF PCB Plug	600-37373-01	Mini Fakra(R-MF) 4 Pos PCB Connector Plug R/A Type A~ Type Z Unsealed		67
7	R-MF PCB Plug	600-48479-01	Mini Fakra(R-MF) 4Pos PCB Connector Plug V/T Type A~ Type Z Unsealed		68
8	A-MF PCB Plug	600-35774-01	Mini Fakra(A-MF) 4X4Pos PCB Connector Plug R/A Type A+B+C+D Sealed		68
9	R-MF PCB Plug	600-40453-01	Mini Fakra(R-MF) 1 Pos PCB Connector Plug V/T Type A~ Type Z Unsealed		68
10	R-MF PCB Plug	600-42887-01	Mini Fakra(R-MF) 2 Pos PCB Connector Plug V/T Type A~ Type Z Unsealed		69
11	R-MF PCB Plug	600-42334-01	Mini Fakra(R-MF) 2 Pos PCB Connector Plug R/A, Vertical row Type A~ Type Z Unsealed		69

Mini Fakra Connector Series



02.2 MINI Fakra Cable Plug Connector

Item	Product Name	Draw No.	Description	Image	Page
1	R-MF Cable Plug	600-19528-01	Mini Fakra(R-MF) 1 Pos, Cable Connector Plug, Type A~ Type Z, Sealed		70
2	R-MF Cable Plug	600-26840-01	Mini Fakra(R-MF) 1 Pos, Cable Connector Plug, Type A~ Type Z, Unsealed		70
3	R-MF Cable Plug	600-26841-01	Mini Fakra(R-MF) 1 Pos, Cable Connector Plug, Type A~ Type Z, Unsealed with Cable Lock		70
4	R-MF Cable Plug	600-26838-01	Mini Fakra(R-MF) 2 Pos, Cable Connector Plug, Type A~ Type Z, Unsealed		71
5	R-MF Cable Plug	600-26839-01	Mini Fakra(R-MF) 2 Pos, Cable Connector Plug, Type A~ Type Z, Unsealed with Cable Lock		71
6	R-MF Cable Plug (RTK031)	600-22916-01	Mini Fakra(R-MF) 4 Pos, Cable Connector Plug, Type A~ Type Z, Unsealed		71
7	R-MF Cable Plug (RTK031)	600-22968-01	Mini Fakra(R-MF) 4 Pos, Cable Connector Plug, Type A~ Type Z, Unsealed with Cable Lock		72
8	R-MF Cable Plug (RG174/RG316)	600-30600-01	Mini Fakra(R-MF) 4 Pos, Cable Connector Plug, Type A~ Type Z, Unsealed with Cable Lock		72
9	R-MF Cable Plug (RG174/RG316)	600-30607-01	Mini Fakra(R-MF) 4 Pos, Cable Connector Plug, Type A~ Type Z, Unsealed		72
10	T-MF Cable Piug (RTK031)	600-31160-01	Mini Fakra(T-MF) 4 Pos Cable Connector Plug Type A~ Type Z Unsealed with Cable Lock		73
11	T-MF Cable Piug (RTK031)	600-31167-01	Mini Fakra(T-MF) 4 Pos Cable Connector Plug Type A~ Type Z Unsealed		73
12	T-MF Cable Piug (RG174/RG316)	600-31146-01	Mini Fakra(T-MF) 4 Pos Cable Connector Plug Type A~ Type Z Unsealed with Cable Lock		73
13	T-MF Cable Plug (RG174/RG316)	600-31153-01	Mini Fakra(T-MF) 4 Pos Cable Connector Plug Type A~ Type Z Unsealed		74

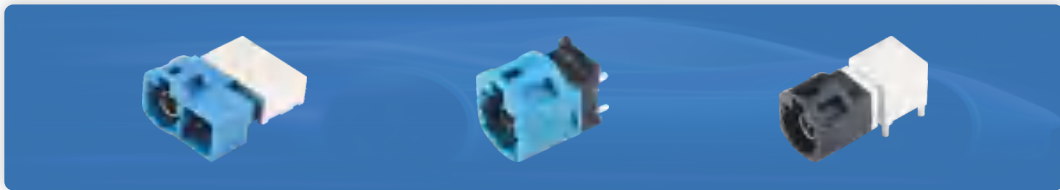
Mini Fakra Connector Series



02.3 MINI Fakra Cable Jack Connector

Item	Product Name	Draw No.	Description	Image	Page
1	R-MF Cable Jack	600-19529-01	Mini Fakra(R-MF) 1 Pos, Cable Connector Jack, Type A~ Type Z, Sealed		75
2	R-MF Cable Jack (RTK031)	600-26565-01	Mini Fakra(R-MF) 1 Pos, Cable Connector Jack, Type A~ Type Z, Unsealed		75
3	R-MF Cable Jack (RG174/RG316)	600-29835-01	Mini Fakra(R-MF) 1 Pos, Cable Connector Jack, Type A~ Type Z, Unsealed		75
4	R-MF Cable Jack (RTK031)	600-26589-01	Mini Fakra(R-MF) 2 Pos, Cable Connector Jack, Type A~ Type Z, Unsealed		76
5	R-MF Cable Jack (RG174/RG316)	600-29847-01	Mini Fakra(R-MF) 2 Pos, Cable Connector Jack, Type A~ Type Z, Unsealed		76
6	T-MF Cable Jack (RG174/RG316)	600-29626-01	Mini Fakra(T-MF) 4 Pos Cable Connector Jack Type A~ Type Z Unsealed		76
7	R-MF Cable Jack (RTK031)	600-29137-01	Mini Fakra(R-MF) 4 Pos Cable Connector Jack Type A~ Type Z Unsealed		77
8	A-MF Cable Jack	600-35779-01	Mini Fakra(A-MF) 4 Pos Cable Connector Jack Type A~ Type Z Sealed		77
9	R-MF Cable Jack (RG174/RG316)	600-35766-01	Mini Fakra(R-MF) 4 Pos Cable Connector Jack Type A~ Type Z Unsealed		77
10	T-MF Cable Jack (RTK031)	600-33538-01	Mini Fakra(T-MF) 4 Pos Cable Connector Jack Type A~ Type Z Unsealed		78
11	R-MF Cable Jack (RTK 031)	600-42341-01	Mini Fakra(R-MF) 2 Pos Cable Connector Jack Type A~ Type Z Unsealed		78
12	R-MF Cable Jack (RG174/RG316)	600-42907-01	Mini Fakra(R-MF) 2 Pos Cable Connector Jack Type A~ Type Z Unsealed		78

HSD Connector Series



03.1 HSD PCB Plug Connector

Item	Product Name	Draw No.	Description	Image	Page
1	HSD PCB Plug Connector	600-11482-01	4+4 Pin HSD, R/A, Plug for PCB		80
2	HSD PCB Plug Connector	600-11551-01	4+2 Pin HSD, R/A, Plug for PCB		80
3	HSD PCB Plug Connector	600-10893-01	4 Pin HSD, R/A, Plug for PCB		80
4	HSD PCB Plug Connector	600-13230-01	4 Pin HSD, V/T, Plug for PCB		81
5	HSD PCB Plug Connector	600-14719-01	4+2 Pin HSD, V/T, Plug for PCB		81
6	HSD PCB Plug Connector	600-13950-01	4 Pin HSD, R/A, Plug for PCB (Center Pin Height 5.0mm)		81
7	HSD PCB Plug Connector	600-18394-01	4 Pin HSD, V/T Type, PCB (5*5)		82
8	HSD PCB Plug Connector	600-18401-01	4+2 Pin HSD, V/T Type, PCB (5*5)		82
9	HSD PCB Plug Connector	600-13112-01	4 Pin HSD, R/A, Plug for PCB		82
10	HSD PCB Plug Connector	600-34011-01	4+2 Pin HSD, R/A, Plug for PCB		83

HSD Connector Series



03.2 HSD Cable Connector Series

Item	Product Name	Draw No.	Description	Image	Page
1	HSD Cable Connector	600-14390-01	HSD Cable, 4 Pin, Double Jack Connector		84
2	HSD Cable Connector	600-11429-01	HSD Cable, 4 Pin, Plug Connector		84
3	HSD Cable Connector	600-13148-01	HSD Cable, 4 Pin, Plug Connector(Without Clip)		84
4	HSD Cable Connector	600-13556-01	HSD Cable, 4 Pin, R/A, Jack Connector		85
5	HSD Cable Connector	600-15839-01	HSD Cable, 4+2 Pin, Plug Connector (With Clip)		85
6	HSD Cable Connector	600-15832-01	HSD Cable, 4+2 Pin, Plug Connector		85
7	HSD Cable Connector	600-15163-01	HSD Cable, 4+2 Pin, R/A, Jack Connector		86
8	HSD Cable Connector	600-52907-01	HSD Cable, 4 Pin, Jack Connector		86
9	HSD Cable Connector	600-53200-01	HSD Cable, 4+2 Pin, Jack Connector		86

HD Camera Connector Series



04.1 HD Camera Connector

Item	Product Name	Draw No.	Description	Image	Page
1	Fakra Sealed Adapter	600-11466-01	Fakra Plug to SMB Jack, (Conical Hole) IP67&IP69K		88
2	Fakra Sealed Adapter	600-12320-01	Fakra Plug to SMB Jack, (Counterbore Hole) IP67&IP69K		88
3	SMB Connector	600-17618-01	Fakra Plug to SMB Jack, (Conical Hole) IP67&IP69K		88
4	HD Camera Adaptor	600-14884-01	Fakra Plug to SMB Jack, (Conical Hole) IP67&IP69K		89
5	HD Camera Connector	600-15810-01	Fakra Plug to SMB Jack, (Conical Hole) IP67&IP69K		89
6	HD Camera Connector	600-28074-01	Fakra Plug to SMB Jack, (Conical Hole) IP67&IP69K		89
7	SMB Connector	600-16959-01	SMB for Cable Connector		90
8	SMB Cable Connector	600-11629-01	SMB for Cable Connector L=5.0mm,V/T Waterproof		90
9	SMB Cable Connector	600-12385-01	SMB for Cable Connector L=3.0mm,V/T Waterproof		90
10	SMB Cable Connector	600-11863-01	SMB for Cable Connector L=3.0mm,R/A Waterproof		91
11	SMB Cable Connector	600-11660-01	SMB for Cable Connector L=5.0mm,R/A Waterproof		91
12	HD Camera Connector	600-14676-01	SMB Male for PCB Mounting		91
13	HD Camera Connector	600-16034-01	SMB Male for PCB Mounting		92

HD Camera Connector Series



04.1 HD Camera Connector

Item	Product Name	Draw No.	Description	Image	Page
14	HD Camera Connector	600-10765-01	SMB Male for PCB Mounting		92
15	HD Camera Connector	600-28075-01	Camera PCB Connector SMB Male		92
16	HD Camera Connector	600-24072-01	Camera PCB Connector SMB Female		93
17	HD Camera Connector	600-27892-01	Camera Inner core H=11.80mm SMB to Fakra		93
18	HD Camera Connector	600-24653-01	Camera PCB Connector SMB Male		93
19	HD Camera Connector	600-15025-01	Camera Rear Cover		94
20	HD Camera Connector	600-15946-01	SD camera 4PIN 135°IP67		94
21	HD Camera Connector	600-16438-01	SD camera 4PIN 180°IP67		94
22	HD Camera Connector	600-24487-01	HD camera pigtail and rear housing Ip67		95
23	HD Camera Connector	600-14677-01	Fakra Plug to SMB Jack		95
24	HD Camera Connector	600-41144-01	23mm SQ. DC to 6 GHz Mating Height 16.28mm (PCB->Fakra Interface)		95
25	HD Camera Connector	600-24216-01	24.79mm SQ. DC to 6 GHz Mating Height 16.47mm (PCB->Fakra Interface)		96
26	HD Camera Connector	600-26071-01	23mm SQ. DC to 6 GHz Mating Height 19.62mm (PCB->Fakra Interface)		96

HD Camera Connector Series



04.1 HD Camera Connector

Item	Product Name	Draw No.	Description	Image	Page
27	HD Camera Connector	600-26072-01	HD camera Fakra plastic rear cover DC~6GHz IP67		96
28	HD Camera Connector	600-29634-01	25mm SQ. DC to 6 Ghz Mating Height 20.50mm (PCB->Fakra Interface)		97
29	HD Camera Connector	600-27412-01	HD camera Fakra metal rear cover DC~6GHz IP67		97
30	HD Camera Connector	600-27413-01	28mm SQ. DC to 6 GHz Mating Height 20.80mm (PCB->Fakra Interface)		97
31	HD Camera Connector	600-27415-01	28mm SQ. DC to 6 GHz Mating Height 18.90mm (PCB->Fakra Interface)		98
32	HD Camera Connector	600-28379-01	Camera Cap 22.90mm*22.90mm		98
33	HSD PCB Connector	600-13818-01	Camera Rear Cover Assembly		98
34	HD Camera Connector	600-32892-01	24mm SQ. DC to 6 GHz Mating Height 16.28mm (PCB->Fakra Interface)		99
35	HD Camera Connector	600-32893-01	23mm SQ. DC to 6 GHz Mating Height 16.56mm (PCB->Fakra Interface)		99
36	HD Camera Connector	600-33201-01	23mm SQ. DC to 6 GHz Mating Height 20.50mm (PCB->Fakra Interface)		99
37	HD Camera Connector	600-34652-01	25mm SQ. DC to 6 GHz Mating Height 16.47mm (PCB->Fakra Interface)		100
38	HD Camera Connector	600-34780-01	23mm SQ. DC to 6 GHz Mating Height 20.73mm (PCB->Fakra Interface)		100
39	HD Camera Connector	600-41753-01	HD camera floating pigtail and metal rear housing DC~6GHz IP67		100



04.1 HD Camera Connector

Item	Product Name	Draw No.	Description	Image	Page
40	HD Camera Connector	600-41773-01	Camera PCB Connector SMB Female		101
41	HD Camera Connector	600-37809-01	23mm SQ. DC to 6 GHz Mating Height 16.28mm (PCB->Fakra Interface)		101
42	HD Camera Connector	600-37810-01	23mm SQ. DC to 6 GHz Mating Height 16.28mm (PCB->Fakra Interface)		101
43	HD Camera Connector	600-39085-01	25mm SQ. DC to 6 GHz Mating Height 19.40mm (PCB->Fakra Interface)		102
44	HD Camera Connector	600-39918-01	23mm SQ. DC to 6 GHz Mating Height 17.38mm (PCB->Fakra Interface)		102
45	HD Camera Connector	600-14710-01	23mm SQ. DC to 6 GHz Mating Height 20.50mm (PCB->Fakra Interface)		102
46	HD Camera Connector	600-23435-01	23mm SQ. DC to 6 GHz Mating Height 20.50mm (PCB->Fakra Interface)		103
47	HD Camera Connector	600-29684-01	23mm SQ. DC to 6 GHz Mating Height 21.00mm (PCB->Fakra Interface)		103
48	HD Camera Connector	600-32844-01	24mm SQ. DC to 6 GHz Mating Height 19.40mm (PCB->Fakra Interface)		103
49	HD Camera Connector	600-35479-01	23mm SQ. DC to 6 GHz Mating Height 17.40mm (PCB->Fakra Interface)		104



04.1 HD Camera Connector

Item	Product Name	Draw No.	Description	Image	Page
50	HD Camera Connector	600-36996-01	24mm SQ. DC to 6 GHz Mating Height 15.40mm (PCB->Fakra Interface)		104
51	HD Camera Connector	600-27417-01	23mm SQ. DC to 6 GHz Mating Height 20.50mm (PCB->Fakra Interface)		104
52	HD Camera Connector	600-32707-01	23mm SQ. DC to 6 GHz		105
53	HD Camera Connector	600-42494-01	23mm SQ. DC to 6 GHz Mating Height 16.55mm (PCB->Fakra Interface)		105
54	HD Camera Connector	600-42495-01	23mm SQ. DC to 6 GHz Mating Height 16.55mm (PCB->Fakra Interface)		105
55	HD Camera Connector	600-42460-01	23mm SQ. DC to 6 GHz Mating Height 19.50mm (PCB->Fakra Interface)		106
56	HD Camera Connector	600-42461-01	23mm SQ. DC to 6 GHz Mating Height 20.51mm (PCB->Fakra Interface)		106
57	HD Camera Connector	600-44989-01	23mm SQ. DC to 6 GHz Mating Height 20.47mm (PCB->Fakra Interface)		106
58	HD Camera Connector	600-42225-01	23mm SQ. DC to 6 GHz Mating Height 18.20mm (PCB->Fakra Interface)		107
59	HD Camera Connector	600-33505-01	Fakra To SMB Jack, L=7.1mm		107

HD Camera Connector Series



04.1 HD Camera Connector

Item	Product Name	Draw No.	Description	Image	Page
60	HD Camera Connector	600-33506-01	SMB for Cable Connector L=6.76mm		107
61	HD Camera Connector	600-33507-01	SMB for Cable Connector L=6.76mm		108
62	HD Camera Connector	600-45138-01	23mm SQ. DC to 6 GHz Mating Height 18.20mm (PCB->Fakra Interface)		108

Lidar Connector Series



05.1 Lidar Connector

Item	Product Name	Draw No.	Description	Image	Page
1	Lidar Connector	600-18317-01	Lidar Cable Connector Jack (2 Signal+6 Power) Sealed		110
2	Lidar Connector	600-29793-01	Lidar Bend Cable Connector Jack (2 Signal+6 Power) Sealed		110
3	Lidar Connector	600-18316-01	Lidar Connector Plug V/T, (2 Signal+6 Power)		110
4	Lidar Connector	600-18316-02	Lidar Power Male Terminal L=21.4mm, W=1.8mm, H=0.97mm		111
5	Lidar Connector	600-37754-01	Lidar Connector Plug V/T, (2Signal+6Power), 2-hole		111
6	Lidar Connector	600-42747-01	TE-Lidar Cable Connector Jack (2Signal+6Power) Sealed		111
7	Lidar Connector	600-42748-01	TE-Lidar Connector Plug V/T, (2Signal+6Power)4-hole		112



06.1 Ethernet PCB Plug Connector

Item	Product Name	Draw No.	Description	Image	Page
1	A-ETH PCB Plug Connector	600-18539-01	A-ETH 1 Port PCB Connector Type A~ Type Z		114
2	A-ETH PCB Plug Connector	600-32623-01	A-ETH 1 Port PCB Connector Type A~ Type Z		114
3	T-ETH PCB Connector	600-44334-01	T-ETH 1 Port PCB Connector Type A~ Type Z		114
4	T-ETH PCB Plug Connector	600-25319-01	T-ETH 1 Port PCB Connector Type A~ Type Z		115
5	R-ETH PCB Plug Connector	600-30876-01	R-ETH 1 Port PCB Connector Type A~ Type Z		115
6	R-ETH PCB Plug Connector	600-31810-01	R-ETH 2 Port PCB Connector Type A~ Type Z		115
7	A-ETH PCB Plug Connector	600-26939-01	A-ETH 2 Port PCB Connector Type A~ Type Z		116
8	A-ETH PCB Plug Connector	600-18068-01	A-ETH 2x2 Port PCB Connector Type A~ Type Z		116
9	A-ETH PCB Plug Connector	600-27069-01	A-ETH 2x2 Port PCB Connector Type A~ Type Z		116
10	A-ETH PCB Plug Connector	600-28183-01	A-ETH 2x3 Port PCB Connector Type A~ Type Z		117
11	T-ETH PCB Plug Connector	600-25314-01	T-ETH 3 Port PCB Connector Type A~ Type Z		117



06.1 Ethernet PCB Plug Connector

Item	Product Name	Draw No.	Description	Image	Page
12	R-ETH PCB Plug Connector	600-40591-01	R-ETH 1 Port PCB Connector, V/T Type A~ Type Z		117
13	A-ETH PCB Plug Connector	600-35773-01	A-ETH 2 Port PCB Connector, V/T Type A~ Type Z		118
14	R-ETH PCB Plug Connector	600-42873-01	R-ETH 4 Port PCB Connector, V/T Type A~ Type Z		118
15	R-ETH PCB Plug Connector	600-34887-01	R-ETH 4 Port PCB Connector, R/A Type A~ Type Z		118
16	R-ETH PCB Plug Connector	600-35060-01	R-ETH 6 Port PCB Connector, R/A Type A~ Type Z		119
17	R-ETH PCB Plug Connector	600-36620-01	R-ETH 6 Port PCB Connector, V/T Type A~ Type Z		119
18	P-ETH PCB Plug Connector	600-34225-01	P-ETH 1 Port PCB Connector, V/T Type A~ Type Z		119
19	P-ETH PCB Plug Connector	600-34235-01	P-ETH 1 Port PCB Connector, R/A Type A~ Type Z		120
20	D-ETH PCB Plug Connector	600-45094-01	D-ETH 1Port PCB Connector Type A~ Type F		120
21	R-ETH PCB Plug Connector	600-56029-01	R-ETH 1Port PCB Connector, R/A Type A~ Type Z		120
22	T-ETH PCB Plug Connector	600-45663-01	T-ETH 2Port PCB Connector Type A~ Type Z		121



06.2 Ethernet Cable Plug Connector

Item	Product Name	Draw No.	Description	Image	Page
1	A-ETH Cable Plug Connector	600-19535-01	A-ETH 1 Port Cable Connector Plug Sealed Type A~ Type Z		122
2	A-ETH Cable Plug Connector	600-30405-01	A-ETH 1 Port Cable Connector Plug Sealed Type A~ Type Z with Lock		122
3	A-ETH Cable Plug Connector	600-26759-01	A-ETH 1 Port Cable Connector Plug Type A~ Type Z		122
4	A-ETH Cable Plug Connector	600-26773-01	A-ETH 1 Port Cable Connector Plug with Lock Type A~ Type Z		123
5	T-ETH Cable Plug Connector	600-24948-01	T-ETH 1 Port Cable Connector Plug Type A~ Type Z		123
6	R-ETH Cable Plug Connector	600-30904-01	R-ETH 1 Port Cable Connector Plug Type A~ Type Z		123
7	R-ETH Cable Plug Connector	600-30918-01	R-ETH 1 Port Cable Connector Plug Type A~ Type Z with Lock		124
8	A-ETH Cable Plug Connector	600-26953-01	A-ETH 2 Port Cable Connector Plug Type A~ Type Z		124
9	A-ETH Cable Plug Connector	600-26960-01	A-ETH 2 Port Cable Connector Plug with Lock Type A~ Type Z		124
10	R-ETH Cable Plug Connector	600-31838-01	R-ETH 2 Port Cable Connector Plug Type A~ Type Z		125
11	R-ETH Cable Plug Connector	600-31852-01	R-ETH 2 Port Cable Connector Plug Type A~ Type Z with Lock		125
12	A-ETH Cable Plug Connector	600-27131-01	A-ETH 2x2 Port Cable Connector Plug Type A~ Type Z		125
13	A-ETH Cable Plug Connector	600-27124-01	A-ETH 2x2 Port Cable Connector Plug with Lock Type A~ Type Z		126



06.3 Ethernet Cable Jack Connector

Item	Product Name	Draw No.	Description	Image	Page
1	A-ETH Cable Jack Connector	600-19555-01	A-ETH 1 Port Cable Connector Jack Type A~ Type Z		127
2	A-ETH Cable Jack Connector	600-19534-01	A-ETH 1 Port Cable Connector Jack Sealed Type A~ Type Z		127
3	T-ETH Cable Jack Connector	600-24943-01	T-ETH 1 Port Cable Connector Jack Type A~ Type Z		127
4	R-ETH Cable Jack Connector	600-30890-01	R-ETH 1 Port Cable Connector Jack Type A~ Type Z		128
5	T-ETH Cable Jack Connector	600-24938-01	T-ETH 1 Port Cable Connector Jack Type A~ Type Z		128
6	T-ETH Cable Jack Connector	600-27306-01	T-ETH 1 Port Cable Connector Jack Type A		128
7	T-ETH Cable Jack Connector	600-27246-01	T-ETH 2 Port Cable Connector Jack Type A~ Type Z		129
8	R-ETH Cable Jack Connector	600-31824-01	R-ETH 2 Port Cable Connector Jack Type A~ Type Z		129
9	A-ETH Cable Jack Connector	600-26940-01	A-ETH 2 Port Cable Connector Jack Type A~ Type Z		129
10	A-ETH Cable Jack Connector	600-18060-01	A-ETH 2x2 Port Cable Connector Jack Sealed Type A~ Type Z		130
11	A-ETH Cable Jack Connector	600-22794-01	A-ETH 2x2 Port Cable Connector Jack Sealed Type Z		130
12	A-ETH Cable Jack Connector	600-27171-01	A-ETH 2x2 Port Cable Connector Jack Type A~ Type Z		130
13	A-ETH Cable Jack Connector	600-29068-01	A-ETH 2x3 Port Cable Connector Jack Type A~ Type Z		131

Ethernet Connector Series



06.3 Ethernet Cable Jack Connector

Item	Product Name	Draw No.	Description	Image	Page
14	T-ETH Cable Jack Connector	600-27251-01	T-ETH 2x3 Port Cable Connector Jack Type A~ Type Z		131
15	T-ETH Cable Jack Connector	600-25309-01	T-ETH 3 Port Cable Connector Jack Type A~ Type Z		131
16	T-ETH Cable Jack Connector	600-31681-01	T-ETH 5 Port Cable Connector Jack Type A~ Type Z		132
17	R-ETH Cable Jack Connector	600-34901-01	R-ETH 4 Port Cable Connector Jack Type A~ Type Z		132
18	R-ETH Cable Jack Connector	600-35072-01	R-ETH 6 Port Cable Connector Jack Type A~ Type Z		132
19	T-ETH Cable Jack Connector	600-47687-01	T-ETH 4Port Cable Connector Jack Type A~ Type B		133
20	D-ETH Cable Jack Connector	600-45109-01	D-ETH 1Port Cable Connector Jack Type A~ Type F		133

USB Connector Series



07.1 USB Connector

Item	Product Name	Draw No.	Description	Image	Page
1	HSL PCB Connector	600-40932-01	4 Pin, HSL Receptacle, R/A, SMT for PCB		135
2	HSL PCB Connector	600-13610-01	4 Pin, HSL Receptacle, V/T, DIP for PCB		135
3	HSL Cable Connector	600-13272-01	4 Pin, HSL Jack, V/A for Cable		135
4	HSL Cable Connector	600-13502-01	4 Pin, HSL Receptacle, V/A for Cable		136
5	USB Cable Jack	600-21307-01	4 Pin Jack L=28.35mm, W7.8mm, H11.2mm, Type S~ Type D		136
6	USB PCB Connector	600-21312-01	4 Pin R/A Connector, L=12.8mm, W8.3mm, H15.7mm, Type S~ Type D		136
7	USB PCB Connector	600-31862-01	4 Pin R/A Connector, L=14.75mm, W15.45mm, H8.57mm, Type A~ Type D		137
8	USB Cable Jack	600-31866-01	4 Pin Jack L=31.05mm, W8.7mm, H16.23mm, Type A~ Type D		137
9	USB Cable Jack	600-26499-01	USB 2.0 A/F Connector L=49.3mm, W19mm, H27.8mm		137
10	USB Cable Jack	600-25090-01	USB 2.0 A/F Connector L=40.1mm, W11.4mm, H23.6mm		138
11	USB Type-C REC for Board SMT	600-43385-01	L=23.66mm, W=14.35mm, H=12.20mm, Type A~ Type Z with PCB		138

USB Connector Series



07.1 USB Connector

Item	Product Name	Draw No.	Description	Image	Page
12	Type-C Plug 180° Cable Connector	600-45905-01	L=43.69mm, W=14.35mm,H=13.05mm, Type A~ Type Z		138
13	Type-C Plug 90° Cable Connector	600-45906-01	L=35.85mm, W=35.65mm,H=13.05mm, Type A~ Type Z		139
14	Type-C Female Cable Connector	600-45907-01	L=52.35mm, W=17.20mm,H=15.80mm, Type A~ Type Z		139

SMA/SSMA/MCX/MMCX Connector Series



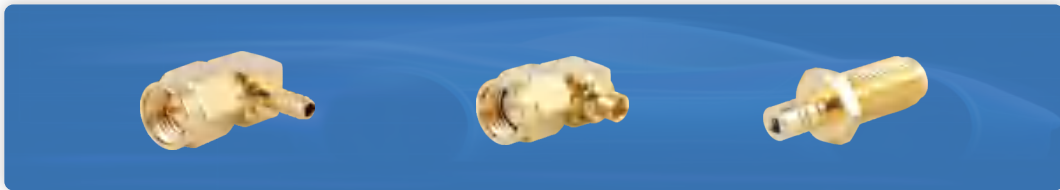
08.1 SMA Connector

Item	Product Name	Draw No.	Description	Image	Page
1	SMA PCB Jack	600-29084-01	SMA PCB Connector, 1.2mm Thick PCB		141
2	SMA PCB Jack	600-16437-01	SMA PCB Connector, 1.6mm Thick PCB		141
3	SMA PCB Jack	600-23094-01	SMA PCB Connector, 2.0mm Thick PCB		141
4	SMA PCB Jack	600-18238-01	SMA PCB Connector, 2 Hole Flange Mount W/Spring PIN for Stripling		142
5	SMA PCB Jack	600-35797-01	SMA PCB Connector, 2 Hole Flange with Mounting Screws		142
6	SMA PCB Jack	600-35798-01	SMA PCB Connector, 2 Hole Flange with Mounting Screws		142
7	SMA PCB Jack	600-24924-01	SMA PCB Connector, PCB end Launch		143
8	SMA PCB Jack	600-02778-01	SMA Jack for PCB Connector		143
9	SMA PCB Jack	600-16386-01	SMA PCB Connector, PCB through Hole		143
10	SMA PCB Jack	600-U245-01	SMA PCB Connector, PCB through Hole		144
11	SMA PCB Jack	600-2020-01	SMA PCB Connector, PCB through Hole		144



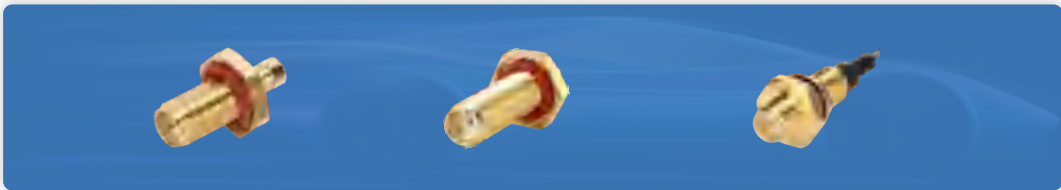
08.1 SMA Connector

Item	Product Name	Draw No.	Description	Image	Page
12	SMA PCB Jack	600-38450-01	SMA PCB Connector, PCB through Hole		144
13	SMA PCB Jack	600-18727-01	SMA PCB Connector, PCB through Hole		145
14	SMA PCB Jack	600-26350-01	SMA PCB Connector, PCB through Hole		145
15	SMA PCB Jack	600-17050-01	SMA PCB Connector, PCB through Hole		145
16	SMA Cable Plug	600-35805-01	SMA Cable Connector, 302-3		146
17	SMA Cable Plug	600-34528-01	SMA Cable Connector, 0.81		146
		600-34529-01	SMA Cable Connector, 1.13		
		600-34530-01	SMA Cable Connector, 1.37		
		600-34531-01	SMA Cable Connector, RG178		
18	SMA Cable Plug	600-2873-01	SMA Cable Connector, RG174, RG316, LMR100		146
19	SMA Cable Plug	600-35806-01	SMA Cable Connector, RG174, RG316, LMR100		147
20	SMA Cable Plug	600-35807-01	SMA Cable Connector, 086, RG405		147



08.1 SMA Connector

Item	Product Name	Draw No.	Description	Image	Page
21	SMA Cable Jack	600-35808-01	SMA Cable Connector, 086, RG405		147
22	SMA Cable Plug	600-47213-01	SMA Cable Connector, RG58, LMR195		148
23	SMA Cable Plug	600-47214-01	SMA Cable Connector, RG58, LMR195		148
24	SMA Cable Plug	600-16758-01	SMA Cable Connector, 0.81		148
		600-16171-01	SMA Cable Connector, 1.13		
		600-16766-01	SMA Cable Connector, 1.37		
		600-17225-01	SMA Cable Connector, RG178		
25	SMA Cable Jack	600-33551-01	SMA Cable Connector, 0.81		149
		600-17010-01	SMA Cable Connector, 1.13		
		600-33853-01	SMA Cable Connector, 1.37		
		600-33854-01	SMA Cable Connector, RG178		
26	SMA Cable Jack, Thread Length: 10.5mm	600-38940-01	SMA Cable Connector, Waterproof, 0.81		149
		600-38941-01	SMA Cable Connector, Waterproof, 1.13		
		600-38942-01	SMA Cable Connector, Waterproof, 1.37		
		600-38943-01	SMA Cable Connector, Waterproof, RG178		



08.1 SMA Connector

Item	Product Name	Draw No.	Description	Image	Page
27	RP-SMA Cable Jack, Thread Length: 10.5mm	600-38944-01	RP-SMA Cable Connector, Waterproof, 0.81		149
		600-38945-01	RP-SMA Cable Connector, Waterproof, 1.13		
		600-38946-01	RP-SMA Cable Connector, Waterproof, 1.37		
		600-38947-01	RP-SMA Cable Connector, Waterproof, RG178		
28	SMA Cable Jack	600-33552-01	SMA Cable Connector, Waterproof, 0.81		150
		600-33553-01	SMA Cable Connector, Waterproof, 1.13		
		600-33554-01	SMA Cable Connector, Waterproof, 1.37		
		600-33555-01	SMA Cable Connector, Waterproof, RG178		
29	RP-SMA Cable Jack Thread Length: 12.0mm	600-38974-01	SMA Cable Connector, Waterproof, 0.81		150
		600-38975-01	SMA Cable Connector, Waterproof, 1.13		
		600-38976-01	SMA Cable Connector, Waterproof, 1.37		
		600-38977-01	SMA Cable Connector, Waterproof, RG178		
30	SMA Cable Jack	600-47210-01	SMA Cable Connector, 1.37		150
31	SMA Cable Jack	600-47211-01	SMA Cable Connector, 1.37		151
32	SMA Cable Jack	600-34160-01	SMA Cable Connector, RG174, RG316, LMR100		151
33	SMA Cable Jack	600-47212-01	SMA Cable Connector, RG58, LMR195		151



08.1 SMA Connector

Item	Product Name	Draw No.	Description	Image	Page
34	SMA Cable Jack	600-32317-01	SMA Cable Connector, 302-3		152
35	SMA Adapters	600-23604-01	SMA Female to SMA Male Adapters (Quick-Connect)		152
36	SMA Adapters	600-U772-01	SMA Female to SMA Female Adapters		152



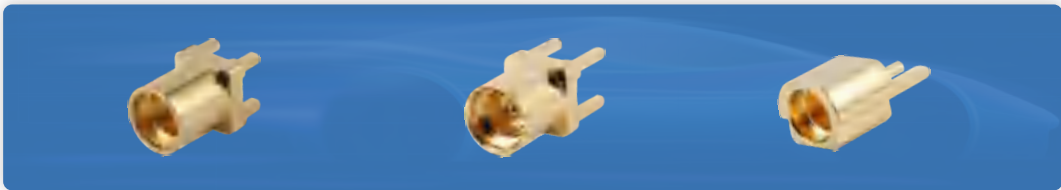
08.2 SSMA Connector

Item	Product Name	Draw No.	Description	Image	Page
1	SSMA Cable Plug	600-35822-01	SSMA Cable Connector, 0.81		153
		600-35823-01	SSMA Cable Connector, 1.13		
		600-35824-01	SSMA Cable Connector, 1.37		
		600-35825-01	SSMA Cable Connector, RG178		
2	SSMA Cable Plug	600-35827-01	SSMA Cable Connector, RG174, RG316, LMR100		153
3	SSMA Cable Plug	600-35830-01	SSMA Cable Connector, 086, RG405		153
4	SSMA Cable Jack	600-35818-01	SSMA Cable Connector, 0.81		154
		600-35819-01	SSMA Cable Connector, 1.13		
		600-35820-01	SSMA Cable Connector, 1.37		
		600-35821-01	SSMA CableConnector, RG178		
5	SSMA Cable Jack	600-35826-01	SSMA Cable Connector, RG174, RG316, LMR100		154
6	SSMA Cable Jack	600-35828-01	SSMA Cable Connector, RG174, RG316, LMR100		154
7	SSMA Cable Jack	600-35829-01	SSMA Cable Connector, 086, RG405		155
8	SSMA PCB Jack	600-32500-01	SSMA PCB Connector, PCB through Hole		155
9	SSMA Adapters	600-35831-01	SMA Female to SSMA Female Adapters		155
10	SSMA Adapters	600-35832-01	SMA Female to SSMA Male Adapters(Quick-Connect)		156



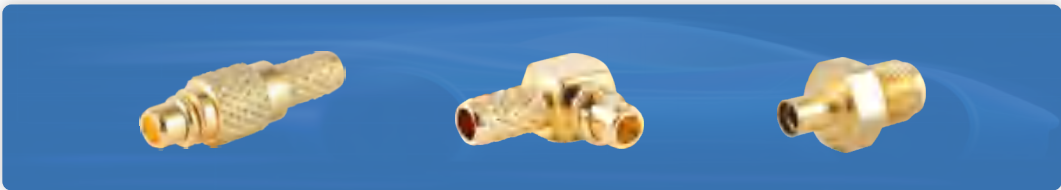
08.3 MCX Connector

Item	Product Name	Draw No.	Description	Image	Page
1	MCX RF SWITCH Connector, V/T with Switch	600-11066-01	L6.00*W6.00*H7.50mm, with Switch, 50Ω, Gold Plating		157
2	MCX RF SWITCH Connector, R/A with Switch	600-12238-01	L9.50*W6.00*H8.00mm, with Switch, 50Ω, Golding Plating		157
3	MCX PCB Jack	600-17648-01	MCX PCB Connector, PCB Surface Mount		157
4	MCX PCB Jack	600-17938-01	MCX PCB Connector, PCB through Hole		158
5	MCX PCB Jack	600-25236-01	MCX PCB Connector, PCB Surface Mount		158
6	MCX PCB Jack	600-23436-01	MCX PCB Connector, PCB through Hole		158
7	MCX Adapters	600-35937-01	SMA Female to MCX Female Adapters		159
8	MCX Adapters	600-35938-01	SMA Female to MCX Male Adapters		159



08.4 MMCX Connector

Item	Product Name	Draw No.	Description	Image	Page
1	MMCX PCB Jack	600-14219-01	MMCX PCB Connector, PCB through Hole		160
2	MMCX PCB Jack	600-24894-01	MMCX PCB Connector, PCB through Hole		160
3	MMCX PCB Jack	600-17965-01	MMCX PCB Connector, PCB Surface Mount		160
4	MMCX PCB Jack	600-10937-01	MMCX PCB Connector, PCB through Hole		161
5	MMCX Cable Plug	600-35956-01	MMCX Cable Connector, 1.13		161
6	MMCX Cable Jack	600-35957-01	MMCX Cable Connector, 1.13		161
7	MMCX Cable Plug	600-35944-01	MMCX Cable Connector, 1.37		162
8	MMCX Cable Jack	600-35945-01	MMCX Cable Connector, 1.37		162
9	MMCX Cable Plug	600-35946-01	MMCX Cable Connector, 1.37		162
10	MMCX Cable Plug	600-35947-01	MMCX Cable Connector, 086, RG405		163



08.4 MMCX Connector

Item	Product Name	Draw No.	Description	Image	Page
11	MMCX Cable Plug	600-35948-01	MMCX Cable Connector, 086, RG405		163
12	MMCX Cable Plug	600-12442-01	MMCX Cable Connector, RG174, RG316, LMR100		163
13	MMCX Cable Plug	600-35949-01	MMCX Cable Connector, RG174, RG316, LMR100		164
14	MMCX Adapters	600-35939-01	SMA Female to MCX Female Adapters		164
15	MMCX Adapters	600-35940-01	SMA Female to MCX Male Adapters		164



09.1 Other Connector

Item	Product Name	Draw No.	Description	Image	Page
1	Automotive Power PCB Connector	600-21006-01	8 Pin Power Connector of Automobile, Vertical		166
2	Automotive Electric Fan Cable Connector	600-19151-01	8 Pin Connector for Electric Fan of Automobile		166
3	Automotive Electric Fan PCB Connector	600-19150-01	8 Pin Connector for Electric Fan of Automobile, Vertical		166
4	SMP PCB Jack	600-26150-01	SMP Straight PCB Smooth Bore through Hole		167
5	SMP PCB Jack	600-34576-01	SMP Straight PCB Full Detent end Launch		167
6	1.0-2.3 PCB Jack	600-17598-01	1.0-2.3 Straight PCB Jack through Hole Bulkhead Rear Mount 75 Ohm		167
7	1.0-2.3 PCB Jack	600-17483-01	1.0-2.3 Right Angle PCB Jack through Hole Bulkhead Rear Mount 75 Ohm		168
8	Fakra Cable Lock	600-28107-01	Fakra Connector Cable Lock 90° Clip 7x12		168
9	Fakra Cable Lock	600-4186-01	Fakra Connector Cable Lock		168
10	SMP Cable Jack	600-44437-02	SMP Cable Connector, 086, RG405		169



09.1 Other Connector

Item	Product Name	Draw No.	Description	Image	Page
11	BNC Cable Jack	600-27442-01	BNC Cable Connector, RG174, RG316, LMR100		169
12	BNC Cable Jack	600-43951-01	BNC Cable Connector, 086, RG405		169
13	BNC PCB Jack	600-41652-01	75 Ohm, BNC JACK, RIGHT ANGLE, PCB CONN		170
14	N PCB Jack	600-28096-01	N-Type Panel Mount Jack 4-Hole Flange Solder Cup 50 Ohm		170
15	N Cable Jack	600-41896-01	N-Type Cable Connector, 086, RG405		170
16	N Cable Jack, Thread Length: 10.0mm	600-43929-01	SMA Cable Connector, Waterproof, 0.81		171
		600-43930-01	SMA Cable Connector, Waterproof, 1.13		
		600-43931-01	SMA Cable Connector, Waterproof, 1.37		
		600-43932-01	SMA Cable Connector, Waterproof, RG178		
17	N Cable Plug	600-17412-02	N-Type Cable Connector, RG141		171
18	N Cable Plug	600-17465-02	N-Type Cable Connector, 7D-FB, LMR400		171
19	Automotive Power PCB Connector	600-40455-01	40P Board Side of Power Connector		172

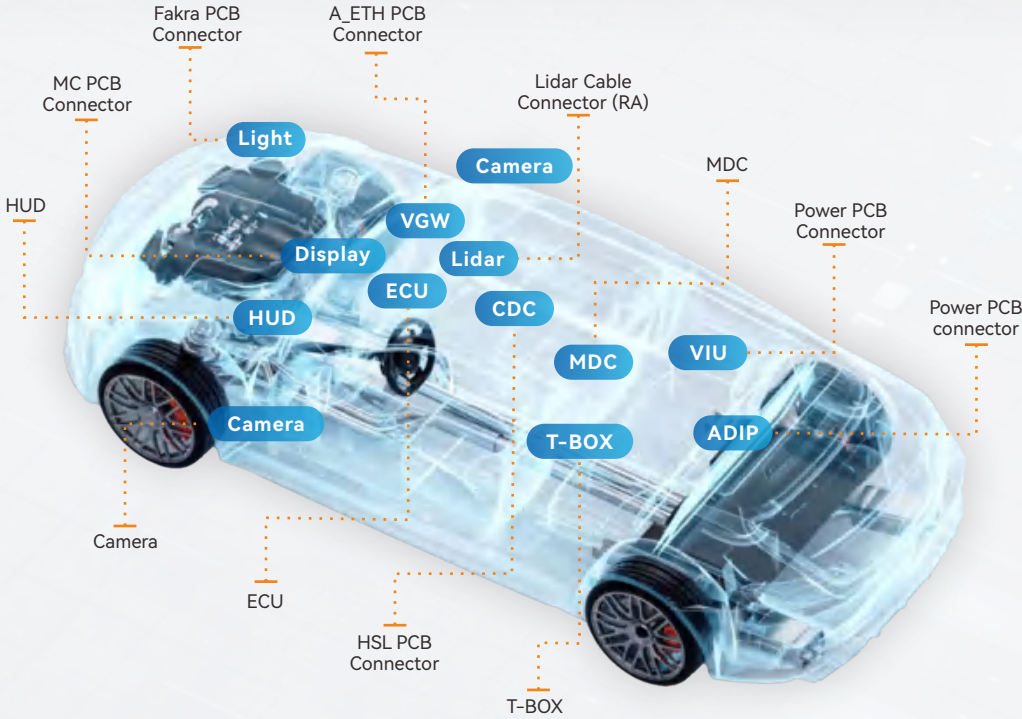


09.1 Other Connector

Item	Product Name	Draw No.	Description	Image	Page
20	Automotive Power Cable Connector	600-40454-01	40P Cable Side of Power Connector		172
21	Automotive Power PCB Connector	600-47269-01	24P Board Side of Power Connector		172
22	Automotive Power Cable Connector	600-47268-01	24P Cable Side of Power Connector		173
23	Automotive Screen PCB Connector	600-34950-01	8P Pow Con of Cockpit of Wisdom Screen		173

Fakra Connector Series

01



Fakra PCB Plug

D/N:600-19650-01

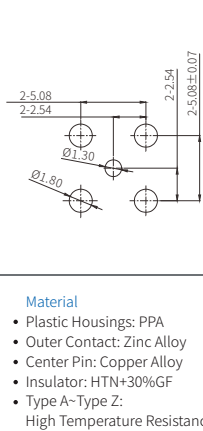
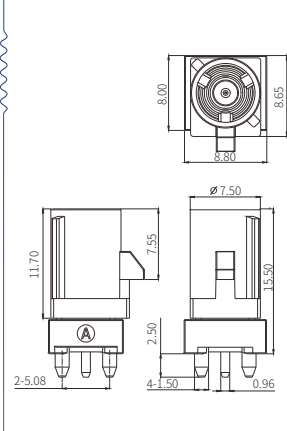
● Outline Dimensions

● PCB Layout

● Technology Parameters



A	Deep Black	818019637
B	Cream White	818019638
C	Signal Blue	818019639
D	Claret Violet	818019640
E	Leaf Green	818019641
F	Nut Brown	818019642
G	Blue Gray	818019643
H	Heather Violet	818019644
I	Beige	818019645
K	Curry	818019646
L	Carmin Red	818019647
M	Pastel Orange	818019648
N	Pastel Green	818019649
Z	Water Blue	818019650
Keying Code	Color	Part No.



Electrical Performance

- 1.1 Impedance: 50 Ω
- 1.2 Frequency: DC to 6 GHz
- 1.3 Return Loss: $\geq 26\text{dB}$, DC to 1 GHz
 $\geq 24\text{dB}$, DC to 3 GHz
- 1.4 Insertion Loss:
 $\leq 0.1 \times \sqrt{f(\text{GHz})} \text{ dB@1GHz}$
- 1.5 Insulation Resistance: $\geq 100\text{M}\Omega$
- 1.6 Center Contact Resistance: 40mΩ Max
- 1.7 Outer Contact Resistance: 40mΩ Max
- 1.8 Test Voltage: 800V rms
- 1.9 Working Voltage: $\leq 60\text{V DC}$
- 2.0 Contact Current: $\leq 1 \text{ A DC}$
- 2.1 RF-leakage: $\geq 65 \text{ dB}$

Mechanical Performance

- 2.2 Mating Cycles: ≥ 25 Cycles
- 2.3 Mating Force: $\leq 25 \text{ N}$
- 2.4 Center Pin Retention Force: $\geq 10 \text{ N}$
- 2.5 Retention Force Latch: $\geq 110 \text{ N}$
- 2.6 Temperature Range: $-40^\circ\text{C} \sim +105^\circ\text{C}$

Material

- Plastic Housings: PPA
 - Outer Contact: Zinc Alloy
 - Center Pin: Copper Alloy
 - Insulator: HTN+30%GF
 - Type A-Type Z:
- High Temperature Resistance,
Reflow Soldering

Fakra PCB Plug

D/N: 600-11015-01

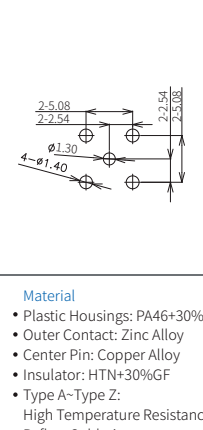
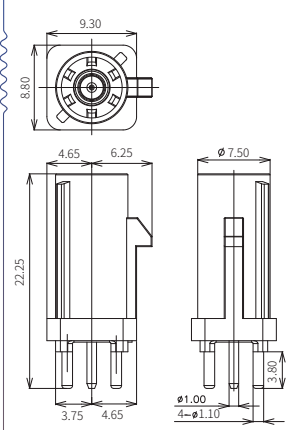
● Outline Dimensions

● PCB Layout

● Technology Parameters



A	Deep Black	818011013
B	Cream White	818011014
C	Signal Blue	818011015
D	Claret Violet	818011016
E	Leaf Green	818011017
F	Nut Brown	818011018
G	Blue Gray	818011019
H	Heather Violet	818011020
I	Beige	818011021
K	Curry	818011022
L	Carmin Red	818011023
M	Pastel Orange	818011024
N	Pastel Green	818011025
Z	Water Blue	818011026
Keying Code	Color	Part No.



Electrical Performance

- 1.1 Impedance: 50 Ω
- 1.2 Frequency: DC to 6 GHz
- 1.3 Return Loss: $\leq 26\text{dB}$
- 1.4 Insertion Loss: $\leq 0.1 \times \sqrt{f(\text{GHz})} \text{ dB}$
- 1.5 Insulation Resistance: $\geq 100\text{M}\Omega$
- 1.6 Center Contact Resistance: 40mΩ Max
- 1.7 Outer Contact Resistance: 40mΩ Max
- 1.8 Test Voltage: 800V rms
- 1.9 Working Voltage: $\leq 60\text{V DC}$
- 2.0 Contact Current: $\leq 1 \text{ A DC}$
- 2.1 RF-leakage: $\geq 65 \text{ dB}$

Mechanical Performance

- 2.2 Mating Cycles: ≥ 25 Cycles
- 2.3 Mating Force: $\leq 25 \text{ N}$
- 2.4 Center Pin Retention Force: $\geq 10 \text{ N}$
- 2.5 Retention Force Latch: $\geq 110 \text{ N}$
- 2.6 Temperature Range: $-40^\circ\text{C} \sim +105^\circ\text{C}$

Material

- Plastic Housings: PA46+30%GF
 - Outer Contact: Zinc Alloy
 - Center Pin: Copper Alloy
 - Insulator: HTN+30%GF
 - Type A-Type Z:
- High Temperature Resistance,
Reflow Soldering

Fakra PCB Plug

D/N: 600-13173-01

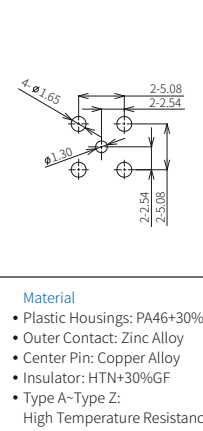
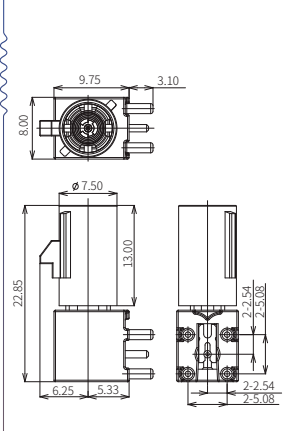
● Outline Dimensions

● PCB Layout

● Technology Parameters



A	Deep Black	818013171
B	Cream White	818013172
C	Signal Blue	818013173
D	Claret Violet	818013174
E	Leaf Green	818013175
F	Nut Brown	818013176
G	Blue Gray	818013177
H	Heather Violet	818013178
I	Beige	818013179
K	Curry	818013180
L	Carmin Red	818013181
M	Pastel Orange	818013182
N	Pastel Green	818013183
Z	Water Blue	818013184
Keying Code	Color	Part No.



Electrical Performance

- 1.1 Impedance: 50 Ω
- 1.2 Frequency: DC to 6 GHz
- 1.3 Return Loss: $\leq 26\text{dB}$
- 1.4 Insertion Loss: $\leq 0.1 \times \sqrt{f(\text{GHz})} \text{ dB}$
- 1.5 Insulation Resistance: $\geq 100\text{M}\Omega$
- 1.6 Center Contact Resistance: 40mΩ Max
- 1.7 Outer Contact Resistance: 40mΩ Max
- 1.8 Test Voltage: 800V rms
- 1.9 Working Voltage: $\leq 60\text{V DC}$
- 2.0 Contact Current: $\leq 1 \text{ A DC}$
- 2.1 RF-leakage: $\geq 65 \text{ dB}$

Mechanical Performance

- 2.2 Mating Cycles: ≥ 25 Cycles
- 2.3 Mating Force: $\leq 25 \text{ N}$
- 2.4 Center Pin Retention Force: $\geq 10 \text{ N}$
- 2.5 Retention Force Latch: $\geq 110 \text{ N}$
- 2.6 Temperature Range: $-40^\circ\text{C} \sim +105^\circ\text{C}$

Material

- Plastic Housings: PA46+30%GF
 - Outer Contact: Zinc Alloy
 - Center Pin: Copper Alloy
 - Insulator: HTN+30%GF
 - Type A-Type Z:
- High Temperature Resistance,
Reflow Soldering

Fakra PCB Plug, Dual

D/N: 600-11613-01

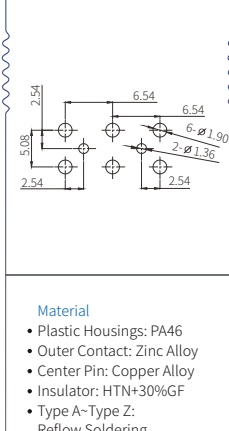
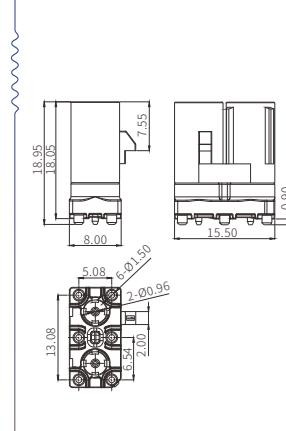
● Outline Dimensions

● PCB Layout

● Technology Parameters



A	黑色9005	818011612
B	白色9001	818011613
C	蓝色5005	818011614
D	枣红色4004	818011615
E	绿色6002	818011616
F	棕色8011	818011617
G	灰色7031	818011618
H	紫罗兰4003	818011619
I	米黄色1001	818011620
K	咖喱色1027	818011621
L	胭脂红3002	818011622
M	粉橙色2003	818011623
N	粉蓝绿色6019	818011624
Z	水蓝色5021	818011625
Keying Code	Color	Part No.



Electrical Performance

- 1.1 Impedance: 50 Ω
- 1.2 Frequency: DC to 6 GHz
- 1.3 Return Loss: $\geq 26\text{dB}$, DC to 1 GHz
 $\geq 24\text{dB}$, DC to 3 GHz
- 1.4 Insertion Loss:
 $\leq 0.1 \times \sqrt{f(\text{GHz})} \text{ dB@1GHz}$
- 1.5 Insulation Resistance: $\geq 100\text{M}\Omega$
- 1.6 Center Contact Resistance: 40mΩ Max
- 1.7 Outer Contact Resistance: 40mΩ Max
- 1.8 Test Voltage: 800V rms
- 1.9 Working Voltage: $\leq 60\text{V DC}$
- 2.0 Contact Current: $\leq 1 \text{ A DC}$
- 2.1 RF-leakage: $\geq 65 \text{ dB}$

Mechanical Performance

- 2.2 Mating Cycles: ≥ 25 Cycles
- 2.3 Mating Force: $\leq 25 \text{ N}$
- 2.4 Center Pin Retention Force: $\geq 10 \text{ N}$
- 2.5 Retention Force Latch: $\geq 110 \text{ N}$
- 2.6 Temperature Range: $-40^\circ\text{C} \sim +105^\circ\text{C}$

Material

- Plastic Housings: PA46
 - Outer Contact: Zinc Alloy
 - Center Pin: Copper Alloy
 - Insulator: HTN+30%GF
 - Type A-Type Z:
- Reflow Soldering

Fakra PCB Plug, Dual

D/N: 600-48807-01

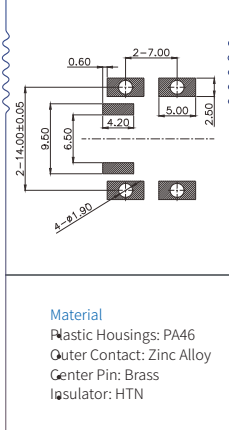
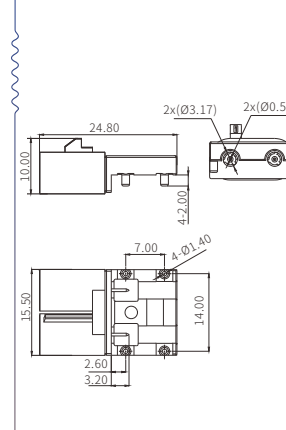
● Outline Dimensions

● PCB Layout

● Technology Parameters



A	Deep Black	818014329
B	Cream White	818014330
C	Signal Blue	818014331
D	Claret Violet	818014332
E	Leaf Green	818014333
F	Nut Brown	818014335
G	Blue Gray	818014336
H	Heather Violet	818014337
I	Beige	818014338
K	Curry	818014339
L	Carmin Red	818014340
M	Pastel Orange	818014341
N	Pastel Green	818014342
Z	Water Blue	818014343
Keying Code	Color	Part No.



Electrical Performance

- 1.1 Impedance: 50 Ω
- 1.2 Frequency: DC to 6 GHz
- 1.3 Return Loss: $\geq 24\text{dB}$, DC to 2.4 GHz
 $\geq 16\text{dB}$, 2.4GHz to 4 GHz
- 1.4 Insertion Loss:
 $\leq 0.1 \times \sqrt{f(\text{GHz})} \text{ dB@1GHz}$
- 1.5 Insulation Resistance: $\geq 100\text{M}\Omega$
- 1.6 Center Contact Resistance: 5mΩ Max
- 1.7 Outer Contact Resistance: 5mΩ Max
- 1.8 Test Voltage: 800V rms
- 1.9 Working Voltage: 335V rms
- 2.0 Contact Current: $\leq 1 \text{ A DC}$

Mechanical Performance

- 2.1 Mating Cycles: ≥ 25 Cycles
- 2.2 Mating Force: $\leq 45 \text{ N}$
- 2.3 Center Pin Retention Force: $\geq 10 \text{ N}$
- 2.4 Retention Force Latch: $\geq 110 \text{ N}$
- 2.5 Temperature Range: $-40^\circ\text{C} \sim +105^\circ\text{C}$

Material

- Plastic Housings: PA46
- Outer Contact: Zinc Alloy
- Center Pin: Brass
- Insulator: HTN

Fakra 1+2 PCB Plug

D/N: 600-14912-01

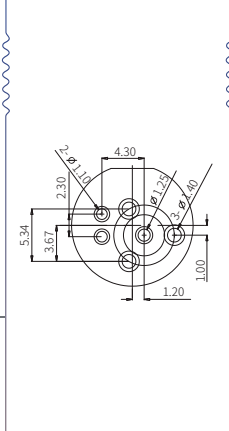
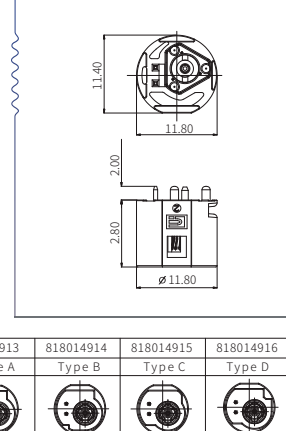
● Outline Dimensions

● PCB Layout

● Technology Parameters



Part Number Table					
P/N	818014912	818014913	818014914	818014915	818014916
Type	Type O	Type A	Type B	Type C	Type D
Image					



Electrical Performance

- 1.1 Impedance: 100Ω
- 1.2 Frequency Range: DC to 4 GHz
- 1.3 Insulation Resistance: $\geq 500 \text{ M}\Omega$
- 1.4 Center Contact Resistance: 5mΩ Max
- 1.5 Test Voltage: 80V rms
- 1.6 Working Voltage: 335V rms
- 1.7 Contant Current: $\leq 3 \text{ A DC}$

Mechanical Performance

- 1.8 Mating Cycles: ≥ 25 Cycles
- 1.9 Retention Force Latch: $\geq 110 \text{ N}$

Material

- 2.0 Plastic Housings: PA46
- 2.1 Outer Contact: Zinc Alloy
- 2.2 Insulator: HTN
- 2.3 Center Pin: Copper Alloy
- 2.4 Power Supply Pin: Brass
- 2.5 Lock: Stainless Steel

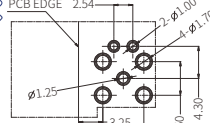
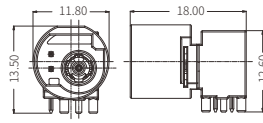
Fakra 1+2 PCB Plug

D/N: 600-14899-01

● Outline Dimensions

● PCB Layout

● Technology Parameters



电气性能

- 1.1 特性阻抗: 50Ω
- 1.2 频率: DC to 4 GHz
- 1.3 绝缘电阻: $\geq 500\text{ M}\Omega$
- 1.4 接触电阻(中心针): $5\text{ m}\Omega$ Max
- 1.5 测试电压: 800V rms
- 1.6 工作电压: 335V rms
- 1.7 电流: $\leq 3\text{ A DC}$

机械性能

- 2.1 机械寿命: ≥ 25 Cycles
- 2.2 带锁保持力: $\geq 110\text{ N}$

材质

- 2.3 塑胶主体: PPA
- 2.4 外屏蔽壳: Zinc Alloy
- 2.5 绝缘体: HTN
- 2.6 中心针: Copper Alloy
- 2.7 电源针: Copper Alloy
- 2.8 锁片: Stainless Steel

Part Number Table

P/N	818014899	818014900	818014901	818014902	818014903
Type	Type O	Type A	Type B	Type C	Type D
Image					

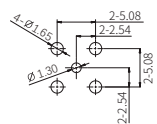
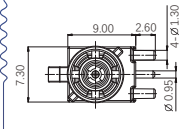
Fakra PCB Plug

D/N: 600-17134-01

● Outline Dimensions

● PCB Layout

● Technology Parameters



Recommended PCB Layout

Electrical Performance

- 1.1 Impedance: $50\Omega \pm 5\Omega$
- 1.2 Frequency Range: DC to 6 GHz
- 1.3 Return Loss:
 - $\geq 26\text{ dB}$, DC to 1 GHz
 - $\geq 20\text{ dB}$, DC to 3 GHz
- 1.4 Insertion Loss: $\leq 0.1 \times \sqrt{f(\text{GHz})}\text{ dB}$
- 1.5 Center Contact Resistance: $\leq 5\text{ m}\Omega$
- 1.6 Outer Contact Resistance: $\leq 5\text{ m}\Omega$
- 1.7 Rated Voltage: 60 V DC
- 1.8 Rated Current: $\leq 1\text{ A DC}$

Mechanical Performance

- 1.9 Mating Cycles: ≥ 25
- 2.0 Mating Force: $\leq 25\text{ N}$
- 2.1 Unmating Force: $5\text{ N} < F \leq 25\text{ N}$
- 2.2 Retention Force Latch: $\geq 110\text{ N}$
- 2.3 Temperature Range:
 - $-40^\circ\text{C} \sim +105^\circ\text{C}$

Material

- Housing: PA6T
- Insulator: HTN
- Center Pin: Copper Alloy
- Outer Contact: Zinc Alloy
- Body: Zinc Alloy

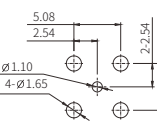
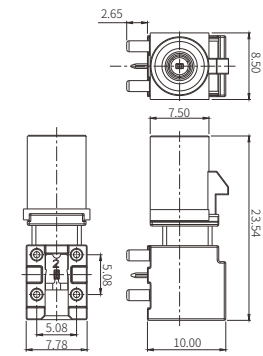
Fakra PCB Plug

D/N: 600-31420-01

● Outline Dimensions

● PCB Layout

● Technology Parameters



Recommended PCB Layout
Tolerance ± 0.05 (Top View)

Electrical Performance

- 1.1 Impedance: $50\Omega \pm 5\Omega$
- 1.2 Frequency Range: DC to 6 GHz
- 1.3 Return Loss: $\geq 26\text{ dB}$, DC to 1 GHz
- 1.4 Insertion Loss: $\leq 0.1 \times \sqrt{f(\text{GHz})}\text{ dB}$
- 1.5 Center Contact Resistance: $\leq 5\text{ m}\Omega$
- 1.6 Outer Contact Resistance: $\leq 5\text{ m}\Omega$
- 1.7 Rated Voltage: 60 V DC
- 1.8 Rated Current: $\leq 1\text{ A DC}$

Mechanical Performance

- 1.9 Mating Cycles: ≥ 25
- 2.0 Mating Force: $\leq 25\text{ N}$
- 2.1 Unmating Force: $5\text{ N} < F \leq 25\text{ N}$
- 2.2 Retention Force Latch: $\geq 110\text{ N}$
- 2.3 Temperature Range:
 - $-40^\circ\text{C} \sim +105^\circ\text{C}$

Material

- Plastic Housings: PA46
- Insulator: LCP
- Center Pin: Copper Alloy
- Outer Contact: Zinc Alloy

A	Deep Black	818033801
B	Cream White	818033802
C	Signal Blue	818033803
D	Claret Violet	818033804
E	Leaf Green	818033805
F	Nut Brown	818033806
G	Blue Gray	818033807
H	Heather Violet	818033808
I	Beige	818033809
K	Curry	818033810
L	Carmine Red	818033811
M	Pastel Orange	818033812
N	Pastel Green	818033813
Z	Water Blue	818031420

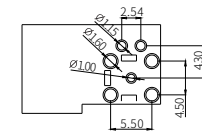
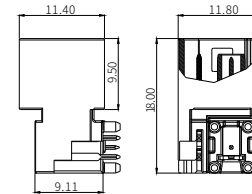
Fakra 1+2 PCB Plug

D/N: 600-43057-01

● Outline Dimensions

● PCB Layout

● Technology Parameters



Electrical Performance

- 1.1 Impedance: $50\Omega \pm 5\Omega$
- 1.2 Frequency: DC to 6 GHz
- 1.3 Return Loss: $\geq 26\text{ dB}$, DC to 1 GHz
 - $\geq 24\text{ dB}$, DC to 3 GHz
- 1.4 Insertion Loss: $\leq 0.1 \times \sqrt{f(\text{GHz})}\text{ dB}$
- 1.5 Center Contact Resistance: $\leq 40\text{ m}\Omega$
- 1.6 Outer Contact Resistance: $\leq 40\text{ m}\Omega$
- 1.7 Rated Voltage: 60 V DC
- 1.8 Rated Current: $\leq 1\text{ A DC}$

Mechanical Performance

- 1.9 Mating Cycles: ≥ 25 Cycles
- 2.0 Mating Force: $\leq 25\text{ N}$
- 2.1 Center needle Force: $\geq 10\text{ N}$
- 2.2 Retention Force Latch: $\geq 110\text{ N}$
- 2.3 Temperature Range:
 - $-40^\circ\text{C} \sim +105^\circ\text{C}$

Material

- Housing: PA4T
- Insulator: LCP
- Center Contact: Copper alloy
- Outer Contact: Zinc alloy
- Power Pin: Copper alloy
- Locking Plate: Stainless Steel

A	Deep Black	818043057
B	Cream White	818043058
C	Signal Blue	818043059
D	Date Red	818043060
E	Leaf Green	818043061
F	Nut Brown	818043062
G	Blue Gray	818043063
H	Heather Violet	818043064
L	Carmine Red	818043065
K	Curry	818043066
Z	Water Blue	818043067
Keying Code	Color	Part No.

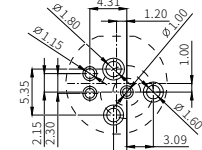
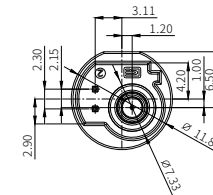
Fakra 1+2 PCB Plug

D/N: 600-43040-01

● Outline Dimensions

● PCB Layout

● Technology Parameters



Electrical Performance

- 1.1 Impedance: $50\Omega \pm 5\Omega$
- 1.2 Frequency: DC to 6 GHz
- 1.3 Return Loss: $\geq 26\text{ dB}$, DC to 1 GHz
 - $\geq 24\text{ dB}$, DC to 3 GHz
- 1.4 Insertion Loss: $\leq 0.1 \times \sqrt{f(\text{GHz})}\text{ dB}$
- 1.5 Center Contact Resistance: $\leq 40\text{ m}\Omega$
- 1.6 Outer Contact Resistance: $\leq 40\text{ m}\Omega$
- 1.7 Rated Voltage: 60 V DC
- 1.8 Rated Current: $\leq 1\text{ A DC}$

Mechanical Performance

- 1.9 Mating Cycles: ≥ 25 Cycles
- 2.0 Mating Force: $\leq 25\text{ N}$
- 2.1 Center needle Force: $\geq 10\text{ N}$
- 2.2 Retention Force Latch: $\geq 110\text{ N}$
- 2.3 Temperature Range:
 - $-40^\circ\text{C} \sim +105^\circ\text{C}$

Material

- Housing: PA4T
- Insulator: LCP
- Center Contact: Copper alloy
- Outer Contact: Zinc alloy
- Power Pin: Copper alloy

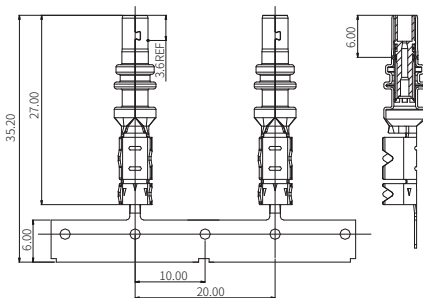
A	Deep Black	818043030
B	Cream White	818043031
C	Signal Blue	818043032
D	Date Red	818043033
E	Leaf Green	818043034
F	Nut Brown	818043035
G	Blue Gray	818043036
H	Heather Violet	818043037
L	Carmine Red	818043038
K	Curry	818043039
Z	Water Blue	818043040
Keying Code	Color	Part No.

Fakra III Cable Plug Terminal, Assy for Plug Connector (RG174/RG316)

D/N: 600-4816-01

● Outline Dimensions

● Technology Parameters



- 1.1 Shell Material: Phosphor Bronze
- 1.2 Insulator: PBT
- 1.3 Clip Material: Phosphor Bronze
- 1.4 Mating Force: 15N Max
- 1.5 Thermal Shock:
Meet Item 8.2 of DIN 72594-2
- 1.6 Temperature and Humidity:
Meet Item 8.3 of DIN 72594-2
- 1.7 Vibration and Mechanical Shock:
Meet Item 8.1 of DIN 72594-2
- 1.8 Dry Heat:
Meet Item 8.4 of DIN 72594-2
- 1.9 Environment Requirements:
Meet RoHS
- 2.0 Packing: 1600 Pcs/Reel

Fakra Cable Connector, Double Plug Housing, Type A~Type Z

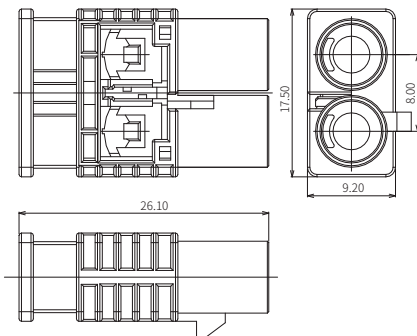
D/N:600-10700-01

● Outline Dimensions

● Technology Parameters



A	Deep Black	818010699
B	Cream White	818010700
C	Signal Blue	818010701
D	Claret Violet	818010702
E	Leaf Green	818010703
F	Nut Brown	818010704
G	Blue Gray	818010705
H	Heather Violet	818010706
I	Beige	818010707
K	Curry	818010708
L	Carmin Red	818010709
M	Pastel Orange	818010710
N	Pastel Green	818010711
Z	Water Blue	818010712
Keying Code	Color	Part No.



- 1.1 Material: PPO
- 1.2 Mating Cycles: $\geq 25(\text{time})$
- 1.3 Retention Force Latch: $\geq 110 \text{ N}$
- 1.4 Force to Disengage Lock: $\leq 70 \text{ N}$
- 1.5 Connector Engagement Force:
Dual-end $\leq 45 \text{ N}$
- 1.6 Thermal Shock:
Meet Item 8.2 of DIN 72594-2
- 1.7 Temperature and Humidity:
Meet Item 8.3 of DIN 72594-2
- 1.8 Vibration and Mechanical Shock:
Meet Item 8.1 of DIN 72594-2
- 1.9 Dry Heat:
Meet Item 8.4 of DIN 72594-2
- 2.0 Environment Requirements:
Meet RoHS
- 2.1 Packing: 100 pcs /PE Bag

Fakra Cable Connector, Single Plug Housing, Type A~Type Z

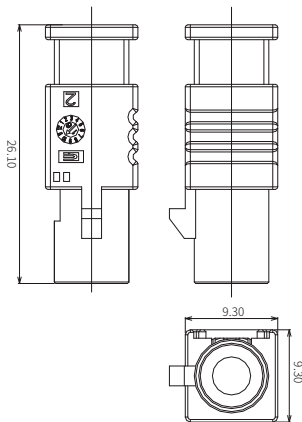
D/N: 600-10624-01

● Outline Dimensions

● Technology Parameters



A	Deep Black	818010623
B	Cream White	818010624
C	Signal Blue	818010625
D	Claret Violet	818010626
E	Leaf Green	818010627
F	Nut Brown	818010628
G	Blue Gray	818010629
H	Heather Violet	818010630
I	Beige	818010631
K	Curry	818010632
L	Carmin Red	818010633
M	Pastel Orange	818010634
N	Pastel Green	818010635
Z	Water Blue	818010636
Keying Code	Color	Part No.



- 1.1 Shell Material: PPO
- 1.2 Mating Cycles: $\geq 25(\text{time})$
- 1.3 Retention Force Latch: $\geq 110 \text{ N}$
- 1.4 Retention Force Primary Lock:
 $\geq 80 \text{ N}$
- 1.5 Retention Force Secondary Lock:
 $\geq 60 \text{ N}$
- 1.6 Thermal Shock:
Meet Item 8.2 of DIN 72594-2
- 1.7 Temperature and Humidity:
Meet Item 8.3 of DIN 72594-2
- 1.8 Vibration and Mechanical Shock:
Meet Item 8.1 of DIN 72594-2
- 1.9 Dry Heat:
Meet Item 8.4 of DIN 72594-2
- 2.0 Environment Requirements:
Meet RoHS
- 2.1 Packing: 100 pcs /PE Bag

Fakra Cable Connector, Plug Without Cable Lock, Waterproof

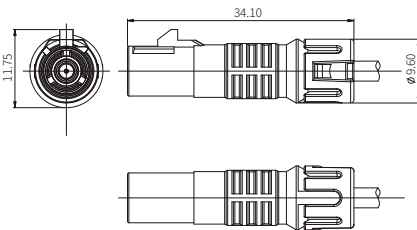
D/N: 600-13084-01

● Outline Dimensions

● Technology Parameters



A	Deep Black	818013071
B	Cream White	818013072
C	Signal Blue	818013073
D	Claret Violet	818013074
E	Leaf Green	818013075
F	Nut Brown	818013076
G	Blue Gray	818013077
H	Heather Violet	818013078
I	Beige	818013079
K	Curry	818013080
L	Carmin Red	818013081
M	Pastel Orange	818013082
N	Pastel Green	818013083
Z	Water Blue	818013084
Keying Code	Color	Part No.



- 2.4 Ingress Protection: IP67&IP68
- 2.5 Frequency Range: DC to 6 GHz
- 2.6 Return Loss: $\geq 17 \text{ dB}$, DC to 6 GHz
- 2.7 Insertion Loss: $0.1 \times \sqrt{f(\text{GHz})} \text{ dB@ } 1 \text{ GHz}$
- 2.8 Environment Requirements: Meet RoHS

- 1.1 Rated Voltage: 60V DC Max
- 1.2 Rated Current: 1A DC Max
- 1.3 Resistance to voltage: 500V AC Min
- 1.4 Insulation Resistance: 100MΩ Min
- 1.5 Center Contact Resistance:
Test Before: 5 mΩ Max
Test After: 40 mΩ Max
- 1.6 Outer Contact Resistance:
Test Before: 5 mΩ Max
Test After: 40 mΩ Max
- 1.7 Mating Force: 70N Max
- 1.8 Unmating Force: 70N Max
- 1.9 Locking Device Strength: 80N Min
- 2.0 Cable Retention Force: 80N Min
- 2.1 Body Retention Force: 100N Min
- 2.2 Durability: 100Times (Cycles)
- 2.3 Operating Temperature:
 $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$

Fakra Cable Connector, Plug with Metal Housing, Waterproof

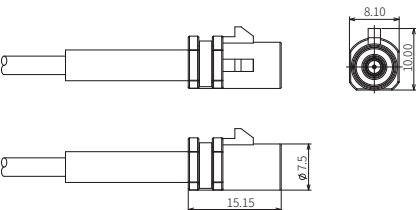
D/N: 600-11628-01

● Outline Dimensions

● Technology Parameters



A	Deep Black	818012404
B	Cream White	818012405
Z	Water Blue	818011628
Keying Code	Color	Part No.



- 1.1 Impedance: 50 Ω
- 1.2 Frequency: 0~3GHz
- 1.3 VSWR: 1.5 Max
- 1.4 Insertion Loss: $\leq 0.1 \times \sqrt{f(\text{GHz})} \text{ dB}$
- 1.5 Rated Voltage: 60V DC
- 1.6 Resistance to voltage: 500V
- 1.7 Insulation Resistance: 1000 MΩ Min
- 1.8 Center Contact Resistance:
10 mΩ Max
- 1.9 Outer Contact Resistance:
10 mΩ Max
- 2.0 Center Pin Retention Force: 22 N
- 2.1 Durability: 100Times (Cycles)
- 2.2 Cable Retention Force: 110N Min
- 2.3 Operating Temperature:
 $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$
- 2.4 Ingress Protection: IP67&IP68
- 2.5 Environment Requirements:
Meet RoHS
- 2.6 RF-leakage: $\geq 65 \text{ dB}$ up to 1 GHz

Fakra Cable Connector, Plug, V/T, with Calbe Lock, Waterproof

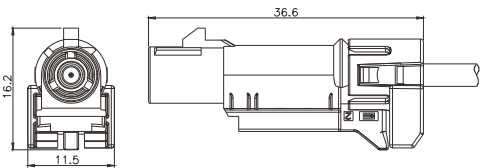
D/N:600-38147-01

● Outline Dimensions

● Technology Parameters



A	Deep Black	818038147
B	Cream White	818038148
C	Signal Blue	818038149
D	Claret Violet	818038150
E	Leaf Green	818038151
F	Nut Brown	818038152
G	Blue Gray	818038153
H	Heather Violet	818038154
I	Beige	818038155
K	Curry	818038156
L	Carmin Red	818038157
M	Pastel Orange	818038158
N	Pastel Green	818038159
Z	Water Blue	818038160
Keying Code	Color	Part No.



- 2.4 Ingress Protection: IP67&IP68
- 2.5 Frequency Range: DC to 6 GHz
- 2.6 Return Loss: $\geq 17 \text{ dB}$, DC to 6 GHz
- 2.7 Insertion Loss: $0.1 \times \sqrt{f(\text{GHz})} \text{ dB@ } 1 \text{ GHz}$
- 2.8 Environment Requirements: Meet RoHS

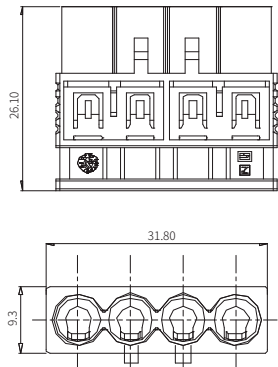
- 1.1 Rated Voltage: 60V DC Max
- 1.2 Rated Current: 1A DC Max
- 1.3 Resistance to voltage: 500V AC Min
- 1.4 Insulation Resistance: 100MΩ Min
- 1.5 Center Contact Resistance:
Test Before: 5 mΩ Max
Test After: 40 mΩ Max
- 1.6 Outer Contact Resistance:
Test Before: 5 mΩ Max
Test After: 40 mΩ Max
- 1.7 Mating Force: 70N Max
- 1.8 Unmating Force: 70N Max
- 1.9 Locking Device Strength: 80N Min
- 2.0 Cable Retention Force: 80N Min
- 2.1 Body Retention Force: 100N Min
- 2.2 Durability: 100Times (Cycles)
- 2.3 Operating Temperature:
 $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$

Fakra Cable Plug

D/N: 600-15482-01

● Outline Dimensions

● Technology Parameters



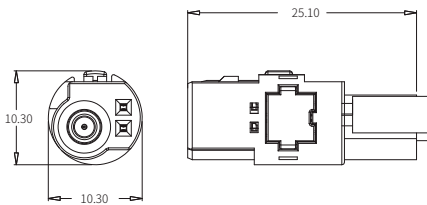
- 1.1 Material: N300X
- 1.2 Mating Cycles: ≥ 25 Times (Cycles)
- 1.3 Retention Force: ≥ 110 N
- 1.4 Force To Disengage: ≤ 70 N
- 1.5 Connector Engagement Force: Dual-end ≤ 45 N
- 1.6 Thermal Shock: Meet Item 8.2 of DIN72594-2
- 1.7 Temperature and Humidity: Meet Item 8.3 of DIN72594-2
- 1.8 Vibration and Mechanical Shock: Meet Item 8.1 of DIN72594-2
- 1.9 Dry Heat: Meet Item 8.4 of DIN72594-2
- 2.0 Environmental Requirements: Meet RoHS

Fakra 1+2 Cable Plug

D/N: 600-14890-01

● Outline Dimensions

● Technology Parameters



Part Number Table

P/N	818014890	818014891	818014892	818014893	818014894
Type	Type O	Type A	Type B	Type C	Type D
Image					

- Electrical Performance**
- 1.1 Impedance: 50 Ω
 - 1.2 Frequency Range: DC to 4 GHz
 - 1.3 Insulation Resistance: ≥ 500 M Ω
 - 1.4 Center Contact Resistance: 5m Ω Max
 - 1.5 Test Voltage: 800V rms
 - 1.6 Working Voltage: 335V rms
 - 1.7 Contant Current: ≤ 3 A DC
- Mechanical Performance**
- 1.8 Mating Cycles: ≥ 25 Cycles
 - 1.9 Cable Force: 80 Min
- Material**
- 2.0 Plastic Housings: PBT
 - 2.1 Outer Contact: Phosphorus Copper
 - 2.2 Lock: PA46
 - 2.3 Center Pin: Phosphorus Copper

Fakra Cable Connector, Single Plug Housing, Type A~Type Z

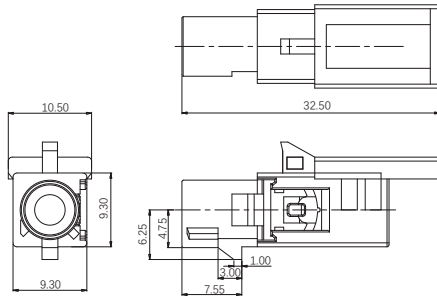
D/N: 600-13216-01

● Outline Dimensions

● Technology Parameters



Keying Code	Color	Part No.
A	Deep Black	818013216
B	Cream White	818013217
C	Signal Blue	818013218
D	Claret Violet	818013219
E	Leaf Green	818013220
F	Nut Brown	818013221
G	Blue Gray	818013222
H	Heather Violet	818013223
I	Beige	818013224
K	Curry	818013225
L	Carmine Red	818013226
M	Pastel Orange	818013227
N	Pastel Green	818013228
Z	Water Blue	818013229



- 1.1 Impedance: 50 Ω +/-5 Ω
- 1.2 Frequency Range: DC to 4 GHz
- 1.3 Return Loss: ≥ 25 dB, DC to 1 GHz
- 1.4 Insertion Loss: $0.1 \times \sqrt{f(\text{GHz})}$ dB@1 GHz
- 1.5 Center Contact Resistance: ≤ 5 m Ω
- 1.6 Outer Contact Resistance: ≤ 5 m Ω
- 1.7 Rated Voltage: 335Vrms
- 1.8 Rated Current: ≤ 1 A DC
- 1.9 Durability: ≥ 25 Times (Cycles)
- 2.0 Cable Retention Force: ≥ 80 N
- 2.1 Environment Requirements: Meet RoHS

Double Plug, L=26.10mm, W=17.50mm, H=15.85mm, Type A~ Type Z

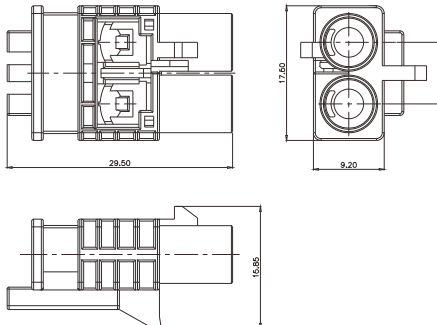
D/N: 600-27875-01

● Outline Dimensions

● Technology Parameters



Keying Code	Color	Part No.
A	Deep Black	818027862
B	Cream White	818027863
C	Signal Blue	818027864
D	Claret Violet	818027865
E	Leaf Green	818027866
F	Nut Brown	818027867
G	Blue Gray	818027868
H	Heather Violet	818027869
I	Beige	818027870
K	Curry	818027871
L	Carmine Red	818027872
M	Pastel Orange	818027873
N	Pastel Green	818027874
Z	Water Blue	818027875



- 1.1 Material: PPO
- 1.2 Mating Cycles: ≥ 25 (Times)
- 1.3 Retention Force Latch: ≥ 110 N
- 1.4 Force to Disengage Lock: ≤ 70 N
- 1.5 Connector Engagement Force: Dual-end ≤ 45 N
- 1.6 Thermal Shock: Comply with item 8.2 of DIN 72594-2
- 1.7 Temperature and Humidity: Comply with item 8.3 of DIN 72594-2
- 1.8 Vibration and Mechancial Shock: Comply with item 8.1 of DIN 72594-2
- 1.9 High Temperature Experiment: Comply with item 8.4 of DIN 72594-2
- 2.0 Environment Requirements: Meet RoHS
- 2.1 Packing: 100pcs/PE Bag

Double Plug, L=26.10mm, W=17.50mm, H=15.85mm, Type A~ Type Z

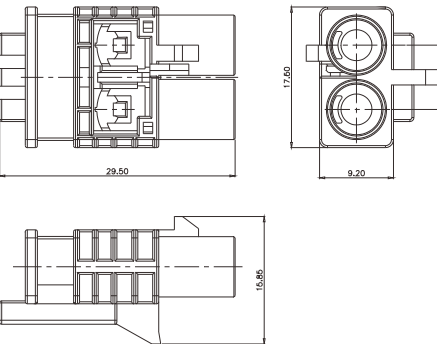
D/N: 600-28020-01

● Outline Dimensions

● Technology Parameters



Keying Code	Color	Part No.
A	Deep Black	818028007
B	Cream White	818028008
C	Signal Blue	818028009
D	Claret Violet	818028010
E	Leaf Green	818028011
F	Nut Brown	818028012
G	Blue Gray	818028013
H	Heather Violet	818028014
I	Beige	818028015
K	Curry	818028016
L	Carmine Red	818028017
M	Pastel Orange	818028018
N	Pastel Green	818028019
Z	Water Blue	818028020



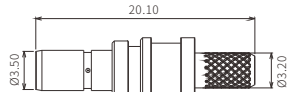
- 1.1 Material: PPO
- 1.2 Mating Cycles: ≥ 25 (Times)
- 1.3 Retention Force Latch: ≥ 110 N
- 1.4 Force to Disengage Lock: ≤ 70 N
- 1.5 Connector Engagement Force: Dual-end ≤ 45 N
- 1.6 Thermal Shock: Comply with item 8.2 of DIN 72594-2
- 1.7 Temperature and Humidity: Comply with item 8.3 of DIN 72594-2
- 1.8 Vibration and Mechancial Shock: Comply with item 8.1 of DIN 72594-2
- 1.9 High Temperature Experiment: Comply with item 8.4 of DIN 72594-2
- 2.0 Environment Requirements: Meet RoHS
- 2.1 Packing: 100pcs/PE Bag

Fakra II Plug Connector,Automata Version (RTK031)

D/N: 600-33312-01

● Outline Dimensions

● Technology Parameters



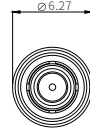
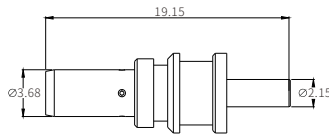
- 1.1 Impedance: 50Ω
- 1.2 Frequency: DC to 6 GHz
- 1.3 Return Loss:
 - ≥ 23dB DC 0~1GHz
 - ≥ 17dB DC 1~3GHz
 - ≥ 14dB DC 3~6GHz
- 1.4 Insertion Loss:
 - ≤ 0.1 x √f(GHz) dB
- 1.5 Center Contact Resistance: ≤ 10 mΩ
- 1.6 Outer Contact Resistance: ≤ 10 mΩ
- 1.7 Rated Voltage: 335Vrms
- 1.8 Rated Current: ≤ 1 A DC
- 1.9 Mating Cycles: ≥ 25 Times
- 2.0 Cable Retation Force: ≥ 110N
- 2.1 Environmental Requirements: Meet RoHS

Fakra V Plug Connector,Automata Version (RG174/RG316)

D/N: 600-41344-01

● Outline Dimensions

● Technology Parameters



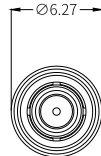
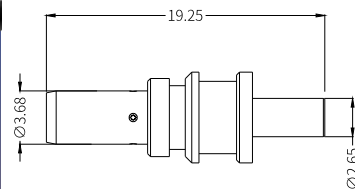
- 1.1 Impedance: 50Ω
- 1.2 Frequency: DC to 6 GHz
- 1.3 Return Loss:
 - ≥ 23dB DC 0~1GHz
 - ≥ 17dB DC 1~3GHz
 - ≥ 14dB DC 3~6GHz
- 1.4 Insertion Loss:
 - ≤ 0.1 x √f(GHz) dB
- 1.5 Center Contact Resistance: ≤ 10 mΩ
- 1.6 Outer Contact Resistance: ≤ 10 mΩ
- 1.7 Rated Voltage: 335Vrms
- 1.8 Rated Current: ≤ 1 A DC
- 1.9 Mating Cycles: ≥ 25 Times
- 2.0 Cable Retation Force: ≥ 110N
- 2.1 Environmental Requirements: Meet RoHS

Fakra V Plug Connector,Automata Version (RTK031)

D/N: 600-41345-01

● Outline Dimensions

● Technology Parameters



- 1.1 Impedance: 50Ω
- 1.2 Frequency: DC to 6 GHz
- 1.3 Return Loss:
 - ≥ 23dB DC 0~1GHz
 - ≥ 17dB DC 1~3GHz
 - ≥ 14dB DC 3~6GHz
- 1.4 Insertion Loss:
 - ≤ 0.1 x √f(GHz) dB
- 1.5 Center Contact Resistance: ≤ 10 mΩ
- 1.6 Outer Contact Resistance: ≤ 10 mΩ
- 1.7 Rated Voltage: 335Vrms
- 1.8 Rated Current: ≤ 1 A DC
- 1.9 Mating Cycles: ≥ 25 Times
- 2.0 Cable Retation Force: ≥ 110N
- 2.1 Environmental Requirements: Meet RoHS

Fakra Cable Connector, Jack, Waterproof, Type A ~ Type Z

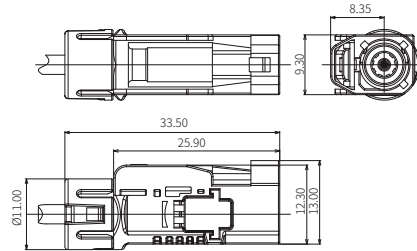
D/N:600-11481-01

● Outline Dimensions

● Technology Parameters



A	Deep Black	818011896
B	Cream White	818011897
C	Signal Blue	818011898
D	Claret Violet	818011899
E	Leaf Green	818011900
F	Nut Brown	818011901
G	Blue Gray	818011902
H	Heather Violet	818011903
I	Beige	818011904
K	Curry	818011905
L	Carmin Red	818011906
M	Pastel Orange	818011907
N	Pastel Green	818011908
Z	Water Blue	818011481
Keying Code	Color	Part No.



- 1.1 Rated Voltage: 60V DC Max
- 1.2 Rated Current: 1A DC Max
- 1.3 Resistance to voltage: 500V AC Min
- 1.4 Insulation Resistance: 100MΩ Min
- 1.5 Center Contact Resistance:
 - Test After: 40 mΩ Max
- 1.6 Outer Contact Resistance:
 - Test After: 40 mΩ Max
- 1.7 Mating Force: 70N Max
- 1.8 Unmating Force: 70N Max
- 1.9 Locking Device Strength: 80N Min
- 2.0 Cable Retention Force: 100N Min
- 2.1 Body Retention Force: 100N Min
- 2.2 Durability: 25Times (Cycles)
- 2.3 Operating Temperature: -40°C~ +105°C
- 2.4 Ingress Protection: IP67&IP68
- 2.5 Frequency Range: DC to 6 GHz
- 2.6 Return Loss:
 - ≥ 17 dB, DC to 6 GHz
- 2.7 Insertion Loss: 0.1 dB@ 1 GHz
- 2.8 Environment Requirements: Meet RoHS

Fakra Cable Connector, Jack, V/T, with Cable Lock, Waterproof , Type A ~ Type Z

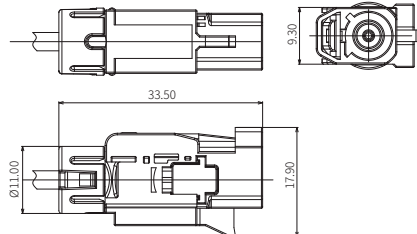
D/N:600-12457-01

● Outline Dimensions

● Technology Parameters



A	Deep Black	818012457
B	Cream White	818012484
C	Signal Blue	818012485
D	Claret Violet	818012486
E	Leaf Green	818012487
F	Nut Brown	818012488
G	Blue Gray	818012489
H	Heather Violet	818012490
I	Beige	818012491
K	Curry	818012492
L	Carmin Red	818012493
M	Pastel Orange	818012494
N	Pastel Green	818012495
Z	Water Blue	818012363
Keying Code	Color	Part No.



- 1.1 Rated Voltage: 60V DC Max
- 1.2 Rated Current: 1A DC Max
- 1.3 Resistance to voltage: 500V AC Min
- 1.4 Insulation Resistance: 100MΩ Min
- 1.5 Center Contact Resistance:
 - Test After: 40 mΩ Max
- 1.6 Outer Contact Resistance:
 - Test After: 40 mΩ Max
- 1.7 Mating Force: 70N Max
- 1.8 Unmating Force: 70N Max
- 1.9 Locking Device Strength: 80N Min
- 2.0 Cable Retention Force: 100N Min
- 2.1 Body Retention Force: 100N Min
- 2.2 Durability: 25Times (Cycles)
- 2.3 Operating Temperature: -40°C~ +105°C
- 2.4 Ingress Protection: IP67&IP68
- 2.5 Frequency Range: DC to 6 GHz
- 2.6 Return Loss: ≥ 17 dB, DC to 6 GHz
- 2.7 Insertion Loss: 0.1 dB@ 1 GHz
- 2.8 Environment Requirements: Meet RoHS

Fakra Cable Connector, Single Jack Housing, without Cable Lock, Type A ~ Type Z

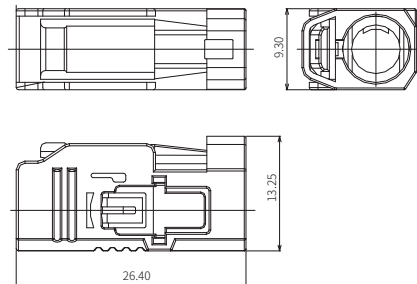
D/N:600-10590-01

● Outline Dimensions

● Technology Parameters



A	Deep Black	818010589
B	Cream White	818010590
C	Signal Blue	818010591
D	Claret Violet	818010592
E	Leaf Green	818010593
F	Nut Brown	818010594
G	Blue Gray	818010595
H	Heather Violet	818010596
I	Beige	818010597
K	Curry	818010598
L	Carmin Red	818010599
M	Pastel Orange	818010600
N	Pastel Green	818010601
Z	Water Blue	818010602
Keying Code	Color	Part No.



- 1.1 Material: PPO
- 1.2 Secondary Lock: PBT
- 1.3 Mating Cycles: ≥ 25 Times (Cycles)
- 1.4 Retention Force Latch: ≥ 110 N
- 1.5 Retention Force Primary Lock:
 - ≥ 80 N
- 1.6 Retention Force Secondary Lock:
 - ≥ 60 N
- 1.7 Thermal Shock:
 - Meet Item 8.2 of DIN 72594-2
- 1.8 Temperature and Humidity:
 - Meet Item 8.3 of DIN 72594-2
- 1.9 Vibration and Mechanical Shock:
 - Meet Item 8.1 of DIN 72594-2
- 2.0 Dry Heat:
 - Meet Item 8.4 of DIN 72594-2
- 2.1 Environmental Requirements: Meet RoHS
- 2.2 Packing: 100 Pcs/PE Bag

Fakra Cable Connector, Jack, R/A, Waterproof

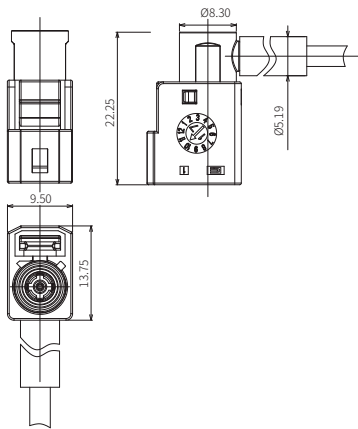
D/N:600-11880-01

● Outline Dimensions

● Technology Parameters



A	Deep Black	818011880
B	Cream White	818011881
C	Signal Blue	818011882
D	Claret Violet	818011883
E	Leaf Green	818011884
F	Nut Brown	818011885
G	Blue Gray	818011886
H	Heather Violet	818011887
I	Beige	818011888
K	Curry	818011889
L	Carmine Red	818011890
M	Pastel Orange	818011891
N	Pastel Green	818011892
Z	Water Blue	818011893
Keying Code	Color	Part No.



- 1.1 Rated Voltage: 60V DC Max
- 1.2 Rated Current: 1A DC Max
- 1.3 Resistance to voltage: 500V AC Min
- 1.4 Insulation Resistance: 100MQ Min
- 1.5 Center Contact Resistance: Test After: 40 mΩ Max
- 1.6 Outer Contact Resistance: Test After: 40 mΩ Max
- 1.7 Mating Force: 70N Max
- 1.8 Unmating Force: 70N Max
- 1.9 Locking Device Strength: 80N Min
- 2.0 Cable Retention Force: 100N Min
- 2.1 Body Retention Force: 100N Min
- 2.2 Durability: 25Times (Cycles)
- 2.3 Operating Temperature: -40°C ~ +105°C
- 2.4 Ingress Protection: IP67&IP68
- 2.5 Frequency Range: DC to 6 GHz
- 2.6 Return Loss: ≥ 17 dB, DC to 6 GHz
- 2.7 Insertion Loss: ≤ 0.1 x √f(GHz) dB
- 2.8 Environment Requirements: Meet RoHS

Fakra Cable Housing, Double Jack Housing without Cable Lock,Type A ~ Type Z

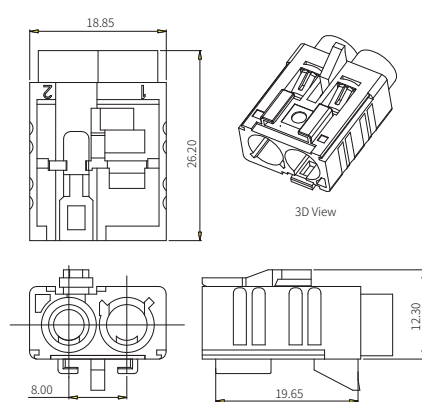
D/N:600-13507-01

● Outline Dimensions

● Technology Parameters



A	Deep Black	818013507
B	Cream White	818013508
C	Signal Blue	818013509
D	Claret Violet	818013510
E	Leaf Green	818013511
F	Nut Brown	818013512
G	Blue Gray	818013513
H	Heather Violet	818013514
I	Beige	818013515
K	Curry	818013516
L	Carmine Red	818013517
M	Pastel Orange	818013518
N	Pastel Green	818013519
Z	Water Blue	818013520
Keying Code	Color	Part No.



- 1.1 Material: PPO
- 1.2 Mating Cycles: ≥ 25(time)
- 1.3 Retention Force Latch: ≥ 110 N
- 1.4 Force to Disengage Lock: ≤ 70N
- 1.5 Connector Engagement Force: Dual-end≤45N
- 1.6 Thermal Shock: Meet Item 8.2 of DIN 72594-2
- 1.7 Temperature and Humidity: Meet Item 8.3 of DIN 72594-2
- 1.8 Vibration and Mechanical Shock: Meet Item 8.1 of DIN 72594-2
- 1.9 Dry Heat: Meet Item 8.4 of DIN 72594-2
- 2.0 Environment Requirements: Meet RoHS
- 2.1 Packing: 100 pcs/PE Bag

Fakra Cable Connector, Jack, R/A, Waterproof

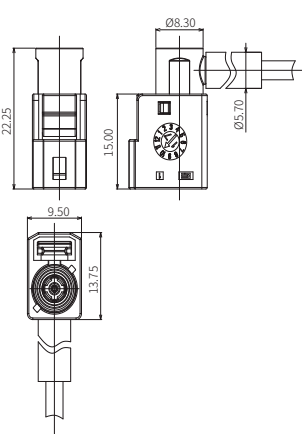
D/N:600-13585-01

● Outline Dimensions

● Technology Parameters



A	Deep Black	818013585
B	Cream White	818013586
C	Signal Blue	818013587
D	Claret Violet	818013588
E	Leaf Green	818013589
F	Nut Brown	818013590
G	Blue Gray	818013591
H	Heather Violet	818013592
I	Beige	818013593
K	Curry	818013594
L	Carmine Red	818013595
M	Pastel Orange	818013596
N	Pastel Green	818013597
Z	Water Blue	818013598
Keying Code	Color	Part No.



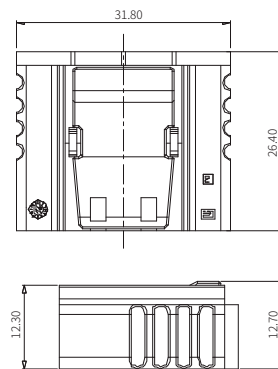
- 1.1 Rated Voltage: 60V DC Max
- 1.2 Rated Current: 1A DC Max
- 1.3 Resistance to voltage: 800V AC Min
- 1.4 Insulation Resistance: 100MQ Min
- 1.5 Center Contact Resistance: Test After: 40 mΩ Max
- 1.6 Outer Contact Resistance: Test After: 40 mΩ Max
- 1.7 Mating Force: 40N Max
- 1.8 Unmating Force: 40N Max
- 1.9 Locking Device Strength: 80N Min
- 2.0 Cable Retention Force: 100N Min
- 2.1 Body Retention Force: 100N Min
- 2.2 Durability: 25Times (Cycles)
- 2.3 Operating Temperature: -40°C ~ +105°C
- 2.4 Frequency Range: DC to 4 GHz
- 2.5 Return Loss: ≥ 17 dB, DC to 6 GHz
- 2.6 Insertion Loss: ≤ 0.1 x √f(GHz) dB
- 2.7 Environment Requirements: Meet RoHS

Fakra Cable, Jack Housing, Quadruple

D/N: 600-15481-01

● Outline Dimensions

● Technology Parameters



- 1.1 Material: PP0
- 1.2 Mating Cycles: ≥25 Cycles
- 1.3 Retention Force Latch: ≥110N
- 1.4 Force to Disengage Lock: ≤70N
- 1.5 Connector Engagement Force: Dual-end≤45N
- 1.6 Thermal Shock: Meet Item 8.2 of DIN 72594-2
- 1.7 Temperature and Humidity: Meet Item 8.3 of DIN 72594-2
- 1.8 Vibration and Mechanical Shock: Meet Item 8.1 of DIN 72594-2
- 1.9 Dry Heat: Meet Item 8.4 of DIN 72594-2
- 2.0 Environment Requirements: Meet RoHS

Fakra Cable Housing, Double Jack Housing with Second Lock,Type A ~ Type Z

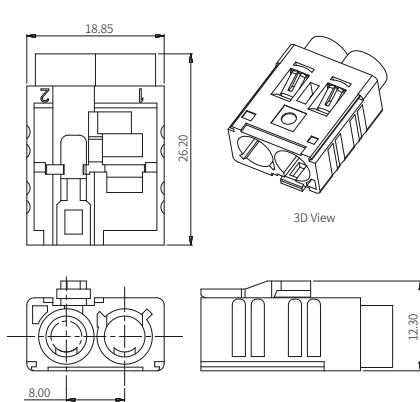
D/N:600-12957-01

● Outline Dimensions

● Technology Parameters



A	Deep Black	818012957
B	Cream White	818012958
C	Signal Blue	818012959
D	Claret Violet	818012960
E	Leaf Green	818012961
F	Nut Brown	818012962
G	Blue Gray	818012963
H	Heather Violet	818012964
I	Beige	818012965
K	Curry	818012966
L	Carmine Red	818012967
M	Pastel Orange	818012968
N	Pastel Green	818012969
Z	Water Blue	818012970
Keying Code	Color	Part No.



- 1.1 Material: PP0
- 1.2 Mating Cycles: ≥ 25(time)
- 1.3 Retention Force Latch: ≥ 110 N
- 1.4 Force to Disengage Lock: ≤ 70N
- 1.5 Connector Engagement Force: Dual-end≤45N
- 1.6 Thermal Shock: Meet Item 8.2 of DIN 72594-2
- 1.7 Temperature and Humidity: Meet Item 8.3 of DIN 72594-2
- 1.8 Vibration and Mechanical Shock: Meet Item 8.1 of DIN 72594-2
- 1.9 Dry Heat: Meet Item 8.4 of DIN 72594-2
- 2.0 Environment Requirements: Meet RoHS
- 2.1 Packing: 100 pcs/PE Bag

Fakra Cable Connector, Jack, R/A

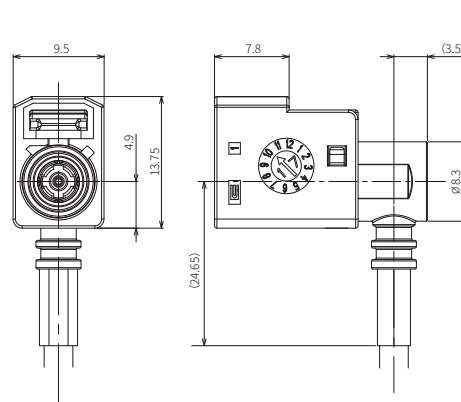
D/N:600-14580-01

● Outline Dimensions

● Technology Parameters



A	Deep Black	818014580
B	Cream White	818014581
C	Signal Blue	818014582
D	Claret Violet	818014583
E	Leaf Green	818014584
F	Nut Brown	818014585
G	Blue Gray	818014586
H	Heather Violet	818014587
I	Beige	818014588
K	Curry	818014589
L	Carmine Red	818014590
M	Pastel Orange	818014591
N	Pastel Green	818014592
Z	Water Blue	818014593
Keying Code	Color	Part No.



- 1.1 Impedance: 50Ω +/-5Ω
- 1.2 Frequency Range: DC to 4 GHz
- 1.3 Return Loss: ≥ 25 dB, DC to 1 GHz
- 1.4 Insertion Loss: ≤ 0.1 x √f(GHz) dB
- 1.5 Center Contact Resistance: ≤5 mΩ
- 1.6 Outer Contact Resistance: ≤5 mΩ
- 1.7 Rated Voltage: 335Vrms
- 1.8 Rated Current: ≤ 1 A DC
- 1.9 Durability: ≥ 25Times (Cycles)
- 2.0 Cable Retention Force: ≥80N
- 2.1 Environment Requirements: Meet RoHS

Fakra Cable Connector, Jack, R/A, Waterproof, Type A~Type Z, 3.3

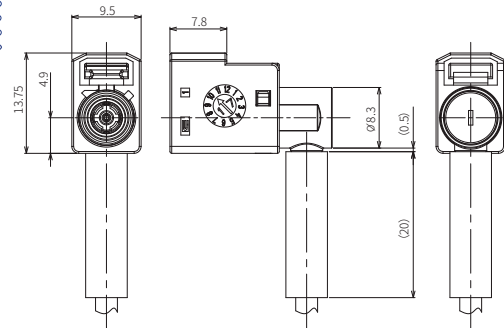
D/N:600-15795-01

- Outline Dimensions

- Technology Parameters



A	Deep Black	818015782
B	Cream White	818015783
C	Signal Blue	818015788
D	Claret Violet	818015785
E	Leaf Green	818015786
F	Nut Brown	818015787
G	Blue Gray	818015788
H	Heather Violet	818015789
I	Beige	818015790
K	Curry	818015791
L	Carmine Red	818015792
M	Pastel Orange	818015793
N	Pastel Green	818015794
Z	Water Blue	818015795
Keying Code	Color	Part No.



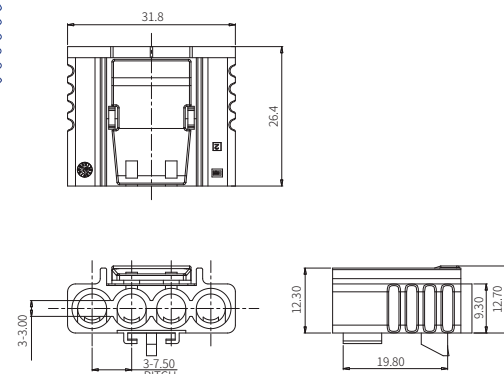
- 1.1 Impedance: 50Ω +/-50
- 1.2 Frequency Range: DC to 4 GHz
- 1.3 Return Loss:
 - ≥ 25 dB, DC to 1 GHz
- 1.4 Insertion Loss:
 - ≤ 0.1 x √f(GHz) dB
- 1.5 Center Contact Resistance:
 - ≤ 5 mΩ
- 1.6 Outer Contact Resistance:
 - ≤ 5 mΩ
- 1.7 Rated Voltage: 335Vrms
- 1.8 Rated Current: ≤ 1 A DC
- 1.9 Durability:
 - ≥ 25Times (Cycles)
- 2.0 Cable Retention Force:
 - ≥ 80N
- 2.1 Environment Requirements:
 - Meet RoHS

Fakra Cable Connector, Jack Housing, Quadruple, With Lock

D/N:600-15738-01

- Outline Dimensions

- Technology Parameters



- 1.1 Material: PP0
- 1.2 Mating Cycles: ≥ 25 Cycles
- 1.3 Retention Force Latch: $\geq 110N$
- 1.4 Force to Disengage Lock: $\leq 70N$
- 1.5 Connector Engagement Force:
Dual-end $\leq 45N$
- 1.6 Thermal Shock:
Meet Item 8.2 of DIN 72594-2
- 1.7 Temperature and Humidity:
Meet Item 8.3 of DIN 72594-2
- 1.8 Vibration and Mechanical Shock:
Meet Item 8.1 of DIN 72594-2
- 1.9 Dry Heat:
Meet Item 8.4 of DIN 72594-2
- 2.0 Environment Requirements:
Meet RoHS

Fakra Cable Connector, Plug Housing, Double, With Lock

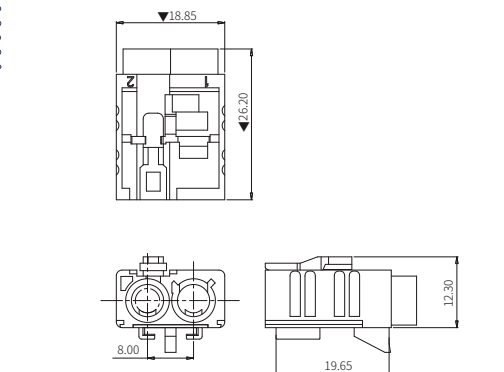
D/N:600-16224-01

- Outline Dimensions

- Technology Parameters



A	Deep Black	818016224
B	Cream White	818016225
C	Signal Blue	818016226
D	Claret Violet	818016227
E	Leaf Green	818016228
F	Nut Brown	818016229
G	Blue Gray	818016230
H	Heather Violet	818016231
I	Beige	818016232
K	Curry	818016233
L	Carmine Red	818016234
M	Pastel Orange	818016235
N	Pastel Green	818016236
Z	Water Blue	818016237
Keying Code	Color	Part No.



- 1.1 Material: PP0
- 1.2 Mating Cycles: $\geq 25(\text{time})$
- 1.3 Retention Force Latch: $\geq 110 \text{ N}$
- 1.4 Force to Disengage Lock: $\leq 70 \text{ N}$
- 1.5 Connector Engagement Force:
Dual-end $\leq 45 \text{ N}$
- 1.6 Thermal Shock:
Meet Item 8.2 of DIN 72594-2
- 1.7 Temperature and Humidity:
Meet Item 8.3 of DIN 72594-2
- 1.8 Vibration and Mechanical Shock:
Meet Item 8.1 of DIN 72594-2
- 1.9 Dry Heat:
Meet Item 8.4 of DIN 72594-2
- 2.0 Environment Requirements:
Meet RoHS
- 2.1 Packing: 100 pcs/PE Bag

Fakra Cable Connector, Jack, R/A, 3.3 For Coding C

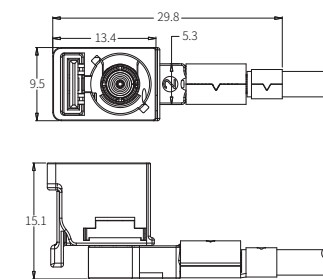
D/N:600-15884-01

- Outline Dimensions

- Technology Parameters



A	Deep Black	81801588
B	Cream White	81801588
C	Signal Blue	81801588
D	Claret Violet	81801588
E	Leaf Green	81801588
F	Nut Brown	81801588
G	Blue Gray	81801588
H	Heather Violet	81801589
I	Beige	81801589
K	Curry	81801589
L	Carmine Red	81801589
M	Pastel Orange	81801589
N	Pastel Green	81801589
Z	Water Blue	81801589
Keying Code	Color	Part No.



- 1.1 Impedance: $50\Omega \pm 5\Omega$
- 1.2 Frequency Range:
DC to 4 GHz
- 1.3 Return Loss:
 $\geq 25\text{ dB}$, DC to 1 GHz
- 1.4 Insertion Loss:
 $\leq 0.1 \times \sqrt{f(\text{GHz})}\text{ dB}$
- 1.5 Center Contact Resistance:
 $\leq 5\text{ m}\Omega$
- 1.6 Outer Contact Resistance:
 $\leq 5\text{ m}\Omega$
- 1.7 Rated Voltage: 335Vrms
- 1.8 Rated Current: $\leq 1\text{ A DC}$
- 1.9 Durability:
 $\geq 25\text{ Times (Cycles)}$
- 2.0 Cable Retention Force:
 $\geq 80\text{ N}$
- 2.1 Environment Requirements:
Meet RoHS

Fakra Cable Connector, Jack Housing, Single, With Lock

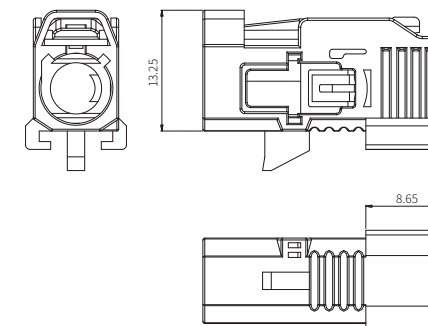
D/N:600-14026-01

- Outline Dimensions

- Technology Parameters



A	Deep Black	81801402
B	Cream White	81801402
C	Signal Blue	81801402
D	Claret Violet	81801402
E	Leaf Green	81801403
F	Nut Brown	81801403
G	Blue Gray	81801403
H	Heather Violet	81801403
I	Beige	81801403
K	Curry	81801403
L	Carmine Red	81801403
M	Pastel Orange	81801403
N	Pastel Green	81801403
Z	Water Blue	81801403
Keying Code	Color	Part No.



- 1.1 Impedance: 50Ω $\pm$ 5Ω
- 1.2 Frequency Range:
DC to 4 GHz
- 1.3 Return Loss:
 ≥ 25 dB, DC to 1 GHz
- 1.4 Insertion Loss:
 $\leq 0.1 \times \sqrt{f(\text{GHz})}$ dB
- 1.5 Center Contact Resistance:
 ≤ 5 mΩ
- 1.6 Outer Contact Resistance:
 ≤ 5 mΩ
- 1.7 Rated Voltage: 335Vrms
- 1.8 Rated Current: ≤ 1 A DC
- 1.9 Durability:
 ≥ 25 Times (Cycles)
- 2.0 Cable Retention Force:
 ≥ 80 N
- 2.1 Environment Requirements:
Meet RoHS

Fakra Cable Jack, R/A, L=13.4mm, W=9.5mm, Type A~Type Z (RG174/RG316)

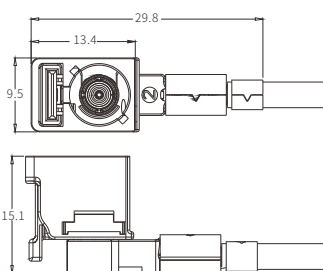
D/N: 600-23762-01

- Outline Dimensions

- Technology Parameters



A	Deep Black	81802376
B	Cream White	81802376
C	Signal Blue	81802376
D	Claret Violet	81802376
E	Leaf Green	81802376
F	Nut Brown	81802376
G	Blue Gray	81802376
H	Heather Violet	81802376
I	Beige	81802376
K	Curry	81802376
L	Carmine Red	81802376
M	Pastel Orange	81802376
N	Pastel Green	81802376
Z	Water Blue	81802376
Keying Code	Color	Part No.



- 1.1 Impedance: 50Ω +/-5Ω
- 1.2 Frequency Range:
DC to 4 GHz
- 1.3 Return Loss:
≥ 25 dB, DC to 1 GHz
- 1.4 Insertion Loss:
≤ $0.1 \times \sqrt{f(\text{GHz})}$ dB
- 1.5 Center Contact Resistance:
≤ 5 mΩ
- 1.6 Outer Contact Resistance:
≤ 5 mΩ
- 1.7 Rated Voltage: 335Vrms
- 1.8 Rated Current: ≤ 1 A DC
- 1.9 Durability:
≥ 25Times (Cycles)
- 2.0 Cable Retention Force:
≥ 80N
- 2.1 Environment Requirements:
Meet RoHS

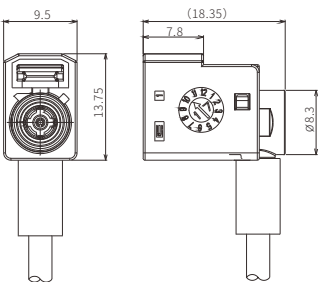
Fakra Cable Jack, R/A, Waterproof, Type A~ Type Z (Short Type)

D/N: 600-25860-01

● Outline Dimensions

● Technology Parameters

A	Deep Black	818025847
B	Cream White	818025848
C	Signal Blue	818025849
D	Claret Violet	818025850
E	Leaf Green	818025851
F	Nut Brown	818025852
G	Blue Gray	818025853
H	Heather Violet	818025854
I	Beige	818025855
K	Curry	818025856
L	Carmines Red	818025857
M	Pastel Orange	818025858
N	Pastel Green	818025859
Z	Water Blue	818025860
Keying Code	Color	Part No.



- Electrical Performance**
- 1.1 Impedance: 50+/-5 Ω
 - 1.2 Frequency: DC to 4 GHz
 - 1.3 Insertion Loss: $\leq 0.1 \times \sqrt{f(\text{GHz})}$ dB
 - 1.4 Insulation Resistance: $\geq 100\text{M}\Omega$
 - 1.5 Center Contact Resistance: 5mΩ Max
 - 1.6 Outer Contact Resistance: 5mΩ Max
 - 1.7 Test Voltage: 500V rms
 - 1.8 Working Voltage: 60V rms
 - 1.9 Contact Current: $\leq 1\text{ A DC}$
- Mechanical Performance**
- 2.0 Mating Cycles: ≥ 25 Times
 - 2.1 Mating Force: $\leq 30\text{ N}$
 - 2.2 Retention Force Latch $\geq 100\text{ N}$
 - 2.3 Temperature Range: -40 °C - +105 °C
 - 2.4 Ingress Protection: IP67

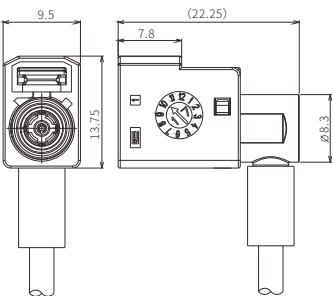
Fakra Cable Jack, R/A, Waterproof, Type A~ Type Z for Not-Rotate

D/N: 600-30487-01

● Outline Dimensions

● Technology Parameters

A	Deep Black	818030474
B	Cream White	818030475
C	Signal Blue	818030476
D	Claret Violet	818030477
E	Leaf Green	818030478
F	Nut Brown	818030479
G	Blue Gray	818030480
H	Heather Violet	818030481
I	Beige	818030482
K	Curry	818030483
L	Carmines Red	818030484
M	Pastel Orange	818030485
N	Pastel Green	818030486
Z	Water Blue	818030487
Keying Code	Color	Part No.



- Electrical Performance**
- 1.1 Impedance: 50Ω +/-5Ω
 - 1.2 Frequency Range: DC to 4 GHz
 - 1.3 VSWR: 1.5 Max
 - 1.4 Insertion Loss: $\leq 0.1 \times \sqrt{f(\text{GHz})}$ dB
 - 1.5 Center Contact Resistance: 5mΩ Max
 - 1.6 Outer Contact Resistance: 5mΩ Max
 - 1.7 Rated Voltage: 60 V DC
 - 1.8 Rated Current: 1 A DC Max
- Mechanical Performance**
- 1.9 Mating Cycles: ≥ 25
 - 2.0 Mating Force: 30N Max
 - 2.1 Cable Retention Force: 100 N Min
 - 2.2 Temperature Range: -40 °C - +105 °C
 - 2.3 Ingress Protection: IP68&IPX9K

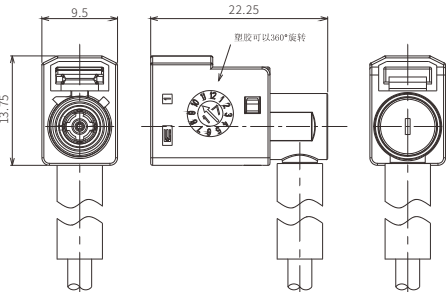
Fakra Cable Jack, R/A, Waterproof, Type A~ Type Z

D/N: 600-12185-01

● Outline Dimensions

● Technology Parameters

A	Deep Black	818012185
B	Cream White	818012599
C	Signal Blue	818012600
D	Claret Violet	818012601
E	Leaf Green	818012602
F	Nut Brown	818012603
G	Blue Gray	818012604
H	Heather Violet	818012605
I	Beige	818012606
K	Curry	818012607
L	Carmines Red	818012608
M	Pastel Orange	818012609
N	Pastel Green	818012610
Z	Water Blue	818012611
Keying Code	Color	Part No.



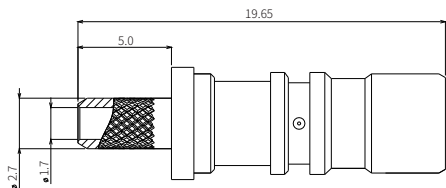
- 1.1 Rated Voltage: 60V DC Max
- 1.2 Rated Current: 1A DC Max
- 1.3 Resistance to voltage: 500V AC Min
- 1.4 Insulation Resistance: 100MΩ Min
- 1.5 Center Contact Resistance:
Test After: 40 mΩ Max
- 1.6 Outer Contact Resistance:
Test After: 40 mΩ Max
- 1.7 Mating Force: 70N Max
- 1.8 Unmating Force: 70N Max
- 1.9 Locking Device Strength: 80N Min
- 2.0 Cable Retention Force: 100N Min
- 2.1 Body Retention Force: 100N Min
- 2.2 Durability: 25Times (Cycles)
- 2.3 Operating Temperature: -40°C ~ +105°C
- 2.4 Ingress Protection: IP67&IP68
- 2.5 Frequency Range: DC to 6 GHz
- 2.6 Return Loss:
 $\geq 17\text{ dB}$, DC to 6 GHz
- 2.7 Insertion Loss: $\leq 0.1 \times \sqrt{f(\text{GHz})}$ dB
- 2.8 Environment Requirements: Meet RoHS

Fakra II Jack Connector, Automata Version (RG174/RG316)

D/N:600-33618-01

● Outline Dimensions

● Technology Parameters



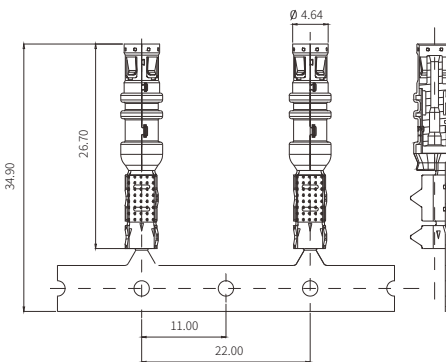
- 1.1 Impedance:50Ω
- 1.2 Frequency:DC to 4 GHz
- 1.3 Return Loss:
 $\geq 23\text{dB}$ DC 0~1GHz
 $\geq 17\text{dB}$ DC 1~3GHz
 $\geq 14\text{dB}$ DC 3~6GHz
- 1.4 Insertion Loss:
 $\leq 0.1 \times \sqrt{f(\text{GHz})}$ dB
- 1.5 Center Contact Resistance: $\leq 10\text{ m}\Omega$
- 1.6 Outer Contact Resistance: $\leq 10\text{ m}\Omega$
- 1.7 Rated Voltage:335Vrms
- 1.8 Rated Current: $\leq 1\text{ A DC}$
- 1.9 Mating Cycles: ≥ 25 Times
- 2.0 Cable Retation Force: $\geq 110\text{N}$
- 2.1 Environmental Requirements:
Meet RoHS

Fakra IV Jack Terminal, Assy for Jack (RG174/RG316)

D/N: 600-23104-01

● Outline Dimensions

● Technology Parameters



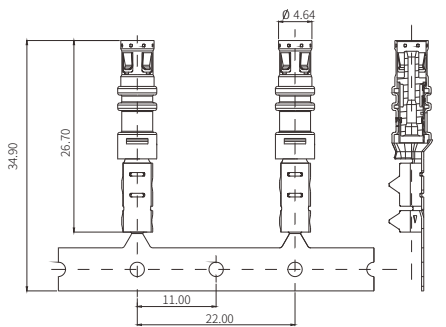
- 1.1 Impedance: 50Ω
- 1.2 Frequency Range: DC to 6 GHz
- 1.3 Return Loss:
 $\geq 23\text{dB}$ DC 0~1GHz
 $\geq 17\text{dB}$ DC 1~3GHz
 $\geq 14\text{dB}$ DC 3~6GHz
- 1.4 Insertion Loss:
 $\leq 0.1 \times \sqrt{f(\text{GHz})}$ dB
- 1.5 Center Contact Resistance:
 $\leq 10\text{ m}\Omega$
- 1.6 Outer Contact Resistance:
 $\leq 10\text{ m}\Omega$
- 1.7 Rated Voltage: 335Vrms
- 1.8 Rated Current: $\leq 1\text{ A DC}$
- 1.9 Mating Cycles: ≥ 25 Times
- 2.0 Cable Retention Force:
 $\geq 110\text{N}$
- 2.1 Environment Requirements:
Meet RoHS

Fakra IV Jack Terminal, Assy for Jack (RTK031)

D/N: 600-26801-01

● Outline Dimensions

● Technology Parameters



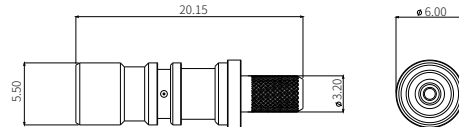
- 1.1 Impedance: 50Ω
- 1.2 Frequency Range: DC to 6 GHz
- 1.3 Return Loss:
 $\geq 23\text{dB}$ DC 0~1GHz
 $\geq 17\text{dB}$ DC 1~3GHz
 $\geq 14\text{dB}$ DC 3~6GHz
- 1.4 Insertion Loss:
 $\leq 0.1 \times \sqrt{f(\text{GHz})}$ dB
- 1.5 Center Contact Resistance:
 $\leq 10\text{ m}\Omega$
- 1.6 Outer Contact Resistance:
 $\leq 10\text{ m}\Omega$
- 1.7 Rated Voltage: 335Vrms
- 1.8 Rated Current: $\leq 1\text{ A DC}$
- 1.9 Mating Cycles: ≥ 25 Times
- 2.0 Cable Retention Force:
 $\geq 110\text{N}$
- 2.1 Environment Requirements:
Meet RoHS

Fakra II Jack Connector, Automata Version (RTK031)

D/N:600-33619-01

● Outline Dimensions

● Technology Parameters



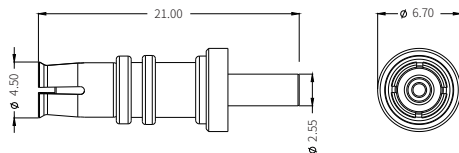
- 1.1 Impedance:50Ω
- 1.2 Frequency:DC to 4 GHz
- 1.3 Return Loss:
≥23dB DC 0~1GHz
≥17dB DC 1~3GHz
≥14dB DC 3~6GHz
- 1.4 Insertion Loss:
≤ 0.1 x √f(GHz) dB
- 1.5 Center Contact Resistance: ≤10 mΩ
- 1.6 Outer Contact Resistance: ≤10 mΩ
- 1.7 Rated Voltage:335Vrms
- 1.8 Rated Current: ≤ 1 A DC
- 1.9 Mating Cycles: ≥ 25 Times
- 2.0 Cable Retation Force: ≥110N
- 2.1 Environmental Requirements:
Meet RoHS

Fakra V Jack Connector, Automata Version (RTK031)

D/N:600-41343-01

● Outline Dimensions

● Technology Parameters



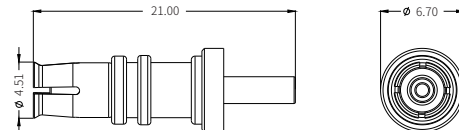
- 1.1 Impedance:50Ω
- 1.2 Frequency:DC to 4 GHz
- 1.3 Return Loss:
≥23dB DC 0~1GHz
≥17dB DC 1~3GHz
≥14dB DC 3~6GHz
- 1.4 Insertion Loss:
≤ 0.1 x √f(GHz) dB
- 1.5 Center Contact Resistance: ≤10 mΩ
- 1.6 Outer Contact Resistance: ≤10 mΩ
- 1.7 Rated Voltage: 335Vrms
- 1.8 Rated Current: ≤ 1 A DC
- 1.9 Mating Cycles: ≥ 25 Times
- 2.0 Cable Retation Force: ≥110N
- 2.1 Environmental Requirements:
Meet RoHS

Fakra V Jack Connector, Automata Version (RG174/RG316)

D/N:600-41342-01

● Outline Dimensions

● Technology Parameters



- 1.1 Impedance:50Ω
- 1.2 Frequency:DC to 4 GHz
- 1.3 Return Loss:
≥23dB DC 0~1GHz
≥17dB DC 1~3GHz
≥14dB DC 3~6GHz
- 1.4 Insertion Loss:
≤ 0.1 x √f(GHz) dB
- 1.5 Center Contact Resistance: ≤10 mΩ
- 1.6 Outer Contact Resistance: ≤10 mΩ
- 1.7 Rated Voltage:335Vrms
- 1.8 Rated Current: ≤ 1 A DC
- 1.9 Mating Cycles: ≥ 25 Times
- 2.0 Cable Retation Force: ≥110N
- 2.1 Environmental Requirements:
Meet RoHS

Fakra Cable, Jack, R/A, Waterproof, Type A~Type Z(Short Type)

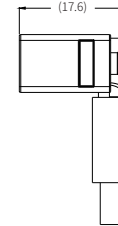
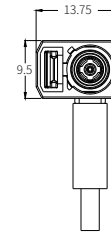
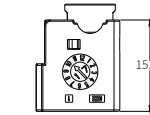
D/N:600-44514-01

● Outline Dimensions

● Technology Parameters



A	Deep Black	818044514
B	Cream White	818044515
C	Signal Blue	818044516
D	Date Red	818044517
E	Leaf Green	818044518
F	Nut Brown	818044519
G	Blue Gray	818044520
H	Heather Violet	818044521
I	Beige	818044522
K	Curry	818044523
L	Carmine Red	818044524
M	Pastel Orange	818044525
N	Pastel Green	818044526
Z	Water Blue	818044527
Keying Code	Color	Part No.



- Electrical Performance**
- 1.1 Impedance:50+/-5 Ω
- 1.2 Frequency Range:DC to 6GHz
- 1.3 Insertion Loss: ≤ 0.1 x √f(GHz) dB
- 1.4 Insulation Resistance: ≥ 100MΩ
- 1.5 Center Contact Resistance:24mΩ Max
- 1.6 Outer Contact Resistance:6mΩ Max
- 1.7 Test Voltage:500V rms
- 1.8 Working Voltage:60V rms
- 1.9 Contact Current: ≤ 1 A DC

- Mechanical Performance**
- 2.0 Mating Cycles: ≥ 25 Times
- 2.1 Engagement Force: ≤ 30 N
- 2.2 Rentention Force Latch: ≥ 110 N
- 2.3 Temperature Range: -40 °C - +105 °C
- 2.4 Ingress Protection:IP67 N
- 2.3 Temperature Range:
-40 °C - +105 °C

Fakra 1+2 V/T Cable Connector, Jack

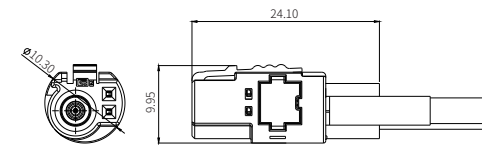
D/N: 600-43068-01

● Outline Dimensions

● Technology Parameters



A	Deep Black	818043068
B	Cream White	818043069
C	Signal Blue	818043070
D	Date Red	818043071
E	Leaf Green	818043072
F	Nut Brown	818043073
G	Blue Gray	818043074
H	Heather Violet	818043075
L	Carmine Red	818043076
K	Curry	818043077
Z	Water Blue	818043078
Keying Code	Color	Part No.



- 1.1 Impedance:50Ω
- 1.2 Frequency:DC to 6 GHz
- 1.3 Return Loss:
≥23dB DC 0~1GHz
≥17dB DC 1~3GHz
≥14dB DC 3~6GHz
- 1.4 Insertion Loss:
≤ 0.1 x √f(GHz) dB
- 1.5 Center Contact Resistance: ≤24 mΩ
- 1.6 Outer Contact Resistance: ≤6 mΩ
- 1.7 Working Voltage:335Vrms
- 1.8 Current Rating:
Power PIN: ≤ 3 A DC
Center PIN: ≤ 1 A DC
- 1.9 Mating Cycles: ≥ 25 Times
- 2.0 Cable Retation Force: ≥110N
- 2.1 Environmental Requirements:
Meet RoHS

Fakra 1+2 R/A Cable Connector, Jack

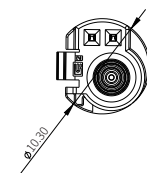
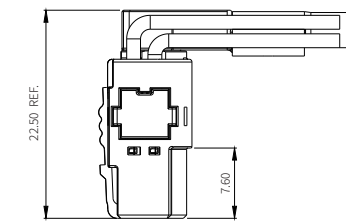
D/N: 600-43574-01

● Outline Dimensions

● Technology Parameters

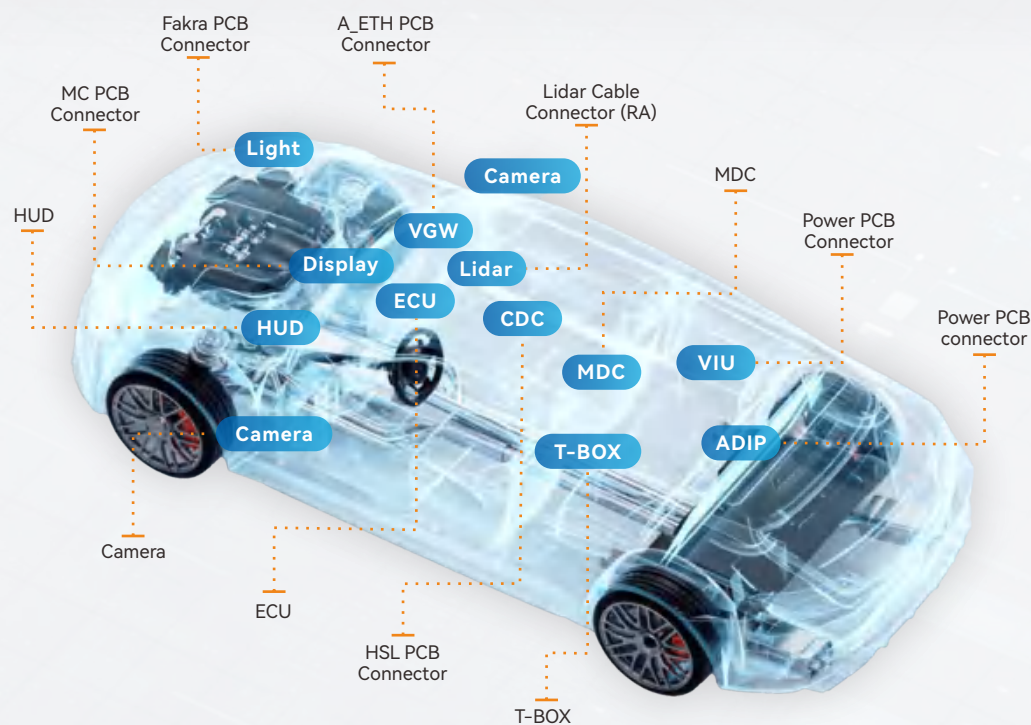


A	Deep Black	818043574
B	Cream White	818043575
C	Signal Blue	818043576
D	Date Red	818043577
E	Leaf Green	818043578
F	Nut Brown	818043579
G	Blue Gray	818043580
H	Heather Violet	818043581
L	Carmine Red	818043582
K	Curry	818043583
Z	Water Blue	818043584
Keying Code	Color	Part No.



- 1.1 Impedance:50Ω
- 1.2 Frequency:DC to 6 GHz
- 1.3 Return Loss:
≥23dB DC 0~1GHz
≥17dB DC 1~3GHz
≥14dB DC 3~6GHz
- 1.4 Insertion Loss:
≤ 0.1 x √f(GHz) dB
- 1.5 Center Contact Resistance: ≤24 mΩ
- 1.6 Outer Contact Resistance: ≤6 mΩ
- 1.7 Working Voltage:335Vrms
- 1.8 Current Rating:
Power PIN: ≤ 3 A DC
Center PIN: ≤ 1 A DC
- 1.9 Mating Cycles: ≥ 25 Times
- 2.0 Cable Retation Force: ≥110N
- 2.1 Environmental Requirements:
Meet RoHS

Mini Fakra Connector Series



Mini Fakra(R-MF) 1 Pos, PCB Connector Plug, R/A

D/N: 600-19569-01

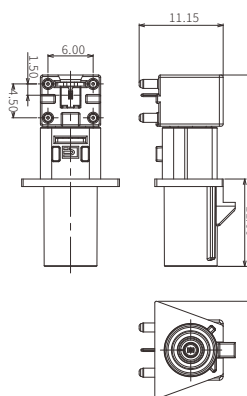
- Outline Dimensions

- PCB Layout

- Technology Parameters



A	Deep Black	818019569
B	Cream White	818022675
C	Signal Blue	818022676
D	Claret Violet	818022677
E	Leaf Green	818022678
F	Nut Brown	818022679
G	Blue Gray	818022680
H	Heather Violet	818022681
I	Beige	818022682
K	Curry	818022683
L	Carmine Red	818022684
M	Pastel Orange	818022685
N	Pastel Green	818022686
Z	Water Blue	818022687
Keying	Color	Part No.



Material

- Housing: PA4T
- Outer Contact: Copper Alloy
- Center Pin: Copper Alloy
- Insulator: LCP
- Body : Zinc Alloy

Electrical Performance

- 1.1 Impedance: 50 Ω
- 1.2 Frequency: DC to 9 GHz
- 1.3 Return Loss :
 - ≥ 15 dB, 6 GHz to 9 GHz
 - ≥ 20 dB, DC to 6 GHz
- 1.4 Insertion Loss: $\leq 0.1 \times \sqrt{f(\text{GHz})}$ dB
- 1.5 Insulation Resistance: $\geq 100\text{M}\Omega$
- 1.6 Center Contact Resistance: 24m Ω Max
- 1.7 Outer Contact Resistance: 6m Ω Max
- 1.8 Test Voltage: 750V rms
- 1.9 Working Voltage: 335V rms
- 2.0 Contact Current: ≤ 1 A DC
- 2.1 RF-leakage: ≥ 65 dB

Mechanical Performance

- 2.2 Mating Cycles: ≥ 25 Times
2.3 Mating Force: ≤ 60 N
2.4 Center Pin Retention Force: ≥ 50 N
2.5 Retention Force Latch: ≥ 110 N
2.6 Temperature Range:
-40°C - +105°C

Mini Fakra(A-MF) 4Pos PCB Connector Plug R/A Type A~ Type D Sealed

D/N: 600-36749-01

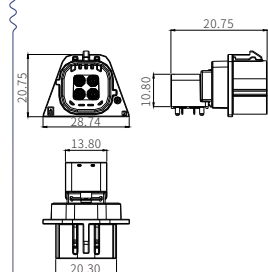
- Outline Dimensions

- PCB Layout

- Technology Parameters



A	Deep Black	818036749
B	Cream White	818036750
C	Signal Blue	818036751
D	Date Red	818036752
Keying Code	Color	Part No.



Material

- Plastic Housings: PA4T
- Outer Contact: Copper Alloy
- Center Pin: Copper Alloy
- Insulator: LCP
- Outer Contact
- Housings : Zinc Alloy
- EMC Stainless Steel: Copper Alloy
- Stainless Steel: Stainless Steel
- Locking Plate: Stainless Steel
- Type Z, High Temperature Resistant Type, Reflow Soldering

Electrical Performance

- 1.1 Impedance: 50 Ω
- 1.2 Frequency Range: DC to 9 GHz
- 1.3 Return Loss:
 - ≤ -20 dB 0~6 GHz
 - ≤ -12 dB 6~9 GHz
- 1.4 Insertion Loss: $\leq 0.1 \times \sqrt{f(\text{GHz})}$ dB
- 1.5 Insulation Resistance: ≥ 100 M Ω
- 1.6 Center Contact Resistance: 24m Ω Max
- 1.7 Outer Contact Resistance: 5m Ω Max
- 1.8 Test Voltage: 500V rms
- 1.9 Working Voltage: 12V DC
- 2.0 Contact Current: ≤ 0.5 A DC
- 2.1 RF-leakage: ≥ 65 dB

Mechanical Performance

- 2.2 Mating Cycles: ≥ 25 Times
2.3 Engagement Force: ≤ 75 N
2.4 Center Pin Retention Force: ≥ 10 N
2.5 Retention Force Latch: ≥ 110 N
2.6 Temperature Range:
-40°C - +105°C

Mini Fakra(R-MF) 1 Pos, PCB Connector Plug, R/A

D/N:600-26553-01

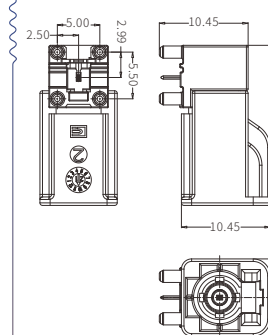
- Outline Dimensions

- PCB Layout

- Technology Parameters



A	Deep Black	818026542
B	Cream White	818026543
C	Signal Blue	818026544
D	Claret Violet	818026545
E	Leaf Green	818026546
F	Nut Brown	818026547
G	Blue Gray	818026548
H	Heather Violet	818026549
I	Beige	818026550
K	Curry	818026551
L	Carmine Red	—
M	Pastel Orange	—
N	Pastel Green	818026554
Z	Water Blue	818026555
Keying	Color	Part No.



Material

- Plastic Housings: PA4T
- Center Pin: Brass
- Insulator: LCP
- Outer ContactBody: Zinc Alloy
- Locking Plate: Stainless Steel
- Type A-Z, High Temperature Resistance, Reflow Soldering

Electrical Performance

- 1.1 Impedance: 50 Ω
- 1.2 Frequency: DC to 9 GHz
- 1.3 Return Loss:
 - ≤ -20 dB, 0–6 GHz
 - ≤ -12 dB, 6–9 GHz
- 1.4 Insertion Loss: $\leq 0.1 \times \sqrt{f}$ (GHz) dB
- 1.5 Insulation Resistance: ≥ 100 M Ω
- 1.6 Center Contact Resistance: 24 m Ω Max
- 1.7 Outer Contact Resistance: 6 m Ω Max
- 1.8 Test Voltage: 500 V rms
- 1.9 Working Voltage: 12 V DC
- 2.0 Contact Current: ≤ 0.5 A DC
- 2.1 RF-leakage: ≥ 65 dB

Mechanical Performance

- 2.2 Mating Cycles: ≥ 25 Times
2.3 Mating Force: ≤ 25 N
2.4 Center Pin Retention Force: ≥ 10 N
2.5 Retention Force Latch: ≥ 110 N
2.6 Temperature Range:
-40 °C - +105 °C

Mini Fakra(R-MF) 2 Pos, PCB Connector Plug, R/A

D/N: 600-26577-01

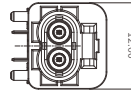
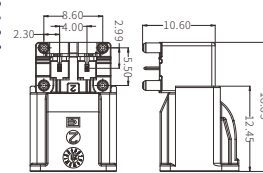
● Outline Dimensions

● PCB Layout

● Technology Parameters



A	Deep Black	818026566
B	Cream White	818026567
C	Signal Blue	818026568
D	Claret Violet	818026569
E	Leaf Green	818026570
F	Nut Brown	818026571
G	Blue Gray	818026572
H	Heather Violet	818026573
I	Beige	818026574
K	Curry	818026575
L	Carmine Red	---
M	Pastel Orange	---
N	Pastel Green	818026578
Z	Water Blue	818026579
Keying Code	Color	Part No.



Material

- Plastic Housings: PA4T
- Center Pin: Brass
- Insulator: LCP
- Outer ContactBody: Zinc Alloy
- Locking Plate: Stainless Steel
- Type A~Z, High Temperature Resistance, Reflow Soldering

Electrical Performance

- 1.1 Impedance: 50 Ω
- 1.2 Frequency: DC to 9 GHz
- 1.3 Return Loss:
 - ≤ -20dB, 0~6 GHz
 - ≤ -12dB, 6~9 GHz
- 1.4 Insertion Loss: ≤ 0.1 x √f(GHz) dB
- 1.5 Insulation Resistance: ≥ 100MΩ
- 1.6 Center Contact Resistance: 24mΩ Max
- 1.7 Outer Contact Resistance: 6mΩ Max
- 1.8 Test Voltage: 500V rms
- 1.9 Working Voltage: 12V DC
- 2.0 Contact Current: ≤ 0.5 A DC
- 2.1 RF-leakage: ≥ 65 dB

Mechanical Performance

- 2.2 Mating Cycles: ≥ 25 Times
- 2.3 Mating Force: ≤ 45 N
- 2.4 Center Pin Retention Force: ≥ 10N
- 2.5 Rentention Force Latch: ≥ 110 N
- 2.6 Temperature Range: -40 °C ~ +105 °C

Mini Fakra(R-MF) 4 Pos, PCB Connector Plug, V/T

D/N: 600-48479-01

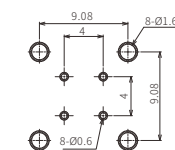
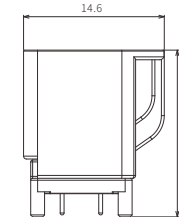
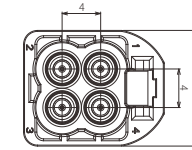
● Outline Dimensions

● PCB Layout

● Technology Parameters



A	Deep Black	818048473
B	Cream White	818048474
C	Signal Blue	818048475
D	Claret Violet	818048476
E	Leaf Green	818048477
F	Nut Brown	818048478
G	Blue Gray	---
H	Heather Violet	---
I	Beige	---
K	Curry	---
L	Carmine Red	---
M	Pastel Orange	---
N	Pastel Green	---
Z	Water Blue	818048479
Keying Code	Color	Part No.



Material

- Housing: PA4T
- Insulator: TPFE
- Center Pin: Copper Alloy
- Outer Contact: Copper Alloy
- Body: Zinc Alloy
- Lock: Stainless Steel

Electrical Performance

- 1.1 Impedance: 50Ω
- 1.2 Frequency Range: DC to 6 GHz
- 1.3 Return Loss:
 - ≤ -18 dB, DC to 3 GHz
 - ≤ -14 dB, DC 3 to 6 GHz
- 1.4 Insertion Loss: ≤ 0.1 x √f(GHz) dB
- 1.5 Center Contact Resistance: 24mΩ Max
- 1.6 Outer Contact Resistance: 6mΩ Max
- 1.7 Rated Voltage: 60 V DC
- 1.8 Rated Current: ≤ 1 A DC

Mechanical Performance

- 1.9 Mating Cycles: ≥ 25
- 2.0 Mating Force: ≤ 45N
- 2.1 Unmating Force: 5N < F ≤ 45 N
- 2.2 Rentention Force Latch: ≥ 110 N
- 2.3 Temperature Range: -40 °C ~ +105 °C

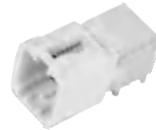
Mini Fakra(T-MF)4 Pos PCB Connector Plug R/A Type A~Type Z Unsealed

D/N: 600-14012-02

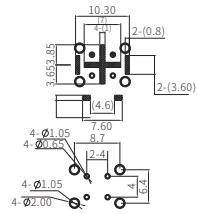
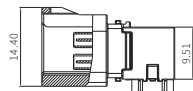
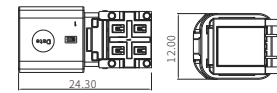
● Outline Dimensions

● PCB Layout

● Technology Parameters



A	Deep Black	ECT 818014012
B	Cream White	ECT 818014013
C	Signal Blue	ECT 818014014
D	Date Red	ECT 818014015
E	Leaf Green	ECT 818014016
F	Nut Brown	ECT 818014017
G	---	---
H	---	---
I	---	---
K	---	---
L	---	---
M	---	---
N	---	---
Z	Water Blue	ECT 818014018
Keying Code	Color	Part No.



Material

- Plastic Housings: PPA
- Center Pin: Copper Alloy
- Insulator: LCP
- Outer Contact Housings: Zinc Alloy
- Locking Plate: Stainless Steel
- Type A~Z, High Temperature Resistant Type, Reflow Soldering

Electrical Performance

- 1.1 Impedance: 50 Ω
- 1.2 Frequency Range: DC to 9 GHz
- 1.3 Return Loss:
 - ≤ -20dB 0~6 GHz
 - ≤ -12dB 6~9 GHz
- 1.4 Insertion Loss: ≤ 0.1 x √f(GHz) dB
- 1.5 Insulation Resistance: ≥ 100MΩ
- 1.6 Center Contact Resistance: 24mΩ Max
- 1.7 Outer Contact Resistance: 5mΩ Max
- 1.8 Test Voltage: 500V rms
- 1.9 Working Voltage: 12V DC
- 2.0 Contact Current: ≤ 0.5 A DC
- 2.1 RF-leakage : ≥ 65 dB

Mechanical Performance

- 2.2 Mating Cycles: ≥ 25 Times
- 2.3 Engagement Force: ≤ 45 N
- 2.4 Center Pin Retention Force: ≥ 10N
- 2.5 Rentention Force Latch: ≥ 110 N
- 2.6 Temperature Range: -40 °C ~ +105 °C

Mini Fakra(A-MF) 4X4 Pos, PCB Connector Plug, R/A

D/N: 600-35774-01

● Outline Dimensions

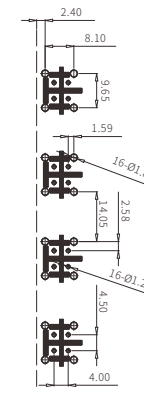
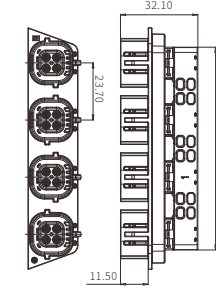
● PCB Layout

● Technology Parameters



Material

- Plastic Housings: PA4T
- Outer Contact: Phosphorus Copper
- Center Pin: Brass
- Insulator: LCP
- Outer ContactBody: Zinc Alloy
- EMC Stainless Steel: Phosphorus Copper
- Bulkhead: Brass
- Locking Plate: Stainless Steel
- Lock: Stainless Steel
- Type Z, High Temperature Resistance, Reflow Soldering



Electrical Performance

- 1.1 Impedance: 50 Ω
- 1.2 Frequency: DC to 9 GHz
- 1.3 Return Loss:
 - ≤ -20dB, 0~6 GHz
 - ≤ -12dB, 6~9 GHz
- 1.4 Insertion Loss: ≤ 0.1 x √f(GHz) dB
- 1.5 Insulation Resistance: ≥ 100MΩ
- 1.6 Center Contact Resistance: 24mΩ Max
- 1.7 Outer Contact Resistance: 6mΩ Max
- 1.8 Test Voltage: 500V rms
- 1.9 Working Voltage: 12V DC
- 2.0 Contact Current: ≤ 0.5 A DC
- 2.1 RF-leakage: ≥ 65 dB

Mechanical Performance

- 2.2 Mating Cycles: ≥ 25 Times
- 2.3 Mating Force: ≤ 75 N
- 2.4 Center Pin Retention Force: ≥ 10N
- 2.5 Rentention Force Latch: ≥ 110 N
- 2.6 Temperature Range: -40 °C ~ +105 °C

Mini Fakra(R-MF) 4 Pos PCB Connector Plug R/A TypeA~Type Z Unsealed

D/N:600-37373-01

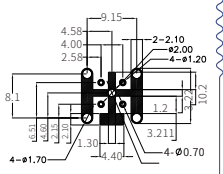
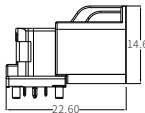
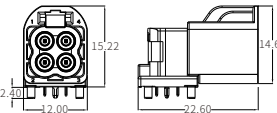
● Outline Dimensions

● PCB Layout

● Technology Parameters



A	Deep Black	818037373
B	Cream White	818037374
C	Signal Blue	818037375
D	Date Red	818037376
E	Leaf Green	818037377
F	Nut Brown	818037378
G	---	---
H	---	---
I	---	---
K	---	---
L	---	---
M	---	---
N	---	---
Z	Water Blue	818037379
Keying Code	Color	Part No.



Material

- Plastic Housings: PA4T
- Center Pin: Copper Alloy
- Insulator: LCP
- Outer Contact Housings: Zinc Alloy
- Locking Plate: Copper Alloy
- Type A~Z, High Temperature Resistant Type, Reflow Soldering

Electrical Performance

- 1.1 Impedance: 50 Ω
- 1.2 Frequency Range: DC to 9 GHz
- 1.3 Return Loss:
 - ≤ -20dB 0~6 GHz
 - ≤ -12dB 6~9 GHz
- 1.4 Insertion Loss: ≤ 0.1 x √f(GHz) dB
- 1.5 Insulation Resistance: ≥ 100MΩ
- 1.6 Center Contact Resistance: 24mΩ Max
- 1.7 Outer Contact Resistance: 5mΩ Max
- 1.8 Test Voltage: 500V rms
- 1.9 Working Voltage: 12V DC
- 2.0 Contact Current: ≤ 0.5 A DC
- 2.1 RF-leakage: ≥ 65 dB

Mechanical Performance

- 2.2 Mating Cycles: ≥ 25 Times
- 2.3 Engagement Force: ≤ 45 N
- 2.4 Center Pin Retention Force: ≥ 10N
- 2.5 Rentention Force Latch: ≥ 110 N
- 2.6 Temperature Range: -40 °C ~ +105 °C

Mini Fakra(R-MF) 1 Pos PCB Connector Plug V/T Type A~Type Z Unsealed

D/N:600-40453-01

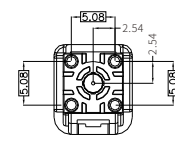
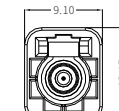
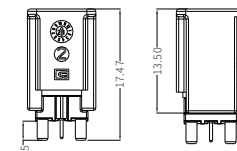
● Outline Dimensions

● PCB Layout

● Technology Parameters



A	Deep Black	818034753
B	Cream White	818034754
C	Signal Blue	818034755
D	Date Red	818040445
E	Leaf Green	818040446
F	Nut Brown	818040447
G	Blue Gray	818040448
H	Heather Violet	818040449
I	Beige	818040450
K	Curry	818040451
L	Carmine Red	---
M	Pastel Orange	---
N	Pastel Green	818040452
Z	Water Blue	818040453
Keying Code	Color	Part No.



Material

- Plastic Housings: PA4T
- Center Pin: Copper Alloy
- Insulator: LCP
- Outer Contact Housings: Zinc Alloy
- Type A~Z, High Temperature Resistant Type, Reflow Soldering

Electrical Performance

- 1.1 Impedance: 50 Ω
- 1.2 Frequency Range: DC to 9 GHz
- 1.3 Return Loss:
 - ≤ -20dB 0~6 GHz
 - ≤ -12dB 6~9 GHz
- 1.4 Insertion Loss: ≤ 0.1 x √f(GHz) dB
- 1.5 Insulation Resistance: ≥ 100MΩ
- 1.6 Center Contact Resistance: 24mΩ Max
- 1.7 Outer Contact Resistance: 5mΩ Max
- 1.8 Test Voltage: 500V rms
- 1.9 Working Voltage: 12V DC
- 2.0 Contact Current: ≤ 0.5 A DC
- 2.1 RF-leakage: ≥ 65 dB

Mechanical Performance

- 2.2 Mating Cycles: ≥ 25 Times
- 2.3 Engagement Force: ≤ 25 N
- 2.4 Center Pin Retention Force: ≥ 10N
- 2.5 Rentention Force Latch: ≥ 110 N
- 2.6 Temperature Range: -40 °C ~ +105 °C

Mini Fakra(R-MF) 2 Pos PCB Connector Plug V/T Type A~ Type Z Unsealed

D/N: 600-42887-01

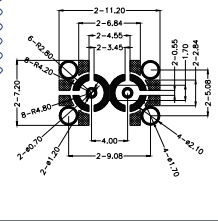
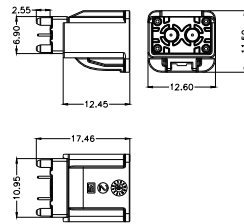
● Outline Dimensions

● PCB Layout

● Technology Parameters



A	Deep Black	818042881
B	Cream White	818042882
C	Signal Blue	818042883
D	Date Red	818042884
E	Leaf Green	818042885
F	Nut Brown	818042886
G	Blue Gray	—
H	Heather Violet	—
I	Beige	—
K	Curry	—
L	Carmin Red	—
M	Pastel Orange	—
N	Pastel Green	—
Z	Water Blue	818042887
Keying Code	Color	Part No.



Material

- Plastic Housings: PA4T
- Center Pin: Copper Alloy
- Insulator: LCP
- Outer Contact Housings: Zinc Alloy
- Type A~Z, High Temperature Resistant Type, Reflow Soldering

Electrical Performance

- 1.1 Impedance: 50 Ω
- 1.2 Frequency Range: DC to 9 GHz
- 1.3 Return Loss:
 - ≤ -20dB 0~6 GHz
 - ≤ -12dB 6~9 GHz
- 1.4 Insertion Loss: ≤ 0.1 x √f(GHz) dB
- 1.5 Insulation Resistance: ≥ 100MΩ
- 1.6 Center Contact Resistance: 24mΩ Max
- 1.7 Outer Contact Resistance: 5mΩ Max
- 1.8 Test Voltage: 500V rms
- 1.9 Working Voltage: 12V DC
- 2.0 Contact Current: ≤ 0.5 A DC
- 2.1 RF-leakage: ≥ 65 dB

Mechanical Performance

- 2.2 Mating Cycles: ≥ 25 Times
- 2.3 Engagement Force: ≤ 45 N
- 2.4 Center Pin Retention Force: ≥ 10N
- 2.5 Rentention Force Latch: ≥ 110 N
- 2.6 Temperature Range: -40 °C ~ +105 °C

Mini Fakra(R-MF) 1 Pos, Cable Connector Plug

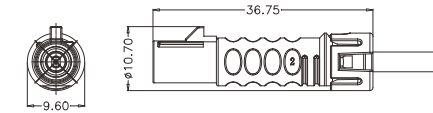
D/N: 600-19528-01

● Outline Dimensions

● Technology Parameters



A	Deep Black	818019528
B	Cream White	818022649
C	Signal Blue	818022650
D	Claret Violet	818022651
E	Leaf Green	818022652
F	Nut Brown	818022653
G	Blue Gray	818022654
H	Heather Violet	818022655
I	Beige	818022656
K	Curry	818022657
L	Carmin Red	818022658
M	Pastel Orange	818022659
N	Pastel Green	818022660
Z	Water Blue	818022661
Keying Code	Color	Part No.



Material

- 2.8 Plastic Housings: PPO
- 2.9 Outer Contact: Copper Alloy
- 3.0 Center Pin: Copper Alloy
- 3.1 Insulator: PP

Mechanical Performance

- 2.2 Mating Cycles: ≥ 25 Times
- 2.3 Mating Force: ≤ 60 N
- 2.4 Center Pin Retention Force: ≥ 50N
- 2.5 Rentention Force Latch: ≥ 110 N
- 2.6 Temperature Range: -40 °C ~ +105 °C
- 2.7 Ingress Protection: IP67

Electrical Performance

- 1.1 Impedance: 50 Ω
- 1.2 Frequency: DC to 9 GHz
- 1.3 Return Loss:
 - ≥ 15 dB, 6 GHz to 9 GHz
 - ≥ 20 dB, DC to 6 GHz
- 1.4 Insertion Loss:
 - ≤ 0.1 x √f(GHz) dB
- 1.5 Insulation Resistance:
 - ≥ 100MΩ
- 1.6 Center Contact Resistance:
 - 24mΩ Max
- 1.7 Outer Contact Resistance:
 - 6mΩ Max
- 1.8 Test Voltage: 750V rms
- 1.9 Working Voltage: 335V rms
- 2.0 Contact Current: ≤ 1 A DC
- 2.1 RF-leakage: ≥ 65 dB

Mini Fakra(R-MF) 2Pos PCB Connector Plug R/A, Vertical row Type A~ Type Z Unsealed

D/N: 600-42334-01

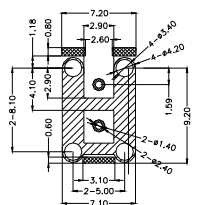
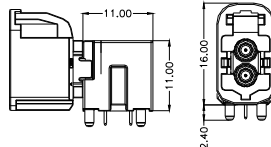
● Outline Dimensions

● PCB Layout

● Technology Parameters



A	Deep Black	818042328
B	Cream White	818042329
C	Signal Blue	818042330
D	Date Red	818042331
E	Leaf Green	818042332
F	Nut Brown	818042333
G	Blue Gray	—
H	Heather Violet	—
I	Beige	—
K	Curry	—
L	Carmin Red	—
M	Pastel Orange	—
N	Pastel Green	—
Z	Water Blue	818042334
Keying Code	Color	Part No.



Material

- Plastic Housings: PA4T
- Center Pin: Copper Alloy
- Insulator: LCP
- Outer Contact Housings: Zinc Alloy
- Locking Plate: Stainless Steel
- Type A~Z, High Temperature Resistant Type, Reflow Soldering

Electrical Performance

- 1.1 Impedance: 50 Ω
- 1.2 Frequency Range: DC to 9 GHz
- 1.3 Return Loss:
 - ≤ -20dB 0~6 GHz
 - ≤ -12dB 6~9 GHz
- 1.4 Insertion Loss: ≤ 0.1 x √f(GHz) dB
- 1.5 Insulation Resistance: ≥ 100MΩ
- 1.6 Center Contact Resistance: 24mΩ Max
- 1.7 Outer Contact Resistance: 5mΩ Max
- 1.8 Test Voltage: 500V rms
- 1.9 Working Voltage: 12V DC
- 2.0 Contact Current: ≤ 0.5 A DC
- 2.1 RF-leakage: ≥ 65 dB

Mechanical Performance

- 2.2 Mating Cycles: ≥ 25 Times
- 2.3 Engagement Force: ≤ 45 N
- 2.4 Center Pin Retention Force: ≥ 10N
- 2.5 Rentention Force Latch: ≥ 110 N
- 2.6 Temperature Range: -40 °C ~ +105 °C

Mini Fakra(R-MF) 1 Pos, Cable Connector Plug

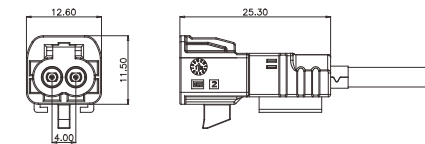
D/N: 600-26840-01

● Outline Dimensions

● Technology Parameters



A	Deep Black	818026886
B	Cream White	818026887
C	Signal Blue	818026888
D	Claret Violet	818026889
E	Leaf Green	818026890
F	Nut Brown	818026891
G	Blue Gray	818026892
H	Heather Violet	818026893
I	Beige	818026894
K	Curry	818026895
L	Carmin Red	—
M	Pastel Orange	—
N	Pastel Green	818026896
Z	Water Blue	818026840
Keying Code	Color	Part No.



Material

- 2.5 Plastic Housings: PPO
- 2.6 Outer Contact: Copper Alloy
- 2.7 Center Pin: Copper Alloy
- 2.8 Insulator: PP
- 2.9 Type A~Type Z

Mechanical Performance

- 2.0 Mating Cycles: ≥ 25 Times
- 2.1 Mating Force: ≤ 75 N
- 2.2 Center Pin Retention Force: ≥ 30N
- 2.3 Rentention Force Latch: ≥ 110 N
- 2.4 Temperature Range: -40 °C ~ +105 °C

Electrical Performance

- 1.1 Impedance: 50 Ω
- 1.2 Frequency: DC to 9 GHz
- 1.3 Return Loss:
 - ≤ -20dB, DC to 3GHz
 - ≤ -14dB, 3G to 6GHz
 - ≤ -11dB, 6GHz to 9GHz
- 1.4 Insertion Loss:
 - ≤ 0.1 x √f(GHz) dB
- 1.5 Insulation Resistance:
 - ≥ 100MΩ
- 1.6 Center Contact Resistance:
 - 24mΩ Max
- 1.7 Outer Contact Resistance:
 - 6mΩ Max
- 1.8 Test Voltage: 500V rms
- 1.9 Working Voltage: 12VDC

Mini Fakra(R-MF) 1 Pos, Cable Connector Plug

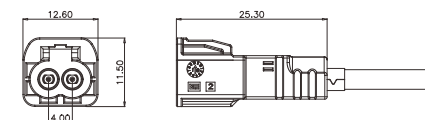
D/N:600-26841-01

● Outline Dimensions

● Technology Parameters



A	Deep Black	818026897
B	Cream White	818026898
C	Signal Blue	818026899
D	Claret Violet	818026900
E	Leaf Green	818026901
F	Nut Brown	818026902
G	Blue Gray	818026903
H	Heather Violet	818026904
I	Beige	818026905
K	Curry	818026906
L	Carmin Red	—
M	Pastel Orange	—
N	Pastel Green	818026907
Z	Water Blue	818026841
Keying Code	Color	Part No.



Material

- 2.5 Plastic Housings: PPO
- 2.6 Outer Contact: Copper Alloy
- 2.7 Center Pin: Copper Alloy
- 2.8 Insulator: PP
- 2.9 Type A~Type Z

Mechanical Performance

- 2.0 Mating Cycles: ≥ 25 Times
- 2.1 Mating Force: ≤ 75 N
- 2.2 Center Pin Retention Force: ≥ 30N
- 2.3 Rentention Force Latch: ≥ 110 N
- 2.4 Temperature Range: -40 °C ~ +105 °C

Electrical Performance

- 1.1 Impedance: 50 Ω
- 1.2 Frequency: DC to 9 GHz
- 1.3 Return Loss:
 - ≤ -20dB, DC to 3GHz
 - ≤ -14dB, 3G to 6GHz
 - ≤ -11dB, 6GHz to 9GHz
- 1.4 Insertion Loss:
 - ≤ 0.1 x √f(GHz) dB
- 1.5 Insulation Resistance:
 - ≥ 100MΩ
- 1.6 Center Contact Resistance:
 - 24mΩ Max
- 1.7 Outer Contact Resistance:
 - 6mΩ Max
- 1.8 Test Voltage: 500V rms
- 1.9 Working Voltage: 12VDC

Mini Fakra(R-MF) 2 Pos, Cable Connector Plug

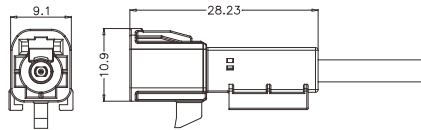
D/N: 600-26838-01

● Outline Dimensions

● Technology Parameters



A	Deep Black	818026864
B	Cream White	818026865
C	Signal Blue	818026866
D	Claret Violet	818026867
E	Leaf Green	818026868
F	Nut Brown	818026869
G	Blue Gray	818026870
H	Heather Violet	818026871
I	Beige	818026872
K	Curry	818026873
L	Carmin Red	—
M	Pastel Orange	—
N	Pastel Green	818026874
Z	Water Blue	818026838
Keying Code	Color	Part No.



Material

2.5 Plastic Housings: PPO
2.6 Outer Contact: Copper Alloy
2.7 Center Pin: Copper Alloy
2.8 Insulator: PP
2.9 Type A~Type Z

Mechanical Performance

2.0 Mating Cycles: ≥ 25 Times
2.1 Mating Force: ≤ 75 N
2.2 Center Pin Retention Force: ≥ 30 N
2.3 Retention Force Latch: ≥ 110 N
2.4 Temperature Range: $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$

Electrical Performance

1.1 Impedance: $50\ \Omega$
1.2 Frequency: DC to 9 GHz
1.3 Return Loss :
 $\leq -20\text{dB}$, DC to 3GHz
 $\leq -14\text{dB}$, 3G to 6GHz
 $\leq -11\text{dB}$, 6GHz to 9GHz
1.4 Insertion Loss:
 $\leq 0.1 \times \sqrt{f(\text{GHz})}$ dB
1.5 Insulation Resistance:
 $\geq 100\text{M}\Omega$
1.6 Center Contact Resistance:
24m Ω Max
1.7 Outer Contact Resistance:
6m Ω Max
1.8 Test Voltage: 500V rms
1.9 Working Voltage: 12VDC

Mini Fakra(R-MF) 2 Pos, Cable Connector Plug

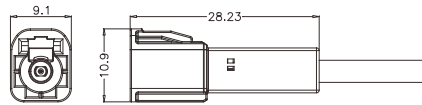
D/N: 600-26839-01

● Outline Dimensions

● Technology Parameters



A	Deep Black	818026886
B	Cream White	818026887
C	Signal Blue	818026888
D	Claret Violet	818026889
E	Leaf Green	818026890
F	Nut Brown	818026891
G	Blue Gray	818026892
H	Heather Violet	818026893
I	Beige	818026894
K	Curry	818026895
L	Carmin Red	—
M	Pastel Orange	—
N	Pastel Green	818026896
Z	Water Blue	818026839
Keying Code	Color	Part No.



Material

2.5 Plastic Housings: PPO
2.6 Outer Contact: Copper Alloy
2.7 Center Pin: Copper Alloy
2.8 Insulator: PP
2.9 Type A~Type Z

Mechanical Performance

2.0 Mating Cycles: ≥ 25 Times
2.1 Mating Force: ≤ 75 N
2.2 Center Pin Retention Force: ≥ 30 N
2.3 Retention Force Latch: ≥ 110 N
2.4 Temperature Range: $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$

Electrical Performance

1.1 Impedance: $50\ \Omega$
1.2 Frequency: DC to 9 GHz
1.3 Return Loss :
 $\leq -20\text{dB}$, DC to 3GHz
 $\leq -14\text{dB}$, 3G to 6GHz
 $\leq -11\text{dB}$, 6GHz to 9GHz
1.4 Insertion Loss:
 $\leq 0.1 \times \sqrt{f(\text{GHz})}$ dB
1.5 Insulation Resistance:
 $\geq 100\text{M}\Omega$
1.6 Center Contact Resistance:
24m Ω Max
1.7 Outer Contact Resistance:
6m Ω Max
1.8 Test Voltage: 500V rms
1.9 Working Voltage: 12VDC

Mini Fakra(R-MF) 4 Pos, Cable Connector Plug

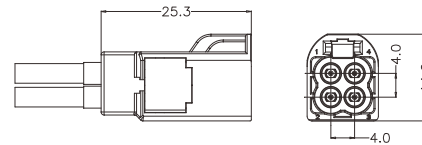
D/N: 600-22916-01

● Outline Dimensions

● Technology Parameters



A	Deep Black	818022916
B	Cream White	818022917
C	Signal Blue	818022918
D	Claret Violet	818022919
E	Leaf Green	818022920
F	Nut Brown	818022921
G	Blue Gray	—
H	Heather Violet	—
I	Beige	—
K	Curry	—
L	Carmin Red	—
M	Pastel Orange	—
N	Pastel Green	—
Z	Water Blue	818022922
Keying Code	Color	Part No.



Material

2.5 Plastic Housings: PPO
2.6 Outer Contact: Copper Alloy
2.7 Center Pin: Copper Alloy
2.8 Insulator: PP
2.9 Type A~Type Z

Mechanical Performance

2.0 Mating Cycles: ≥ 25 Times
2.1 Mating Force: ≤ 75 N
2.2 Center Pin Retention Force: ≥ 30 N
2.3 Retention Force Latch: ≥ 110 N
2.4 Temperature Range: $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$

Electrical Performance

1.1 Impedance: $50\ \Omega$
1.2 Frequency: DC to 9 GHz
1.3 Return Loss :
 $\leq -20\text{dB}$, DC to 3GHz
 $\leq -14\text{dB}$, 3G to 6GHz
 $\leq -11\text{dB}$, 6GHz to 9GHz
1.4 Insertion Loss:
 $\leq 0.1 \times \sqrt{f(\text{GHz})}$ dB
1.5 Insulation Resistance:
 $\geq 100\text{M}\Omega$
1.6 Center Contact Resistance:
24m Ω Max
1.7 Outer Contact Resistance:
6m Ω Max
1.8 Test Voltage: 500V rms
1.9 Working Voltage: 12VDC

Mini Fakra(R-MF) 4 Pos, Cable Connector Plug

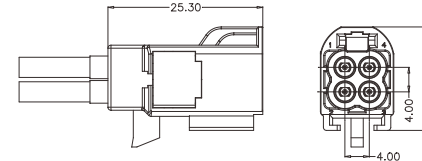
D/N: 600-22968-01

● Outline Dimensions

● Technology Parameters



A	Deep Black	818022968
B	Cream White	818022969
C	Signal Blue	818022970
D	Claret Violet	818022971
E	Leaf Green	818022972
F	Nut Brown	818022973
G	Blue Gray	—
H	Heather Violet	—
I	Beige	—
K	Curry	—
L	Carmin Red	—
M	Pastel Orange	—
N	Pastel Green	—
Z	Water Blue	818022974
Keying Code	Color	Part No.



Material

2.5 Plastic Housings: PPO
2.6 Outer Contact: Copper Alloy
2.7 Center Pin: Copper Alloy
2.8 Insulator: PP
2.9 Type A~Type Z

Mechanical Performance

2.0 Mating Cycles: ≥ 25 Times
2.1 Mating Force: ≤ 75 N
2.2 Center Pin Retention Force: ≥ 30 N
2.3 Retention Force Latch: ≥ 110 N
2.4 Temperature Range: $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$

Electrical Performance

1.1 Impedance: $50\ \Omega$
1.2 Frequency: DC to 9 GHz
1.3 Return Loss :
 $\leq -20\text{dB}$, DC to 3GHz
 $\leq -14\text{dB}$, 3G to 6GHz
 $\leq -11\text{dB}$, 6GHz to 9GHz
1.4 Insertion Loss:
 $\leq 0.1 \times \sqrt{f(\text{GHz})}$ dB
1.5 Insulation Resistance:
 $\geq 100\text{M}\Omega$
1.6 Center Contact Resistance:
24m Ω Max
1.7 Outer Contact Resistance:
6m Ω Max
1.8 Test Voltage: 500V rms
1.9 Working Voltage: 12VDC

Mini Fakra(R-MF) 4 Pos, Cable Connector Plug

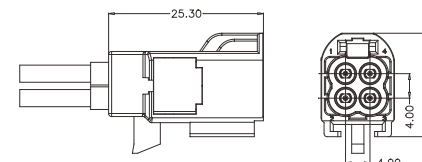
D/N: 600-30600-01

● Outline Dimensions

● Technology Parameters



A	Deep Black	818030600
B	Cream White	818030601
C	Signal Blue	818030602
D	Claret Violet	818030603
E	Leaf Green	818030604
F	Nut Brown	818030605
G	Blue Gray	—
H	Heather Violet	—
I	Beige	—
K	Curry	—
L	Carmin Red	—
M	Pastel Orange	—
N	Pastel Green	—
Z	Water Blue	818030606
Keying Code	Color	Part No.



Material

2.5 Plastic Housings: PPO
2.6 Outer Contact: Copper Alloy
2.7 Center Pin: Copper Alloy
2.8 Insulator: PP
2.9 Type A~Type Z

Mechanical Performance

2.0 Mating Cycles: ≥ 25 Times
2.1 Mating Force: ≤ 75 N
2.2 Center Pin Retention Force: ≥ 30 N
2.3 Retention Force Latch: ≥ 110 N
2.4 Temperature Range: $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$

Electrical Performance

1.1 Impedance: $50\ \Omega$
1.2 Frequency: DC to 9 GHz
1.3 Return Loss :
 $\leq -20\text{dB}$, DC to 3GHz
 $\leq -14\text{dB}$, 3G to 6GHz
 $\leq -11\text{dB}$, 6GHz to 9GHz
1.4 Insertion Loss:
 $\leq 0.1 \times \sqrt{f(\text{GHz})}$ dB
1.5 Insulation Resistance:
 $\geq 100\text{M}\Omega$
1.6 Center Contact Resistance:
24m Ω Max
1.7 Outer Contact Resistance:
6m Ω Max
1.8 Test Voltage: 500V rms
1.9 Working Voltage: 12VDC

Mini Fakra(R-MF) 4 Pos, Cable Connector Plug

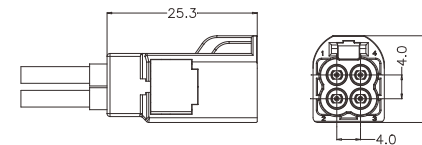
D/N: 600-30607-01

● Outline Dimensions

● Technology Parameters



A	Deep Black	818030607
B	Cream White	818030608
C	Signal Blue	818030609
D	Claret Violet	818030610
E	Leaf Green	818030611
F	Nut Brown	818030613
G	Blue Gray	—
H	Heather Violet	—
I	Beige	—
K	Curry	—
L	Carmin Red	—
M	Pastel Orange	—
N	Pastel Green	—
Z	Water Blue	818030614
Keying Code	Color	Part No.



Material

2.5 Plastic Housings: PPO
2.6 Outer Contact: Copper Alloy
2.7 Center Pin: Copper Alloy
2.8 Insulator: PP
2.9 Type A~Type Z

Mechanical Performance

2.0 Mating Cycles: ≥ 25 Times
2.1 Mating Force: ≤ 75 N
2.2 Center Pin Retention Force: ≥ 30 N
2.3 Retention Force Latch: ≥ 110 N
2.4 Temperature Range: $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$

Electrical Performance

1.1 Impedance: $50\ \Omega$
1.2 Frequency: DC to 9 GHz
1.3 Return Loss :
 $\leq -20\text{dB}$, DC to 3GHz
 $\leq -14\text{dB}$, 3G to 6GHz
 $\leq -11\text{dB}$, 6GHz to 9GHz
1.4 Insertion Loss:
 $\leq 0.1 \times \sqrt{f(\text{GHz})}$ dB
1.5 Insulation Resistance:
 $\geq 100\text{M}\Omega$
1.6 Center Contact Resistance:
24m Ω Max
1.7 Outer Contact Resistance:
6m Ω Max
1.8 Test Voltage: 500V rms
1.9 Working Voltage: 12VDC

Mini Fakra (T-MF) 4 Pos Cable Connector Plug Type A~ Type Z Unsealed with Cable Lock

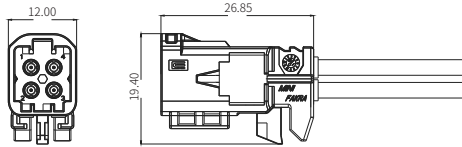
D/N: 600-31160-01

● Outline Dimensions

● Technology Parameters



A	Deep Black	818031160
B	Cream White	818031161
C	Signal Blue	818031162
D	Date Red	818031163
E	Leaf Green	818031164
F	Nut Brown	818031165
G	Blue Gray	—
H	Heather Violet	—
I	Beige	—
K	Curry	—
L	Carmine Red	—
M	Pastel Orange	—
N	Pastel Green	—
Z	Water Blue	818031166
Keying Code	Color	Part No.



Material

2.5 Plastic Housings: PPO
2.6 Outer Contact: Copper Alloy
2.7 Center Pin: Copper Alloy
2.8 Insulator: PP
2.9 Type A~Type Z

Mechanical Performance

2.0 Mating Cycles: ≥ 25 Times
2.1 Engagement Force: ≤ 75 N
2.2 Center Pin Retention Force: ≥ 30 N
2.3 Rentention Force Latch: ≥ 110 N
2.4 Temperature Range:
-40 °C - +105 °C

Electrical Performance

1.1 Impedance: 50 Ω
1.2 Frequency Range: DC to 9 GHz
1.3 Return Loss:
 ≤ -20 dB, DC TO 3GHz
 ≤ -14 dB, 3G TO 6GHz
 ≤ -11 dB, 6GHz to 9GHz
1.4 Insertion Loss: $\leq 0.1 \times \sqrt{f(\text{GHz})}$ dB
1.5 Insulation Resistance: ≥ 100 M Ω
1.6 Center Contact Resistance: 24m Ω Max
1.7 Outer Contact Resistance: 6m Ω Max
1.8 Test Voltage: 500V rms
1.9 Working Voltage: 12VDC

Mini Fakra (T-MF) 4 Pos Cable Connector Plug Type A ~Type Z Unsealed

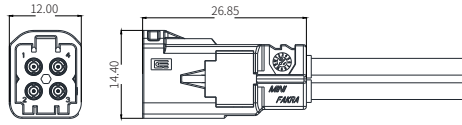
D/N: 600-31153-01

● Outline Dimensions

● Technology Parameters



A	Deep Black	818031153
B	Cream White	818031154
C	Signal Blue	818031155
D	Date Red	818031156
E	Leaf Green	818031157
F	Nut Brown	818031158
G	Blue Gray	—
H	Heather Violet	—
I	Beige	—
K	Curry	—
L	Carmine Red	—
M	Pastel Orange	—
N	Pastel Green	—
Z	Water Blue	818031159
Keying Code	Color	Part No.



Material

2.5 Plastic Housings: PPO
2.6 Outer Contact: Copper Alloy
2.7 Center Pin: Copper Alloy
2.8 Insulator: PP
2.9 Type A~Type Z

Mechanical Performance

2.0 Mating Cycles: ≥ 25 Times
2.1 Engagement Force: ≤ 75 N
2.2 Center Pin Retention Force: ≥ 30 N
2.3 Rentention Force Latch: ≥ 110 N
2.4 Temperature Range:
-40 °C - +105 °C

Electrical Performance

1.1 Impedance: 50 Ω
1.2 Frequency Range: DC to 9 GHz
1.3 Return Loss:
 ≤ -20 dB, DC TO 3GHz
 ≤ -14 dB, 3G TO 6GHz
 ≤ -11 dB, 6GHz to 9GHz
1.4 Insertion Loss: $\leq 0.1 \times \sqrt{f(\text{GHz})}$ dB
1.5 Insulation Resistance: ≥ 100 M Ω
1.6 Center Contact Resistance: 24m Ω Max
1.7 Outer Contact Resistance: 6m Ω Max
1.8 Test Voltage: 500V rms
1.9 Working Voltage: 12VDC

Mini Fakra (T-MF) 4 Pos Cable Connect or Plug Type A ~ Type Z Unsealed

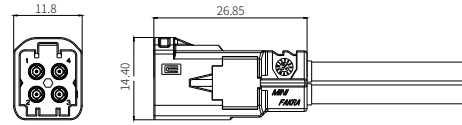
D/N: 600-31167-01

● Outline Dimensions

● Technology Parameters



A	Deep Black	818031167
B	Cream White	818031168
C	Signal Blue	818031169
D	Date Red	818031170
E	Leaf Green	818031171
F	Nut Brown	818031172
G	Blue Gray	—
H	Heather Violet	—
I	Beige	—
K	Curry	—
L	Carmine Red	—
M	Pastel Orange	—
N	Pastel Green	—
Z	Water Blue	818031173
Keying Code	Color	Part No.



Material

2.5 Plastic Housings: PPO
2.6 Outer Contact: Copper Alloy
2.7 Center Pin: Copper Alloy
2.8 Insulator: PP
2.9 Type A~Type Z

Mechanical Performance

2.0 Mating Cycles: ≥ 25 Times
2.1 Engagement Force: ≤ 75 N
2.2 Center Pin Retention Force: ≥ 30 N
2.3 Rentention Force Latch: ≥ 110 N
2.4 Temperature Range:
-40 °C - +105 °C

Electrical Performance

1.1 Impedance: 50 Ω
1.2 Frequency Range: DC to 9 GHz
1.3 Return Loss:
 ≤ -20 dB, DC TO 3GHz
 ≤ -14 dB, 3G TO 6GHz
 ≤ -11 dB, 6GHz to 9GHz
1.4 Insertion Loss: $\leq 0.1 \times \sqrt{f(\text{GHz})}$ dB
1.5 Insulation Resistance: ≥ 100 M Ω
1.6 Center Contact Resistance: 24m Ω Max
1.7 Outer Contact Resistance: 6m Ω Max
1.8 Test Voltage: 500V rms
1.9 Working Voltage: 12VDC

Mini Fakra (T-MF) 4 Pos Cable Connector Plug Type A ~ Type Z Unsealed with CableLock

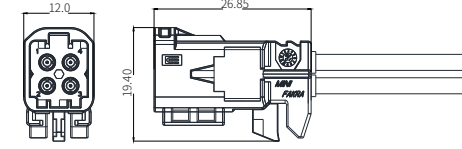
D/N: 600-31146-01

● Outline Dimensions

● Technology Parameters



A	Deep Black	818031146
B	Cream White	818031147
C	Signal Blue	818031148
D	Date Red	818031149
E	Leaf Green	818031150
F	Nut Brown	818031151
G	Blue Gray	—
H	Heather Violet	—
I	Beige	—
K	Curry	—
L	Carmine Red	—
M	Pastel Orange	—
N	Pastel Green	—
Z	Water Blue	818031152
Keying Code	Color	Part No.



Material

2.5 Plastic Housings: PPO
2.6 Outer Contact: Copper Alloy
2.7 Center Pin: Copper Alloy
2.8 Insulator: PP
2.9 Type A~Type Z

Mechanical Performance

2.0 Mating Cycles: ≥ 25 Times
2.1 Engagement Force: ≤ 75 N
2.2 Center Pin Retention Force: ≥ 30 N
2.3 Rentention Force Latch: ≥ 110 N
2.4 Temperature Range:
-40 °C - +105 °C

Electrical Performance

1.1 Impedance: 50 Ω
1.2 Frequency Range: DC to 9 GHz
1.3 Return Loss :
 ≤ -20 dB, DC TO 3GHz
 ≤ -14 dB, 3G TO 6GHz
 ≤ -11 dB, 6GHz to 9GHz
1.4 Insertion Loss: $\leq 0.1 \times \sqrt{f(\text{GHz})}$ dB
1.5 Insulation Resistance: ≥ 100 M Ω
1.6 Center Contact Resistance: 24m Ω Max
1.7 Outer Contact Resistance: 6m Ω Max
1.8 Test Voltage: 500V rms
1.9 Working Voltage: 12VDC

Mini Fakra(R-MF) 1 Pos Cable Connector Jack Type A~ Type Z Sealed

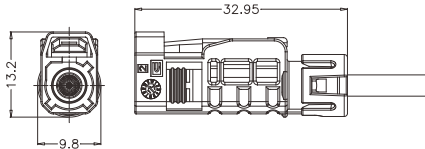
D/N: 600-19529-01

● Outline Dimensions

● Technology Parameters



A	Deep Black	818019529
B	Cream White	818022662
C	Signal Blue	818022663
D	Claret Violet	818022664
E	Leaf Green	818022665
F	Nut Brown	818022666
G	Blue Gray	818022667
H	Heather Violet	818022668
I	Beige	818022669
K	Curry	818022670
L	Carmin Red	818022671
M	Pastel Orange	818022672
N	Pastel Green	818022673
Z	Water Blue	818022674
Keying Code	Color	Part No.



Material

2.8 Plastic Housings: PPO
2.9 Outer Contact: Copper Alloy
3.0 Center Pin: Copper Alloy
3.1 Insulator: PP

Mechanical Performance

2.2 Mating Cycles: ≥ 25 Times
2.3 Mating Force: ≤ 60 N
2.4 Center Pin Retention Force: ≥ 50 N
2.5 Retention Force Latch: ≥ 110 N
2.6 Temperature Range: $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$
2.7 Ingress Protection: IP67

Electrical Performance

1.1 Impedance: $50 \pm 5 \Omega$
1.2 Frequency: DC to 9 GHz
1.3 Return Loss:
 ≥ 15 dB, 6 GHz to 9 GHz
 ≥ 20 dB, DC to 6 GHz
1.4 Insertion Loss:
 $\leq 0.1 \times \sqrt{f(\text{GHz})}$ dB
1.5 Insulation Resistance:
 $\geq 100\text{M}\Omega$
1.6 Center Contact Resistance:
 $24\text{m}\Omega$ Max
1.7 Outer Contact Resistance:
 $6\text{m}\Omega$ Max
1.8 Test Voltage: 750V rms
1.9 Working Voltage: 335V rms
2.0 Contact Current: ≤ 1 A DC
2.1 RF-leakage: ≥ 65 dB

Mini Fakra(R-MF) 2 Pos Cable Connector Jack Type A~ Type Z Unsealed

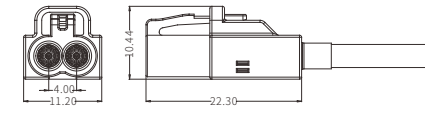
D/N: 600-26589-01

● Outline Dimensions

● Technology Parameters



A	Deep Black	818026578
B	Cream White	818026579
C	Signal Blue	818026580
D	Claret Violet	818026581
E	Leaf Green	818026582
F	Nut Brown	818026583
G	Blue Gray	818026584
H	Heather Violet	818026585
I	Beige	—
K	Curry	818026586
L	Carmin Red	818026551
M	Pastel Orange	—
N	Pastel Green	818026588
Z	Water Blue	818026589
Keying Code	Color	Part No.



Material

2.7 Plastic Housings: PPO
2.8 Outer Contact: Phosphorus Copper
2.9 Center Pin: Titanium Copper
3.0 Insulator: PP
3.1 Clip Material: Phosphorus Copper
3.2 Tube: Stainless Steel
3.3 Lock: PBT
3.4 Cable: Coaxial Cable OD3.3
3.5 Type A~Type Z

Mechanical Performance

2.2 Mating Cycles: ≥ 25 Times
2.3 Mating Force: ≤ 25 N
2.4 Cable and Center Pin Retention Force: ≥ 50 N
2.5 Retention Force Latch: ≥ 110 N
2.6 Temperature Range: $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$

Electrical Performance

1.1 Impedance: $50 \pm 5 \Omega$
1.2 Frequency: DC to 9 GHz
1.3 Return Loss:
 ≤ -20 dB, 0~3 GHz
 ≤ -14 dB, 3~6 GHz
 ≤ -11 dB, 6~39 GHz
1.4 Insertion Loss:
 $\leq 0.1 \times \sqrt{f(\text{GHz})}$ dB
1.5 Insulation Resistance:
 $\geq 100\text{M}\Omega$
1.6 Center Contact Resistance:
 $24\text{m}\Omega$ Max
1.7 Outer Contact Resistance:
 $6\text{m}\Omega$ Max
1.8 Test Voltage: 500V rms
1.9 Working Voltage: 12V DC
2.0 Contact Current: ≤ 0.5 A DC
2.1 RF-leakage: ≥ 65 dB

Mini Fakra(R-MF) 1 Pos Cable Connector Jack Type A~ Type Z Unsealed

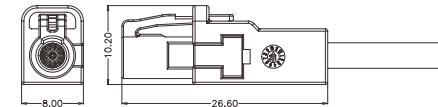
D/N: 600-26565-01

● Outline Dimensions

● Technology Parameters



A	Deep Black	818026554
B	Cream White	818026555
C	Signal Blue	818026556
D	Claret Violet	818026557
E	Leaf Green	818026558
F	Nut Brown	818026559
G	Blue Gray	818026560
H	Heather Violet	818026561
I	Beige	—
K	Curry	818026562
L	Carmin Red	818026563
M	Pastel Orange	—
N	Pastel Green	818026564
Z	Water Blue	818026565
Keying Code	Color	Part No.



Material

2.7 Plastic Housings: PPO
2.8 Outer Contact: Phosphorus Copper
2.9 Center Pin: Titanium Copper
3.0 Insulator: PP
3.1 Clip Material: Phosphorus Copper
3.2 Tube: Stainless Steel
3.3 Lock: PBT
3.4 Cable: Coaxial Cable OD3.3
3.5 Type A~Type Z

Mechanical Performance

2.2 Mating Cycles: ≥ 25 Times
2.3 Mating Force: ≤ 25 N
2.4 Cable and Center Pin Retention Force: ≥ 50 N
2.5 Retention Force Latch: ≥ 110 N
2.6 Temperature Range: $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$

Electrical Performance

1.1 Impedance: $50 \pm 5 \Omega$
1.2 Frequency: DC to 9 GHz
1.3 Return Loss:
 ≤ -20 dB, 0~3 GHz
 ≤ -14 dB, 3~6 GHz
 ≤ -11 dB, 6~39 GHz
1.4 Insertion Loss:
 $\leq 0.1 \times \sqrt{f(\text{GHz})}$ dB
1.5 Insulation Resistance:
 $\geq 100\text{M}\Omega$
1.6 Center Contact Resistance:
 $24\text{m}\Omega$ Max
1.7 Outer Contact Resistance:
 $6\text{m}\Omega$ Max
1.8 Test Voltage: 500V rms
1.9 Working Voltage: 12V DC
2.0 Contact Current: ≤ 0.5 A DC
2.1 RF-leakage: ≥ 65 dB

Mini Fakra(R-MF) 2 Pos Cable Connector Jack Type A~ Type Z Unsealed

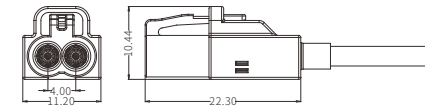
D/N: 600-29847-01

● Outline Dimensions

● Technology Parameters



A	Deep Black	818029836
B	Cream White	818029837
C	Signal Blue	818029838
D	Claret Violet	818029839
E	Leaf Green	818029840
F	Nut Brown	818029841
G	Blue Gray	818029842
H	Heather Violet	818029843
I	Beige	—
K	Curry	818029844
L	Carmin Red	818029845
M	Pastel Orange	—
N	Pastel Green	818029846
Z	Water Blue	818029847
Keying Code	Color	Part No.



Material

2.7 Plastic Housings: PPO
2.8 Outer Contact: Phosphorus Copper
2.9 Center Pin: Titanium Copper
3.0 Insulator: PP
3.1 Clip Material: Phosphorus Copper
3.2 Tube: Stainless Steel
3.3 Lock: PBT
3.4 Cable: Coaxial Cable OD2.8
3.5 Type A~Type Z

Mechanical Performance

2.2 Mating Cycles: ≥ 25 Times
2.3 Mating Force: ≤ 25 N
2.4 Cable and Center Pin Retention Force: ≥ 50 N
2.5 Retention Force Latch: ≥ 110 N
2.6 Temperature Range: $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$

Electrical Performance

1.1 Impedance: $50 \pm 5 \Omega$
1.2 Frequency: DC to 9 GHz
1.3 Return Loss:
 ≤ -20 dB, 0~3 GHz
 ≤ -14 dB, 3~6 GHz
 ≤ -11 dB, 6~39 GHz
1.4 Insertion Loss:
 $\leq 0.1 \times \sqrt{f(\text{GHz})}$ dB
1.5 Insulation Resistance:
 $\geq 100\text{M}\Omega$
1.6 Center Contact Resistance:
 $24\text{m}\Omega$ Max
1.7 Outer Contact Resistance:
 $6\text{m}\Omega$ Max
1.8 Test Voltage: 500V rms
1.9 Working Voltage: 12V DC
2.0 Contact Current: ≤ 0.5 A DC
2.1 RF-leakage: ≥ 65 dB

Mini Fakra(R-MF) 1 Pos Cable Connector Jack Type A~ Type Z Unsealed

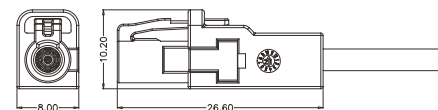
D/N: 600-29835-01

● Outline Dimensions

● Technology Parameters



A	Deep Black	818029824
B	Cream White	818029825
C	Signal Blue	818029826
D	Claret Violet	818029827
E	Leaf Green	818029828
F	Nut Brown	818029829
G	Blue Gray	818029830
H	Heather Violet	818029831
I	Beige	818029832
K	Curry	818029833
L	Carmin Red	—
M	Pastel Orange	—
N	Pastel Green	818029834
Z	Water Blue	818029835
Keying Code	Color	Part No.



Material

2.7 Plastic Housings: PPO
2.8 Outer Contact: Phosphorus Copper
2.9 Center Pin: Titanium Copper
3.0 Insulator: PP
3.1 Clip Material: Phosphorus Copper
3.2 Tube: Phosphorus Copper
3.3 Lock: PBT
3.4 Cable: Coaxial Cable OD2.8
3.5 Type A~Type Z

Mechanical Performance

2.2 Mating Cycles: ≥ 25 Times
2.3 Mating Force: ≤ 25 N
2.4 Cable and Center Pin Retention Force: ≥ 50 N
2.5 Retention Force Latch: ≥ 110 N
2.6 Temperature Range: $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$

Electrical Performance

1.1 Impedance: $50 \pm 5 \Omega$
1.2 Frequency: DC to 9 GHz
1.3 Return Loss:
 ≤ -20 dB, 0~3 GHz
 ≤ -14 dB, 3~6 GHz
 ≤ -11 dB, 6~39 GHz
1.4 Insertion Loss:
 $\leq 0.1 \times \sqrt{f(\text{GHz})}$ dB
1.5 Insulation Resistance:
 $\geq 100\text{M}\Omega$
1.6 Center Contact Resistance:
 $24\text{m}\Omega$ Max
1.7 Outer Contact Resistance:
 $6\text{m}\Omega$ Max
1.8 Test Voltage: 500V rms
1.9 Working Voltage: 12V DC
2.0 Contact Current: ≤ 0.5 A DC
2.1 RF-leakage: ≥ 65 dB

Mini Fakra (T-MF) 4 Pos Cable Connect or Jack Type A ~Type Z Unsealed

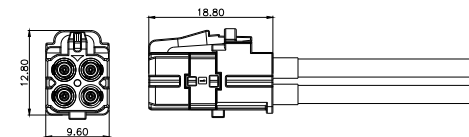
D/N: 600-29626-01

● Outline Dimensions

● Technology Parameters



A	Deep Black	818029626
B	Cream White	818029627
C	Signal Blue	818029628
D	Date Red	818029629
E	Leaf Green	818029630
F	Nut Brown	818029631
G	Blue Gray	—
H	Heather Violet	—
I	Beige	—
K	Curry	—
L	Carmin Red	—
M	Pastel Orange	—
N	Pastel Green	—
Z	Water Blue	818029632
Keying Code	Color	Part No.



Material

2.7 Plastic Housings: PPO
2.8 Outer Contact: Copper Alloy
2.9 Center Pin: Copper Alloy
3.0 Insulator: PPO
3.1 Clip: Copper Alloy
3.2 Lock Catch: PBT
3.3 Cable: Coaxial Cable OD2.8
3.4 Type A~Type Z

Mechanical Performance

2.2 Mating Cycles: ≥ 25 Times
2.3 Engagement Force: ≤ 75 N
2.4 Cable And Center Pin Retention Force: ≥ 50 N
2.5 Retention Force Latch: ≥ 110 N
2.6 Temperature Range: $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$

Electrical Performance

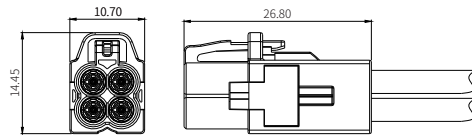
1.1 Impedance: $50 \pm 5 \Omega$
1.2 Frequency Range: DC to 9 GHz
1.3 Return Loss:
 ≤ -20 dB 0~3 GHz
 ≤ -14 dB 3~6 GHz
 ≤ -11 dB 6~39 GHz
1.4 Insertion Loss: $\leq 0.1 \times \sqrt{f(\text{GHz})}$ dB
1.5 Insulation Resistance: $\geq 100\text{M}\Omega$
1.6 Center Contact Resistance: $24\text{m}\Omega$ Max
1.7 Outer Contact Resistance: $6\text{m}\Omega$ Max
1.8 Test Voltage: 500V rms
1.9 Working Voltage: 12V DC
2.0 Contact Current: ≤ 0.5 A DC
2.1 RF-leakage: ≥ 65 dB

Mini Fakra(R-MF) 4 Pos Cable Connector Jack Type A~ Type Z Unsealed

D/N: 600-29137-01

● Outline Dimensions

● Technology Parameters



A	Deep Black	818029131
B	Cream White	818029132
C	Signal Blue	818029133
D	Claret Violet	818029134
E	Leaf Green	818029135
F	Nut Brown	818029136
G	Blue Gray	—
H	Heather Violet	—
I	Beige	—
K	Curry	—
L	Carmin Red	—
M	Pastel Orange	—
N	Pastel Green	—
Z	Water Blue	818029137
Keying Code	Color	Part No.

Material

2.7 Plastic Housings:PPO
2.8 Outer Contact:Copper Alloy
2.9 Center Pin:Copper Alloy
3.0 Insulator :PPO
3.1 Clip: Copper Alloy
3.2 Tube:Stainless Steel
3.3 Lock Catch :PPO
3.4 Cable:Coaxial Cable OD3.3
3.5 Type A~Type Z

Mechanical Performance

2.2 Mating Cycles: ≥ 25 Times
2.3 Engagement Force: ≤ 75 N
2.4 Cable And Center Pin Retention Force: ≥ 50 N
2.5 Rentention Force Latch: ≥ 110 N
2.6 Temperature Range: -40 °C ~ +105 °C

Electrical Performance

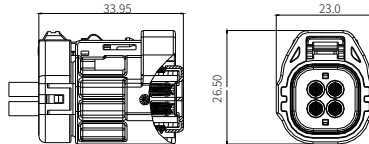
1.1 Impedance:50+/-5 Ω
1.2 Frequency Range: DC to 9 GHz
1.3 Return Loss:
 ≤ -20 dB 0~3 GHz
 ≤ -14 dB 3~6 GHz
 ≤ -11 dB 6~39GHz
1.4 Insertion Loss: $\leq 0.1 \times \sqrt{f(\text{GHz})}$ dB
1.5 Insulation Resistance: ≥ 100 M Ω
1.6 Center Contact Resistance:24m Ω Max
1.7 Outer Contact Resistance:6m Ω Max
1.8 Test Voltage:500V rms
1.9 Working Voltage:12V DC
2.0 Contact Current: ≤ 0.5 A DC
2.1 RF-leakage: ≥ 65 dB

Mini Fakra (A-MF) 4 Pos Cable Connector Jack Type A~ Type Z Sealed

D/N: 600-35779-01

● Outline Dimensions

● Technology Parameters



A	Deep Black	818035775
B	Cream White	818035776
C	Signal Blue	818035777
D	Date Red	818035778
Z	Water Blue	818035779
Keying Code	Color	Part No.

Material

2.8 Plastic Housings:PPO
2.9 Outer Contact:Copper Alloy
3.0 Center Pin:Copper Alloy
3.1 Insulator:PP
3.2 Clip:Copper Alloy
3.3 Tube:Stainless Steel
3.4 O-Ring(Front):Silicone

3.5 O-Ring(Behind):Silicone
3.6 LPR:PA66+31%GF
3.7 Back Shell:PA66+30%GF
3.8 CPA:PPO
3.9 Cable: Coaxial Cable OD3.3
4.0 Type A~Type Z

Electrical Performance

1.1 Impedance:50+/-5 Ω
1.2 Frequency Range:DC to 9 GHz
1.3 Return Loss: ≤ -25 dB 0~3 GHz
 ≤ -20 dB 3~6 Ghz
 ≤ -12 dB 6~9GHz
1.4 Insertion Loss: $\leq 0.1 \times \sqrt{f(\text{GHz})}$ dB
1.5 Insulation Resistance: ≥ 100 M Ω
1.6 Center Contact Resistance:24m Ω Max
1.7 Outer Contact Resistance:6m Ω Max
1.8 Test Voltage:500V rms
1.9 Working Voltage:12V DC
2.0 Contact Current: ≤ 0.5 A DC
2.1 RF-leakage: ≥ 65 dB

Mechanical Performance

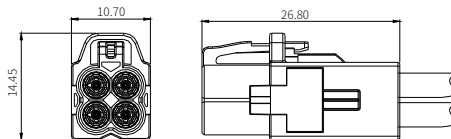
2.2 Mating Cycles: ≥ 25 Times
2.3 Engagement Force: ≤ 75 N
2.4 Cable And Center Pin Retention Force: ≥ 50 N
2.5 Rentention Force Latch: ≥ 110 N
2.6 Temperature Range: -40 °C ~ +105 °C
2.7 Classification Of Waterproof:IP67

Mini Fakra(R-MF) 4 Pos Cable Connector Jack Type A~ Type Z Unsealed

D/N:600-35766-01

● Outline Dimensions

● Technology Parameters



A	Deep Black	818035760
B	Cream White	818035761
C	Signal Blue	818035762
D	Date Red	818035763
E	Leaf Green	818035764
F	Nut Brown	818035765
G	Blue Gray	—
H	Heather Violet	—
I	Beige	—
K	Curry	—
L	Carmin Red	—
M	Pastel Orange	—
N	Pastel Green	—
Z	Water Blue	818035766
Keying Code	Color	Part No.

Material

2.7 Plastic Housings:PPO
2.8 Outer Contact:Copper Alloy
2.9 Center Pin:Copper Alloy
3.0 Insulator:PPO
3.1 Clip:Copper Alloy
3.2 Tube:Stainless Steel
3.3 Lock Catch:PPO
3.4 Cable:Coaxial Cable OD2.8
3.5 Type A~Type Z

Mechanical Performance

2.2 Mating Cycles: ≥ 25 Times
2.3 Engagement Force: ≤ 75 N
2.4 Cable And Center Pin Retention Force: ≥ 50 N
2.5 Rentention Force Latch: ≥ 110 N
2.6 Temperature Range: -40 °C ~ +105 °C

Electrical Performance

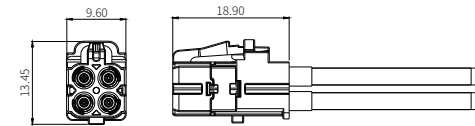
1.1 Impedance:50+/-5 Ω
1.2 Frequency Range:DC to 9 GHz
1.3 Return Loss: ≤ -20 dB 0~3 GHz
 ≤ -14 dB 3~6 Ghz
 ≤ -11 dB 6~39GHz
1.4 Insertion Loss: $\leq 0.1 \times \sqrt{f(\text{GHz})}$ dB
1.5 Insulation Resistance: ≥ 100 M Ω
1.6 Center Contact Resistance:24m Ω Max
1.7 Outer Contact Resistance:6m Ω Max
1.8 Test Voltage:500V rms
1.9 Working Voltage:12V DC
2.0 Contact Current: ≤ 0.5 A DC
2.1 RF-leakage: ≥ 65 dB

Mini Fakra (T-MF) 4 Pos Cable Connector Jack Type A~ Type Z Unsealed

D/N: 600-33538-01

● Outline Dimensions

● Technology Parameters



A	Deep Black	818033538
B	Cream White	818033539
C	Signal Blue	818033540
D	Date Red	818033541
E	Leaf Green	818033542
F	Nut Brown	818033543
G	Blue Gray	—
H	Heather Violet	—
I	Beige	—
K	Curry	—
L	Carmin Red	—
M	Pastel Orange	—
N	Pastel Green	—
Z	Water Blue	818033544
Keying Code	Color	Part No.

Material

2.7 Plastic Housings:PPO
2.8 Outer Contact:Copper Alloy
2.9 Center Pin:Copper Alloy
3.0 Insulator:PPO
3.1 Clip:Stainless Steel
3.2 Lock Catch:PBT
3.3 Cable:Coaxial Cable OD2.8
3.4 Type A~Type Z

Mechanical Performance

2.2 Mating Cycles: ≥ 25 Times
2.3 Engagement Force: ≤ 75 N
2.4 Cable And Center Pin Retention Force: ≥ 50 N
2.5 Rentention Force Latch: ≥ 110 N
2.6 Temperature Range: -40 °C ~ +105 °C

Electrical Performance

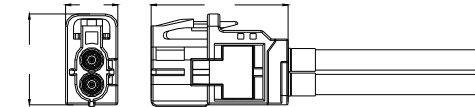
1.1 Impedance:50+/-5 Ω
1.2 Frequency Range: DC to 9 GHz
1.3 Return Loss:
 ≤ -20 dB 0~3 GHz
 ≤ -14 dB 3~6 GHz
 ≤ -11 dB 6~9GHz
1.4 Insertion Loss: $\leq 0.1 \times \sqrt{f(\text{GHz})}$ dB
1.5 Insulation Resistance: ≥ 100 M Ω
1.6 Center Contact Resistance:24m Ω Max
1.7 Outer Contact Resistance:6m Ω Max
1.8 Test Voltage:500V rms
1.9 Working Voltage:12V DC
2.0 Contact Current: ≤ 0.5 A DC
2.1 RF-leakage: ≥ 65 dB

Mini Fakra(R-MF) 2 Pos Cable Connector Jack Type A~ Type Z Unsealed

D/N: 600-42341-01

● Outline Dimensions

● Technology Parameters



A	Deep Black	818042335
B	Cream White	818042336
C	Signal Blue	818042337
D	Date Red	818042338
E	Leaf Green	818042339
F	Nut Brown	818042340
G	Blue Gray	—
H	Heather Violet	—
I	Beige	—
K	Curry	—
L	Carmin Red	—
M	Pastel Orange	—
N	Pastel Green	—
Z	Water Blue	818042341
Keying Code	Color	Part No.

Material

2.7 Plastic Housings:PPO
2.8 Outer Contact:Copper Alloy
2.9 Center Pin:Copper Alloy
3.0 Insulator:PPO
3.1 Clip:Copper Alloy

3.2 Tube:Stainless Steel
3.3 Lock Catch:PPO
3.4 Cable: Coaxial Cable OD3.3
3.5 Type A~Type Z

Electrical Performance

1.1 Impedance:50+/-5 Ω
1.2 Frequency Range:DC to 9 GHz
1.3 Return Loss: ≤ -20 dB 0~3 GHz
 ≤ -14 dB 3~6 Ghz
 ≤ -11 dB 6~39GHz
1.4 Insertion Loss: $\leq 0.1 \times \sqrt{f(\text{GHz})}$ dB
1.5 Insulation Resistance: ≥ 100 M Ω
1.6 Center Contact Resistance:24m Ω Max
1.7 Outer Contact Resistance:6m Ω Max
1.8 Test Voltage:500V rms
1.9 Working Voltage:12V DC
2.0 Contact Current: ≤ 0.5 A DC
2.1 RF-leakage: ≥ 65 dB

Mechanical Performance

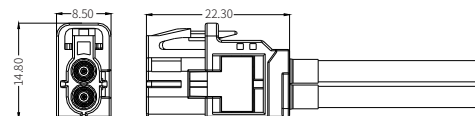
2.2 Mating Cycles: ≥ 25 Times
2.3 Engagement Force: ≤ 25 N
2.4 Cable And Center Pin Retention Force: ≥ 50 N
2.5 Rentention Force Latch: ≥ 110 N
2.6 Temperature Range: -40 °C ~ +105 °C

Mini Fakra(R-MF) 2 Pos Cable Connector Jack Type A~ Type Z Unsealed

D/N: 600-42907-01

● Outline Dimensions

● Technology Parameters



A	Deep Black	818042901
B	Cream White	818042902
C	Signal Blue	818042903
D	Date Red	818042904
E	Leaf Green	818042905
F	Nut Brown	818042906
G	Blue Gray	—
H	Heather Violet	—
I	Beige	—
K	Curry	—
L	Carmin Red	—
M	Pastel Orange	—
N	Pastel Green	—
Z	Water Blue	818042907
Keying Code	Color	Part No.

Material

2.7 Plastic Housings:PPO
2.8 Outer Contact:Copper Alloy
2.9 Center Pin:Copper Alloy
3.0 Insulator:PPO
3.1 Clip:Copper Alloy

3.2 Tube:Stainless Steel
3.3 Lock Catch:PPO
3.4 Cable:Coaxial Cable OD3.3
3.5 Type A~Type Z

Electrical Performance

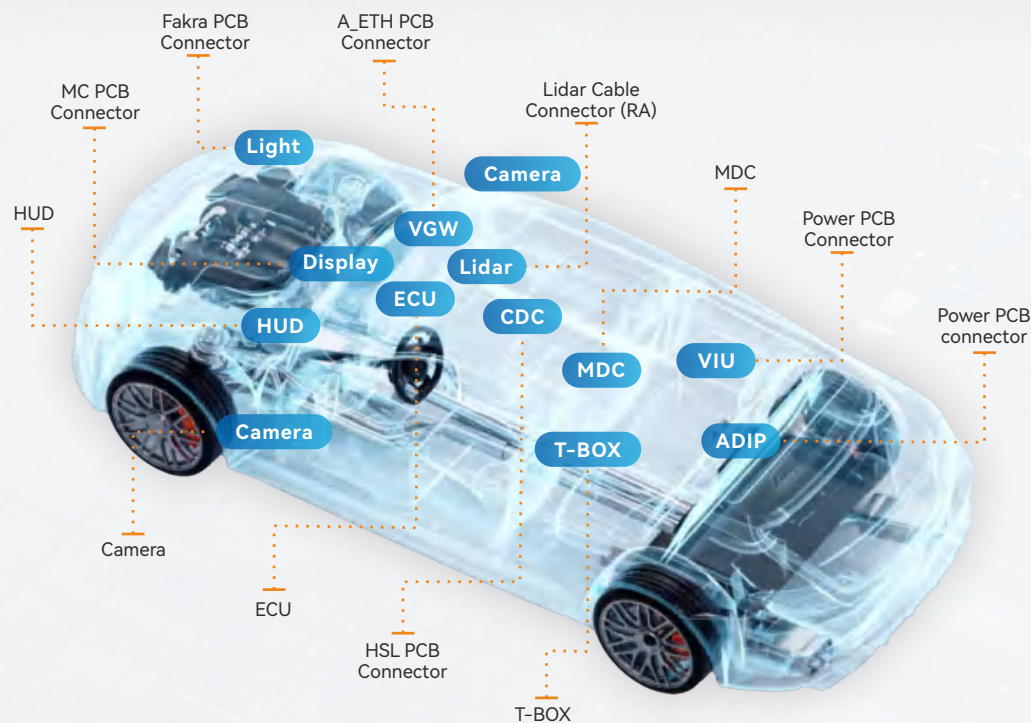
1.1 Impedance:50+/-5 Ω
1.2 Frequency Range:DC to 9 GHz
1.3 Return Loss: ≤ -20 dB 0~3 GHz
 ≤ -14 dB 3~6 GHz
 ≤ -11 dB 6~39GHz
1.4 Insertion Loss: $\leq 0.1 \times \sqrt{f(\text{GHz})}$ dB
1.5 Insulation Resistance: ≥ 100 M Ω
1.6 Center Contact Resistance:24m Ω Max
1.7 Outer Contact Resistance:6m Ω Max
1.8 Test Voltage:500V rms
1.9 Working Voltage:12V DC
2.0 Contact Current: ≤ 0.5 A DC
2.1 RF-leakage: ≥ 65 dB

Mechanical Performance

2.2 Mating Cycles: ≥ 25 Times
2.3 Engagement Force: ≤ 25 N
2.4 Cable And Center Pin Retention Force: ≥ 50 N
2.5 Rentention Force Latch: ≥ 110 N
2.6 Temperature Range: -40 °C ~ +105 °C

03

HSD Connector Series



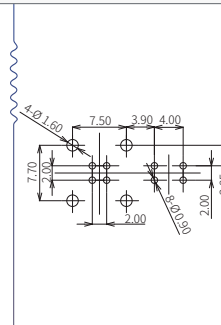
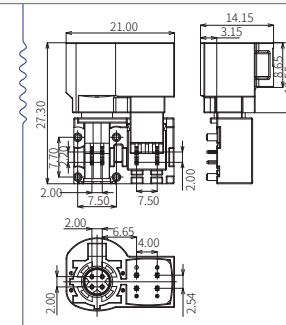
4+4 Pin HSD, R/A, Plug for PCB

D/N:600-11482-01

● Outline Dimensions

● PCB Layout

● Technology Parameters



Electrical Performance

- 1.1 Impedance: 100Ω
- 1.2 Frequency: DC to 2 GHz
- 1.3 Return Loss:
 - ≥20 dB to 1 GHz
 - ≥17 dB to 2 GHz
- 1.4 Insertion Loss: ≤ 0.1 dB to 2 GHz
- 1.5 Insulation Resistance: ≥ 1000 MΩ
- 1.6 Center Contact Resistance: ≤ 8mΩ
- 1.7 Test Voltage: 250V rms
- 1.8 Working Voltage: 100V rms
- 1.9 Contact Current: ≤ 1.5 A DC
- 2.0 RF-leakage:
 - 75dB, up to 1GHz(IEC 62153-4-7)
 - 65dB, up to 2GHz(IEC 62153-4-7)

Material

- Plastic Housings: PPA
- Outer Contact: Zinc Alloy
- Insulator: HTN+30%GF
- Center Pin: Copper Alloy
- Reflow Soldering

Mechanical Performance

- 2.1 Mating Cycles: ≥ 25 Cycles
- 2.2 Mating Force: ≤ 30 N
- 2.3 Disengagement Force: ≥ 5 N
- 2.4 Retention Force Latch: ≥ 110 N
- 2.5 Temperature Range: -40 °C ~ +105 °C

Part Number Table

P/N	818011482	818011483	818011484	818011485
Type	Type A	Type B	Type C	Type Z
Image				

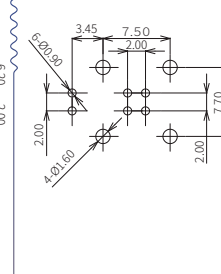
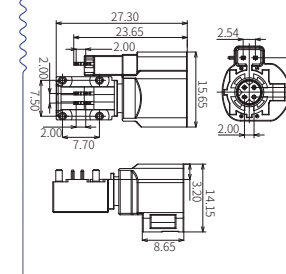
4+2 Pin HSD, R/A, Plug for PCB

D/N:600-11551-01

● Outline Dimensions

● PCB Layout

● Technology Parameters



Electrical Performance

- 1.1 Impedance: 100Ω
- 1.2 Frequency: DC to 2 GHz
- 1.3 Return Loss:
 - ≥20 dB to 1 GHz
 - ≥17 dB to 2 GHz
- 1.4 Insertion Loss: ≤ 0.1 dB to 2 GHz
- 1.5 Insulation Resistance: ≥ 1000 MΩ
- 1.6 Center Contact Resistance: ≤ 8mΩ
- 1.7 Test Voltage: 250V rms
- 1.8 Working Voltage: 100V rms
- 1.9 Contact Current: ≤ 1.5 A DC
- 2.0 RF-leakage:
 - 75dB, up to 1GHz(IEC 62153-4-7)
 - 65dB, up to 2GHz(IEC 62153-4-7)

Material

- Plastic Housings: PPA
- Outer Contact: Zinc Alloy
- Insulator: HTN+30%GF
- Center Pin: Copper Alloy
- Reflow Soldering

Mechanical Performance

- 2.1 Mating Cycles: ≥ 25 Cycles
- 2.2 Mating Force: ≤ 30 N
- 2.3 Disengagement Force: ≥ 5 N
- 2.4 Retention Force Latch: ≥ 110 N
- 2.5 Temperature Range: -40 °C ~ +105 °C

Part Number Table

P/N	818011551	818011552	818011553	818011554
Type	Type A	Type B	Type C	Type Z
Image				

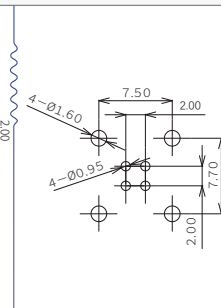
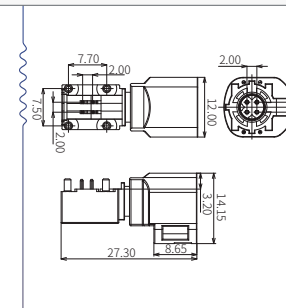
4 Pin HSD, R/A, Plug for PCB

D/N:600-10893-01

● Outline Dimensions

● PCB Layout

● Technology Parameters



Electrical Performance

- 1.1 Impedance: 100Ω
- 1.2 Frequency: DC to 2 GHz
- 1.3 Return Loss:
 - ≥20 dB to 1 GHz
 - ≥17 dB to 2 GHz
- 1.4 Insertion Loss: ≤ 0.1 dB to 2 GHz
- 1.5 Insulation Resistance: ≥ 1000 MΩ
- 1.6 Center Contact Resistance: ≤ 8mΩ
- 1.7 Test Voltage: 250V rms
- 1.8 Working Voltage: 100V rms
- 1.9 Contact Current: ≤ 1.5 A DC
- 2.0 RF-leakage:
 - 75dB, up to 1GHz(IEC 62153-4-7)
 - 65dB, up to 2GHz(IEC 62153-4-7)

Material

- Plastic Housings: PPA
- Outer Contact: Zinc Alloy
- Insulator: HTN+30%GF
- Center Pin: Copper Alloy
- Reflow Soldering

Mechanical Performance

- 2.1 Mating Cycles: ≥ 25 Cycles
- 2.2 Mating Force: ≤ 30 N
- 2.3 Disengagement Force: ≥ 5 N
- 2.4 Retention Force Latch: ≥ 110 N
- 2.5 Temperature Range: -40 °C ~ +105 °C

Part Number Table

P/N	818010887	818010888	818010889	818010890	818010891	818010892	818010893
Type	Type A	Type B	Type C	Type D	Type E	Type F	Type Z
Image							

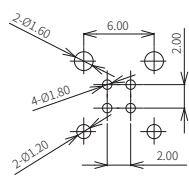
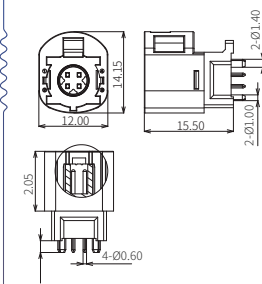
4 Pin HSD, V/T, Plug for PCB

D/N:600-13230-01

● Outline Dimensions

● PCB Layout

● Technology Parameters



Electrical Performance

- 1.1 Impedance: 100Ω
- 1.2 Frequency: DC to 2 GHz
- 1.3 Return Loss:
≥20 dB to 1 GHz
≥17 dB to 2 GHz
- 1.4 Insertion Loss: ≤ 0.1 dB to 2 GHz
- 1.5 Insulation Resistance: ≥ 1000 MΩ
- 1.6 Center Contact Resistance: ≤ 8mΩ
- 1.7 Test Voltage: 250V rms
- 1.8 Working Voltage: 100V rms
- 1.9 Contact Current: ≤ 1.5 A DC
- 2.0 RF-leakage:
75dB, up to 1GHz(IEC 62153-4-7)
65dB, up to 2GHz(IEC 62153-4-7)

Material

- Plastic Housings: PPA
- Outer Contact: Phosphor Bronze
- Insulator: HTN
- Center Pin: Copper Alloy

Mechanical Performance

- 2.1 Mating Cycles: ≥ 25 Cycles
- 2.2 Mating Force: ≤ 30 N
- 2.3 Disengagement Force: ≥ 5 N
- 2.4 Retention Force Latch: ≥ 110 N
- 2.5 Temperature Range: -40 °C ~ +105 °C

Part Number Table

P/N	818013230	818013231	818013232	818013233	818013234	818013235	818013236
Type	Type A	Type B	Type C	Type D	Type E	Type F	Type Z
Image							

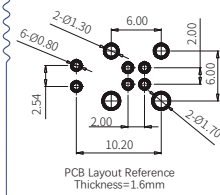
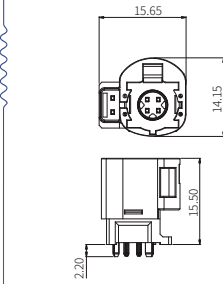
4+2 Pin HSD, V/T, Plug for PCB

D/N: 600-14719-01

● Outline Dimensions

● PCB Layout

● Technology Parameters



Electrical Performance

- 1.1 Impedance: 100Ω
- 1.2 Frequency Range: DC to 2 GHz
- 1.3 Return Loss:
≥ 20dB, DC to 1GHz
≥ 17dB, DC to 2GHz
- 1.4 Insertion Loss: ≤ 0.1dB to 1GHz
- 1.5 Insulation Resistance: ≥ 1000MΩ
- 1.6 Center Contact Resistance: 8mΩ Max
- 1.7 Test Voltage: 250V rms
- 1.8 Working Voltage: 100V rms
- 1.9 Contact Current: ≤ 1.5A DC
- 2.0 RF-Leakage:
75dB, up to 1GHz (IEC 62153-4-7)
65dB, up to 2GHz (IEC 62153-4-7)

Material

- Plastic Housings: PPA
- Outer Contact: Phosphor Bronze
- Insulator: HTN
- Center Pin: Copper Alloy

Mechanical Performance

- 2.1 Mating Cycles: ≥ 25 Cycles
- 2.2 Mating Force: ≤ 30N
- 2.3 Disengagement Force: ≥ 5 N
- 2.4 Retention Force Latch: ≥ 110 N
- 2.5 Temperature Range: -40 °C ~ +105 °C

Part Number Table

P/N	818014719	818014720	818014721	818014722	818014723	818014724	818014725
Type	Type A	Type B	Type C	Type D	Type E	Type F	Type Z
Image							

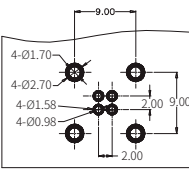
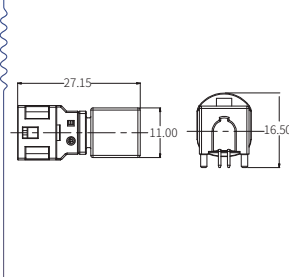
4 Pin HSD, R/A, Plug for PCB (Center Pin Height 5.0mm)

D/N: 600-13950-01

● Outline Dimensions

● PCB Layout

● Technology Parameters



Electrical Performance

- 1.1 Impedance: 100Ω
- 1.2 Frequency Range: DC to 2 GHz
- 1.3 Return Loss:
≥ 20dB, DC to 1GHz
≥ 17dB, DC to 2GHz
- 1.4 Insertion Loss: ≤ 0.1dB to 1GHz
- 1.5 Insulation Resistance: ≥ 1000 MΩ
- 1.6 Center Contact Resistance: 8mΩ Max
- 1.7 Test Voltage: 250V rms
- 1.8 Working Voltage: 100V rms
- 1.9 Contact Current: ≤ 1.5A DC
- 2.0 RF-Leakage:
75dB, up to 1GHz(IEC 62153-4-7)
65dB, up to 2GHz(IEC 62153-4-7)

Material

- Plastic Housings: PPA
- Outer Contact: Phosphor Bronze
- Insulator: HTN
- Center Pin: Copper Alloy

Mechanical Performance

- 2.1 Mating Cycles: ≥ 25 Cycles
- 2.2 Mating Force: ≤ 30N
- 2.3 Disengagement Force: ≥ 5 N
- 2.4 Retention Force Latch: ≥ 110 N
- 2.5 Temperature Range: -40 °C ~ +105 °C

Part Number Table

P/N	818013950	818013951	818013952	818013953	818013954	818013955	818013956
Type	Type A	Type B	Type C	Type D	Type E	Type F	Type Z
Image							

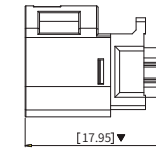
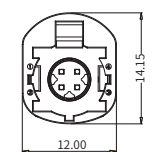
4 Pin HSD, V/T Type, PCB (5*5)

D/N: 600-18394-01

● Outline Dimensions

● PCB Layout

● Technology Parameters



Electrical Performance

- 1.1 Impedance: 100Ω
- 1.2 Frequency: DC to 2 GHz
- 1.3 Return Loss:
≥20 dB to 1 GHz
≥17 dB to 2 GHz
- 1.4 Insertion Loss: ≤ 0.1 dB to 2 GHz
- 1.5 Insulation Resistance: ≥ 1000 MΩ
- 1.6 Center Contact Resistance: ≤ 8mΩ
- 1.7 Test Voltage: 250V rms
- 1.8 Working Voltage: 100V rms
- 1.9 Contact Current: ≤ 1.5 A DC
- 2.0 RF-leakage:
75dB, up to 1GHz(IEC 62153-4-7)
65dB, up to 2GHz(IEC 62153-4-7)

Material

- Plastic Housings: PPA
- Outer Contact: Phosphor Bronze
- Insulator: HTN
- Center Pin: Copper Alloy

Mechanical Performance

- 2.1 Mating Cycles: ≥ 25 Cycles
- 2.2 Mating Force: ≤ 30 N
- 2.3 Disengagement Force: ≥ 5 N
- 2.4 Retention Force Latch: ≥ 110 N
- 2.5 Temperature Range: -40 °C ~ +105 °C

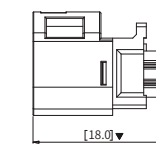
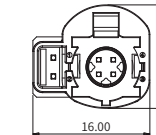
4+2 Pin HSD, V/T Type, PCB (5*5)

D/N: 600-18401-01

● Outline Dimensions

● PCB Layout

● Technology Parameters



Electrical Performance

- 1.1 Impedance: 100Ω
- 1.2 Frequency: DC to 2 GHz
- 1.3 Return Loss:
≥ 20 dB to 1 GHz
≥ 17 dB to 2 GHz
- 1.4 Insertion Loss: ≤ 0.1 dB to 2 GHz
- 1.5 Insulation Resistance: ≥ 1000 MΩ
- 1.6 Center Contact Resistance: ≤ 8mΩ
- 1.7 Test Voltage: 250V rms
- 1.8 Working Voltage: 100V rms
- 1.9 Contact Current: ≤ 1.5 A DC
- 2.0 RF-leakage:
75dB, up to 1GHz(IEC 62153-4-7)
65dB, up to 2GHz(IEC 62153-4-7)

Material

- Plastic Housings: PPA
- Outer Contact: Phosphor Bronze
- Insulator: HTN
- Center Pin: Copper Alloy

Mechanical Performance

- 2.1 Mating Cycles: ≥ 25 Cycles
- 2.2 Mating Force: ≤ 30 N
- 2.3 Disengagement Force: ≥ 5 N
- 2.4 Retention Force Latch: ≥ 110 N
- 2.5 Temperature Range: -40 °C ~ +105 °C

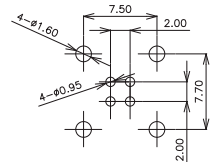
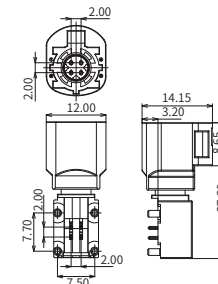
4 Pin HSD, R/A, Plug for PCB

D/N:600-13112-01

● Outline Dimensions

● PCB Layout

● Technology Parameters



Electrical Performance

- 1.1 Impedance: 100Ω
- 1.2 Frequency: DC to 2 GHz
- 1.3 Return Loss:
≥20 dB to 1 GHz
≥17 dB to 2 GHz
- 1.4 Insertion Loss: ≤ 0.1 dB to 2 GHz
- 1.5 Insulation Resistance: ≥ 1000 MΩ
- 1.6 Center Contact Resistance: ≤ 8mΩ
- 1.7 Test Voltage: 250V rms
- 1.8 Working Voltage: 100V rms
- 1.9 Contact Current: ≤ 1.5 A DC
- 2.0 RF-leakage:
75dB, up to 1GHz(IEC 62153-4-7)
65dB, up to 2GHz(IEC 62153-4-7)

Material

- Plastic Housings: PPA
- Outer Contact: Zinc Alloy
- Insulator: HTN+30%GF
- Center Pin: Copper Alloy
- Reflow Soldering

Mechanical Performance

- 2.1 Mating Cycles: ≥ 25 Cycles
- 2.2 Mating Force: ≤ 30 N
- 2.3 Disengagement Force: ≥ 5 N
- 2.4 Retention Force Latch: ≥ 110 N
- 2.5 Temperature Range: -40 °C ~ +105 °C

4+2 Pin HSD, R/A, Plug for PCB

D/N: 600-34011-01

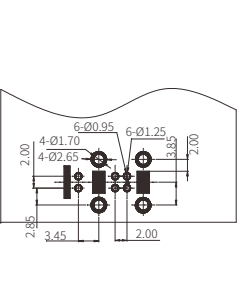
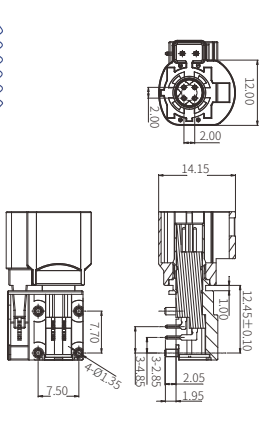
● Outline Dimensions

● PCB Layout

● Technology Parameters



A	黑色9005	818033990
B	白色9001	818033991
C	蓝色5005	818033992
D	枣红色4004	818033993
E	绿色6002	818033994
F	棕色8011	818033995
G	灰色7031	—
H	紫罗兰4003	—
I	米黄色1001	—
K	咖喱色1027	—
L	胭脂红3002	—
M	粉橙色2003	—
N	棕蓝绿色6019	—
Z	水蓝色5021	818034011
Keying Code	Color	Part No.



- 材质**
- 塑胶主体: PPA
 - 外屏蔽: Zinc Alloy
 - 绝缘体: HTN+30%GF
 - 中心针: Copper Alloy
 - 过回流焊

- 电气性能**
- 1.1 特性阻抗: 100Ω
 - 1.2 频率范围: DC to 2 GHz
 - 1.3 回波损耗:
≥20 dB to 1 GHz ≥17 dB to 2 GHz
 - 1.4 插入损耗: ≤ 0.1 dB to 2 GHz
 - 1.5 绝缘电阻: ≥ 1000 MΩ
 - 1.6 接触电阻: ≤ 8mΩ
 - 1.7 测试电压: 250V rms
 - 1.8 工作电压: 100V rms
 - 1.9 触点电流: ≤ 1.5 A DC
 - 2.0 屏蔽损耗:
75dB, up to 1GHz(IEC 62153-4-7)
65dB, up to 2GHz(IEC 62153-4-7)

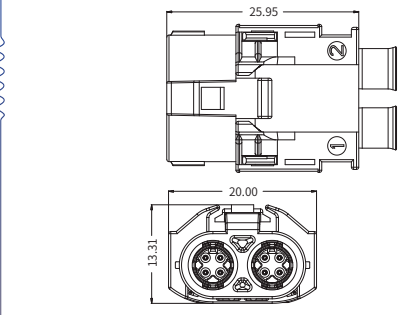
- 机械性能**
- 2.1 机械寿命: ≥ 25 Cycles
 - 2.2 插入力: ≤ 75 N
 - 2.3 拔出力: 75N ≥ F ≥ 5 N
 - 2.4 工作温度范围: -40 °C ~ +105 °C

HSD Cable 4 Pin, Double Jack Connector

D/N: 600-14390-01

● Outline Dimensions

● Technology Parameters



Part Number Table

P/N	818014384	818014385	818014386	818014387	818014388	818014389	818014390
Type	Type A	Type B	Type C	Type D	Type E	Type F	Type Z
Image							

- Electrical Performance**
- 1.1 Impedance: 100Ω
 - 1.2 Frequency Range: DC to 2 GHz
 - 1.3 Center Contact Resistance:
10mΩ Max
 - 1.4 Test Voltage: 250V rms
 - 1.5 Working Voltage: 100V rms
 - 1.6 Contant Current: ≤ 3A DC

- Mechanical Performance**
- 1.7 Mating Cycles: ≥ 25 Cycles
 - 1.8 Rentention Force Latch: ≥ 110 N
 - 1.9 Temperature Range:
-40 °C ~ +105 °C

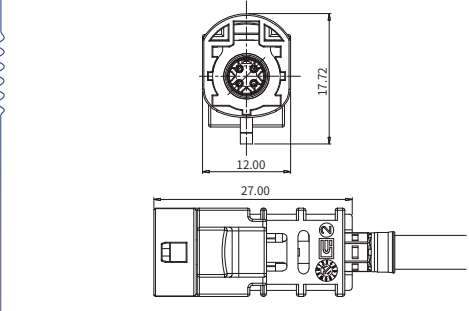
- Material**
- 2.0 Plastic Housings: PBT
 - 2.1 Outer Contact: Brass
 - 2.2 Insulator: PBT
 - 2.3 Center Pin: Phosphorus Copper

HSD Cable 4 Pin, Plug Connector

D/N: 600-11429-01

● Outline Dimensions

● Technology Parameters



Part Number Table

P/N	818011429	818011423	818011424	818011425	818011426	818011427	818011428
Type	Type Z	Type A	Type B	Type C	Type D	Type E	Type F
Image							

- Electrical Performance**
- 1.1 Impedance: 100Ω
 - 1.2 Frequency Range: DC to 2 GHz
 - 1.3 Center Contact Resistance:
10mΩ Max
 - 1.4 Test Voltage: 250V rms
 - 1.5 Working Voltage: 100V rms
 - 1.6 Contant Current: ≤ 1.5A DC

- Mechanical Performance**
- 1.7 Mating Cycles: ≥ 25 Cycles
 - 1.8 Rentention Force Latch: ≥ 110 N
 - 1.9 Temperature Range:
-40 °C ~ +105 °C

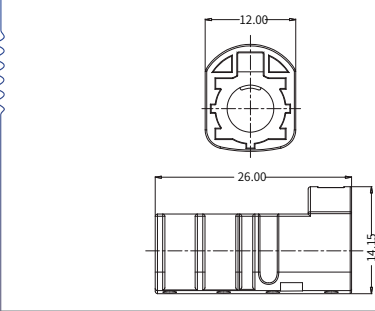
- Material**
- 2.0 Plastic Housings: PBT
 - 2.1 Outer Contact: Brass
 - 2.2 Insulator: PBT
 - 2.3 Center Pin: Phosphorus Copper

HSD Cable 4 Pin, Plug Connector (Without Clip)

D/N: 600-13148-01

● Outline Dimensions

● Technology Parameters



Part Number Table

P/N	818013142	818013143	818013144	818013145	818013146	818013147	818013148
Type	Type A	Type B	Type C	Type D	Type E	Type F	Type Z
Image							

- Electrical Performance**
- 1.1 Impedance: 100Ω
 - 1.2 Frequency Range: DC to 2 GHz
 - 1.3 Center Contact Resistance:
10mΩ Max
 - 1.4 Test Voltage: 250V rms
 - 1.5 Working Voltage: 100V rms
 - 1.6 Contant Current: ≤ 1.5A DC

- Mechanical Performance**
- 1.7 Mating Cycles: ≥ 25 Cycles
 - 1.8 Rentention Force Latch: ≥ 110 N
 - 1.9 Temperature Range:
-40 °C ~ +105 °C

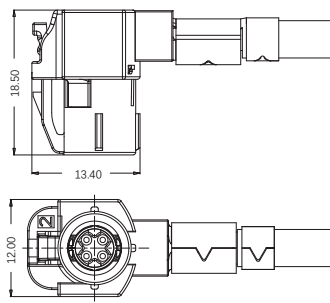
- Material**
- 2.0 Plastic Housings: PBT
 - 2.1 Outer Contact: Brass
 - 2.2 Insulator: PBT
 - 2.3 Center Pin: Phosphorus Copper

HSD Cable 4 Pin, R/A, Jack Connector

D/N: 600-13556-01

● Outline Dimensions

● Technology Parameters



Electrical Performance

- 1.1 Impedance: 100Ω
- 1.2 Frequency Range: DC to 1 GHz
- 1.3 Center Contact Resistance: 10mΩ Max
- 1.4 Test Voltage: 250V rms
- 1.5 Working Voltage: 100V rms
- 1.6 Contant Current: ≤ 3A DC

Mechanical Performance

- 1.7 Mating Cycles: ≥ 25 Cycles
- 1.8 Rentention Force Latch: ≥ 110 N
- 1.9 Temperature Range: -40 °C ~ +105 °C

Material

- 2.0 Plastic Housings: PBT
- 2.1 Outer Contact: Brass
- 2.2 Insulator: PBT
- 2.3 Center Pin: Phosphorus Copper

Part Number Table

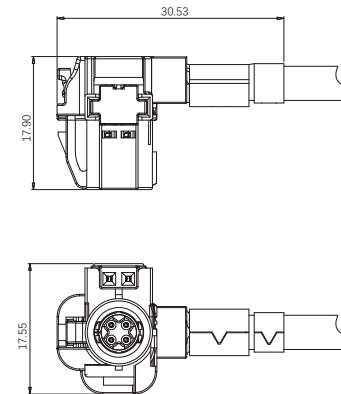
P/N	818013550	818013551	818013552	818013553	818013554	818013555	818013556
Type	Type A	Type B	Type C	Type D	Type E	Type F	Type Z
Image							

HSD Cable, 4+2 Pin, R/A, Jack Connector

D/N:600-15163-01

● Outline Dimensions

● Technology Parameters



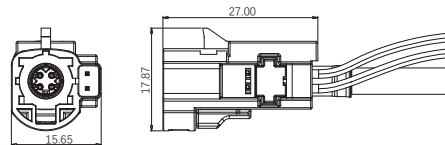
- 1.1 Impedance: 100Ω
- 1.2 Frequency Range: DC to 1 GHz
- 1.3 Center Contact Resistance: ≤10 mΩ
- 1.4 Rated Voltage: 100V rms
- 1.5 Rated Current: ≤ 3 A DC
- 1.6 Durability: ≥25Times (Cycles)
- 1.7 Rentention Force Latch: ≥110N
- 1.8 Temperature Range: -40 °C ~ +105 °C
- 1.9 Environment Requirements: Meet RoHS

HSD Cable, 4+2 Pin, Jack Connector (With Clip) for Coding Z

D/N:600-15839-01

● Outline Dimensions

● Technology Parameters



- 1.1 Impedance: 100Ω
- 1.2 Frequency Range: DC to 2 GHz
- 1.3 Center Contact Resistance: ≤10 mΩ
- 1.4 Rated Voltage: 100Vrms
- 1.5 Rated Current: ≤ 3 A DC
- 1.6 Durability: ≥25Times (Cycles)
- 1.7 Rentention Force Latch: ≥110N
- 1.8 Temperature Range: -40 °C ~ +105 °C
- 1.9 Environment Requirements: Meet RoHS

HSD Cable, 4 Pin, Jack Connector

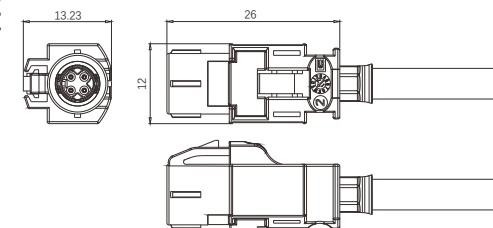
D/N:600-11422-01

● Outline Dimensions

● Technology Parameters



A	Deep Black	818011416
B	Cream White	818011417
C	Signal Blue	818011418
D	Claret Violet	818011419
E	Leaf Green	818011420
F	Nut Brown	818011421
G	Blue Gray	818013920
H	Heather Violet	818013921
I	Beige	818013922
K	Curry	818013923
L	Carmine Red	818013924
M	Pastel Orange	818013925
N	Pastel Green	818013926
Z	Water Blue	818011422
Keying Code	Color	Part No.



Electrical Performance

- 1.1 Impedance: 100Ω
- 1.2 Frequency Range: DC to 2 GHz
- 1.3 Center Contact Resistance: 10mΩ Max
- 1.4 Test Voltage: 250V rms
- 1.5 Working Voltage: 100V rms
- 1.6 Contant Current: ≤ 1.5A DC

Mechanical Performance

- 1.7 Mating Cycles: ≥ 25 Cycles
- 1.8 Rentention Force Latch: ≥ 110 N
- 1.9 Temperature Range: -40 °C ~ +105 °C

Material

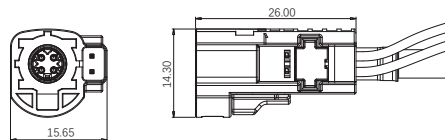
- 2.0 Plastic Housings: PBT
- 2.1 Outer Contact: Brass
- 2.2 Insulator: PBT
- 2.3 Center Pin: Phosphorus Copper

HSD Cable, 4+2 Pin, Jack Connector (Without Clip) for Coding Z

D/N:600-15832-01

● Outline Dimensions

● Technology Parameters



- 1.1 Impedance: 100Ω
- 1.2 Frequency Range: DC to 2 GHz
- 1.3 Center Contact Resistance: ≤10 mΩ
- 1.4 Rated Voltage: 100Vrms
- 1.5 Rated Current: ≤ 3 A DC
- 1.6 Durability: ≥25Times (Cycles)
- 1.7 Rentention Force Latch: ≥110N
- 1.8 Temperature Range: -40 °C ~ +105 °C
- 1.9 Environment Requirements: Meet RoHS

HSD Cable, 4+2 Pin, Jack Connector

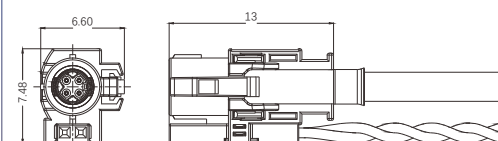
D/N:600-13067-01

● Outline Dimensions

● Technology Parameters



A	Deep Black	818013053
B	Cream White	818013054
C	Signal Blue	818013055
D	Claret Violet	818013056
E	Leaf Green	818013057
F	Nut Brown	818013058
G	Blue Gray	---
H	Heather Violet	---
I	Beige	---
K	Curry	---
L	Carmine Red	---
M	Pastel Orange	---
N	Pastel Green	---
Z	Water Blue	818013067
Keying Code	Color	Part No.



Electrical Performance

- 1.1 Impedance: 100Ω
- 1.2 Frequency Range: DC to 2 GHz
- 1.3 Center Contact Resistance: 10mΩ Max
- 1.4 Test Voltage: 250V rms
- 1.5 Working Voltage: 100V rms
- 1.6 Contant Current: ≤ 1.5A DC

Mechanical Performance

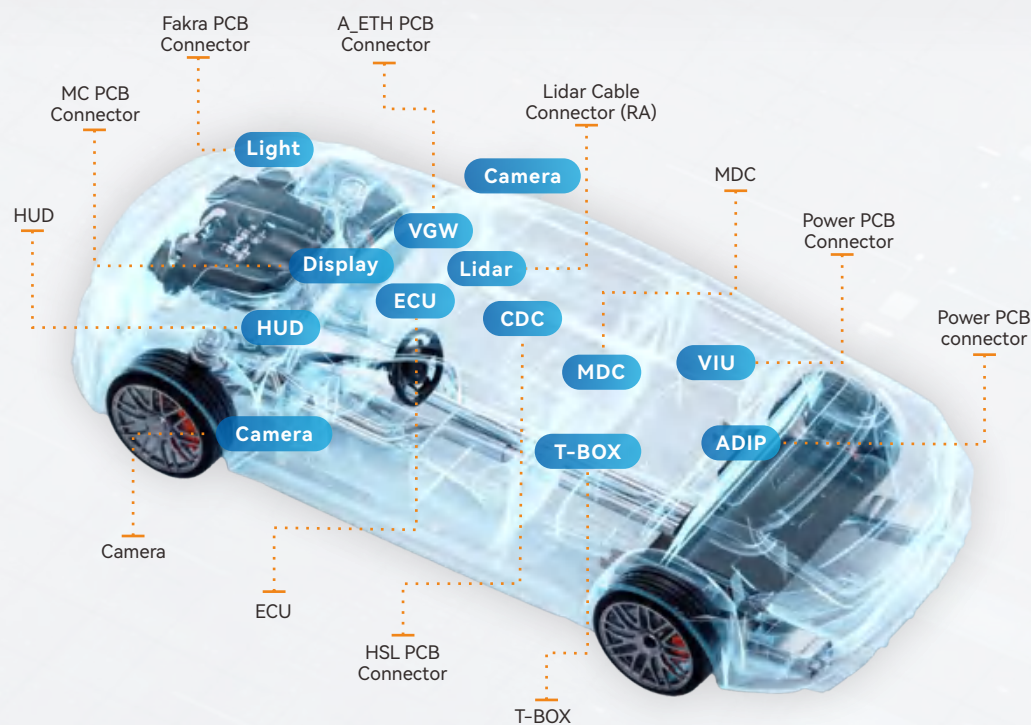
- 1.7 Mating Cycles: ≥ 25 Cycles
- 1.8 Rentention Force Latch: ≥ 110 N
- 1.9 Temperature Range: -40 °C ~ +105 °C

Material

- 2.0 Plastic Housings: PBT
- 2.1 Outer Contact: Brass
- 2.2 Insulator: PBT
- 2.3 Center Pin: Phosphorus Copper

04

HD Camera Connector Series

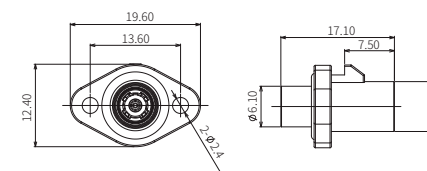


Fakra Plug To SMB Jack, (Conical Hole) IP67&IP69K

D/N: 600-11466-01

● Outline Dimensions

● Technology Parameters



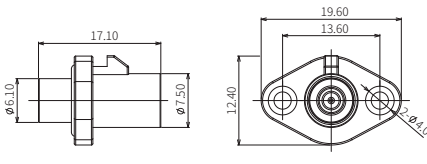
- 1.1 Voltage Rating: 60V DC
- 1.2 Current Rating: $\leq 1A$ DC
- 1.3 Withstanding Voltage: 500V AC
- 1.4 Insulation Resistance: 1000M Ω Min
- 1.5 Center Contact Resistance:
Test Before: 5 m Ω Max
Test After: 40 m Ω Max
- 1.6 Outer Contact Resistance:
Test Before: 5 m Ω Max
Test After: 40 m Ω Max
- 1.7 Mating Force: 25N Max
- 1.8 Unmating Force: 25N Max
- 1.9 Locking Strength: 80N Min
- 2.0 Durability: 25Times (Cycles)
- 2.1 Operating Temperature: -40°C~+105°C
- 2.2 Ingress Protection: IP67&IP69K
- 2.3 Frequency Range: DC to 4 GHz
- 2.4 Return Loss: ≥ 17 dB, DC to 6 GHz
- 2.5 Insertion Loss: $\leq 0.1 \times \sqrt{f(\text{GHz})}$ dB
- 2.6 Environment Requirements: Meet RoHS

Fakra Plug To SMB Jack, (Counterbore Hole) IP67&IP69K

D/N: 600-12320-01

● Outline Dimensions

● Technology Parameters



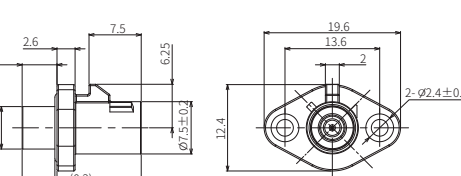
- 1.1 Voltage Rating: 60V DC
- 1.2 Current Rating: $\leq 1A$ DC
- 1.3 Withstanding Voltage: 500V AC
- 1.4 Insulation Resistance: 1000M Ω Min
- 1.5 Center Contact Resistance:
Test Before: 5 m Ω Max
Test After: 40 m Ω Max
- 1.6 Outer Contact Resistance:
Test Before: 5 m Ω Max
Test After: 40 m Ω Max
- 1.7 Mating Force: 25N Max
- 1.8 Unmating Force: 25N Max
- 1.9 Locking Strength: 80N Min
- 2.0 Durability: 100Times (Cycles)
- 2.1 Operating Temperature: -40°C~+105°C
- 2.2 Ingress Protection: IP67&IP69K
- 2.3 Frequency Range: DC to 4 GHz
- 2.4 Return Loss: ≥ 17 dB, DC to 6 GHz
- 2.5 Insertion Loss: $\leq 0.1 \times \sqrt{f(\text{GHz})}$ dB
- 2.6 Environment Requirements: Meet RoHS

SMB Female to Fakra Male Type B

D/N: 600-17618-01

● Outline Dimensions

● Technology Parameters



- 1.1 Voltage Rating: 60V DC
- 1.2 Current Rating: $\leq 1A$ DC
- 1.3 Withstanding Voltage: 500V AC
- 1.4 Insulation Resistance: 1000M Ω Min
- 1.5 Center Contact Resistance:
Test Before: 5 m Ω Max
Test After: 40 m Ω Max
- 1.6 Outer Contact Resistance:
Test Before: 5 m Ω Max
Test After: 40 m Ω Max
- 1.7 Mating Force: 25N Max
- 1.8 Unmating Force: 25N Max
- 1.9 Locking Strength: 80N Min
- 2.0 Durability: 100Times (Cycles)
- 2.1 Operating Temperature: -40°C~+105°C
- 2.2 Ingress Protection: IP67
- 2.3 Frequency Range: DC to 6 GHz
- 2.4 Return Loss: ≥ 17 dB, DC to 6 GHz
- 2.5 Insertion Loss: 0.1dB@ 1 GHz
- 2.6 Environment Requirements: Meet RoHS

Fakra Plug to SMB Jack

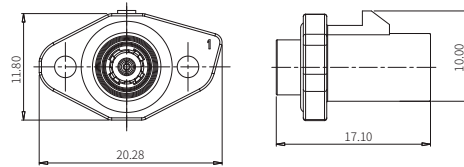
D/N: 600-14884-01

● Outline Dimensions

● Technology Parameters



A	Deep Black	818015034
B	Cream White	818015035
C	Signal Blue	818015036
D	Claret Violet	818015037
E	Leaf Green	818015038
F	Nut Brown	818015039
G	Blue Gray	818015040
H	Heather Violet	818015041
J	Beige	818015042
K	Curry	818015043
L	Carmin Red	818015044
M	Pastel Orange	818015045
N	Pastel Green	818015046
Z	Water Blue	818014884
Keying Code	Color	Part No.



Material

2.4 Outer Contact: Zinc Alloy
2.5 Insulator: PTFE
2.6 Center Pin: Copper Alloy
2.7 O-Ring: Silicon Rubber

Mechanical Performance

1.8 Mating Cycles: ≥ 100 Cycles
1.9 Mating Force: ≤ 25 N
2.0 Unmating Force: ≤ 25 N
2.1 Female Locking Force: ≥ 80 N
2.2 Temperature Range: $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$
2.3 Ingress Protection: IP67

Electrical Performance

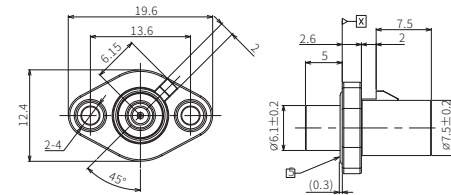
1.1 Impedance: 50Ω
1.2 Insulation Resistance: $\geq 1000\text{ M}\Omega$
1.3 Center Contact Resistance: Test Before: $5\text{ m}\Omega$ Max
Test After: $40\text{ m}\Omega$ Max
1.4 Outer Contact Resistance: Test Before: $5\text{ m}\Omega$ Max
Test After: $40\text{ m}\Omega$ Max
1.5 Test Voltage: 500V rms
1.6 Working Voltage: 60V rms
1.7 Contact Current: $\leq 1\text{A DC}$

SMB Male

D/N: 600-15810-01

● Outline Dimensions

● Technology Parameters



Material

2.6 Plastic Housings: PBT
2.7 Outer Contact: Phosphor Bronze
2.8 Insulator: HTN
2.9 Center Pin: Copper Alloy

Mechanical Performance

2.1 Mating Cycles: ≥ 25 Times
2.2 Mating Force: $\leq 30\text{ N}$
2.3 Disengagement Force: $\geq 5\text{ N}$
2.4 Retention Force Latch: $\geq 110\text{ N}$
2.5 Temperature Range: $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$

Electrical Performance

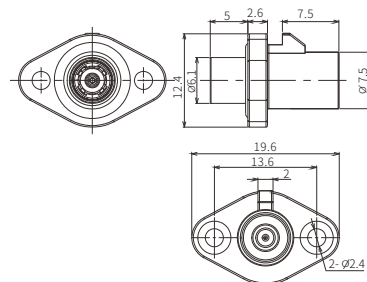
1.1 Impedance: 100Ω
1.2 Frequency Range: DC to 2 GHz
1.3 Return Loss: $\geq 20\text{ dB}$ to 1 GHz
 $\geq 17\text{ dB}$ to 2 GHz
1.4 Insertion Loss: $\leq 0.1\text{ dB}$ to 2 GHz
1.5 Insulation Resistance: $\geq 1000\text{ M}\Omega$
1.6 Center Contact Resistance: $\leq 8\text{ m}\Omega$
1.7 Test Voltage: 250 V rms
1.8 Working Voltage: 100 V rms
1.9 Contact Current: $\leq 1.5\text{ A DC}$
2.0 RF-leakage: $75\text{ dB up TO } 1\text{ GHz (IEC 62153-4-7)}$
 $65\text{ dB up TO } 2\text{ GHz (IEC 62153-4-7)}$

SMB To Fakra

D/N: 600-28074-01

● Outline Dimensions

● Technology Parameters



Part Number Table

P/N	818030124	818030125	818030126	818030127	818028047
Type	Type A	Type B	Type C	Type D	Type E
Image					

Electrical Performance

1.1 Impedance: 50Ω
1.2 Frequency Range: DC to 6 GHz
1.3 VSWR: 1.6 Max
1.4 Insertion Loss: 0.3 dB Max
1.5 Center Contact Resistance: $5\text{ m}\Omega$
1.6 Outer Contact Resistance: $5\text{ m}\Omega$
1.7 Withstanding Voltage: 500V AC
1.8 Voltage Rating: 60 V DC
1.9 Current Rating: 1 A DC Max

Mechanical Performance

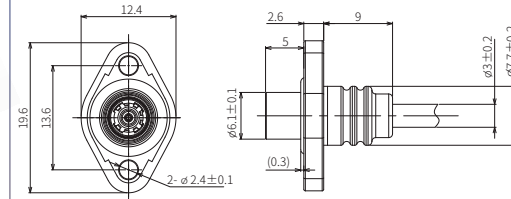
2.0 Mating Cycles: ≥ 25
2.1 Mating Force: 25 N Max
2.2 Unmating Force: 25 N Max
2.3 Locking Strength: 80 N Min
2.4 Ingress Protection: IP67
2.5 Temperature Range: $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$
2.6 Environment Requirements: Meet RoHS

SMB for Cable Connector

D/N: 600-16959-01

● Outline Dimensions

● Technology Parameters



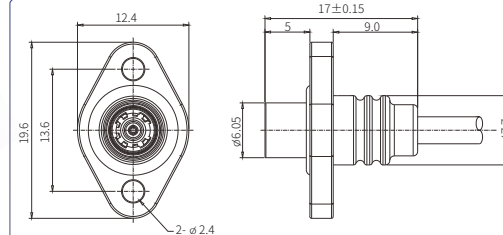
1.1 Impedance: 50Ω
1.2 Frequency Range: DC to 4 GHz
1.3 VSWR: $\geq 1.4\text{ Max (DC-2GHz)}$
 $\geq 1.5\text{ Max (2-3GHz)}$
1.4 Insertion Loss: $\leq 0.1 \times \sqrt{f(\text{GHz})}\text{ dB}$
1.5 Voltage Rating: 60V Max
1.6 Withstanding Voltage: 500VRMS
1.7 Insulation Resistance: $1000\text{M}\Omega\text{ Min}$
1.8 Center Pin Retention Force: 10N Min
1.9 Durability: 25Times (Cycles)
2.0 Operating Temperature: $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$
2.1 Environment Requirements: Meet RoHS
2.2 Ingress Protection: IP68&IP69K

SMB for Cable Connector, L=3.0mm, V/T, Waterproof

D/N: 600-11629-01

● Outline Dimensions

● Technology Parameters



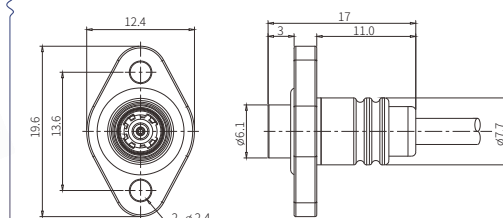
1.1 Impedance: 50Ω
1.2 Frequency Range: DC to 3 GHz
1.3 VSWR: $\geq 1.4\text{ Max (DC-2GHz)}$
 $\geq 1.5\text{ Max (2-3GHz)}$
1.4 Insertion Loss: $\leq 0.1 \times \sqrt{f(\text{GHz})}\text{ dB}$
1.5 Voltage Rating: 60V Max
1.6 Withstanding Voltage: 500VRMS
1.7 Insulation Resistance: $1000\text{M}\Omega\text{ Min}$
1.8 Center Pin Retention Force: 10N Min
1.9 Mating Cycles: $\geq 25\text{ Times}$
2.0 Operating Temperature: $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$
2.1 Environment Requirements: Meet RoHS
2.2 Ingress Protection: IP68&IP69K

SMB for Cable Connector, L=5.0mm, V/T Waterproof

D/N: 600-12385-01

● Outline Dimensions

● Technology Parameters



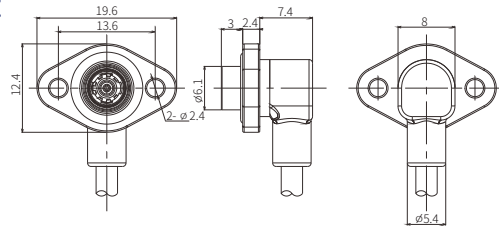
1.1 Impedance: 50Ω
1.2 Frequency Range: DC to 3 GHz
1.3 VSWR: $\geq 1.4\text{ Max (DC-2GHz)}$
 $\geq 1.5\text{ Max (2-3GHz)}$
1.4 Insertion Loss: $\leq 0.1 \times \sqrt{f(\text{GHz})}\text{ dB}$
1.5 Voltage Rating: 60V Max
1.6 Withstanding Voltage: 500VRMS
1.7 Insulation Resistance: $1000\text{M}\Omega\text{ Min}$
1.8 Center Pin Retention Force: 10N Min
1.9 Mating Cycles: $\geq 25\text{ Times}$
2.0 Operating Temperature: $-40^{\circ}\text{C} \sim +105^{\circ}\text{C}$
2.1 Environment Requirements: Meet RoHS
2.2 Ingress Protection: IP68&IP69K

SMB for Cable Connector, L=3.0mm, R/A Waterproof

D/N: 600-11863-01

● Outline Dimensions

● Technology Parameters



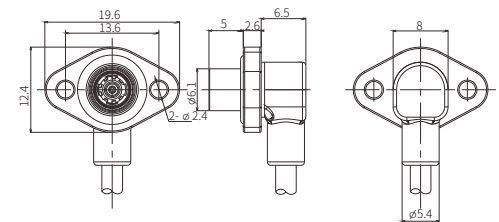
- 1.1 Impedance: 50Ω
- 1.2 Frequency Range: DC to 3GHz
- 1.3 VSWR:
 - ≥ 1.4 Max (DC-2GHz)
 - ≥ 1.5 Max (2-3GHz)
- 1.4 Insertion Loss: $\leq 0.1 \times \sqrt{f(\text{GHz})}$ dB
- 1.5 Voltage Rating: 60V Max
- 1.6 Withstanding Voltage: 500VRMS
- 1.7 Insulation Resistance: 1000MΩ Min
- 1.8 Center Pin Retention Force: 10N Min
- 1.9 Mating Cycles: ≥ 25 Times
- 2.0 Operating Temperature: -40°C ~ +105°C
- 2.1 Environment Requirements: Meet RoHS
- 2.2 Ingress Protection: IP68&IP69K

SMB for Cable Connector, L=5.0mm, R/A Waterproof

D/N: 600-11660-01

● Outline Dimensions

● Technology Parameters



- 1.1 Impedance: 50Ω
- 1.2 Frequency Range: DC to 3GHz
- 1.3 VSWR:
 - ≥ 1.4 Max (DC-2GHz)
 - ≥ 1.5 Max (2-3GHz)
- 1.4 Insertion Loss: $\leq 0.1 \times \sqrt{f(\text{GHz})}$ dB
- 1.5 Voltage Rating: 60V Max
- 1.6 Withstanding Voltage: 500VRMS
- 1.7 Insulation Resistance: 1000MΩ Min
- 1.8 Center Pin Retention Force: 10N Min
- 1.9 Mating Cycles: ≥ 25 Times
- 2.0 Operating Temperature: -40°C ~ +105°C
- 2.1 Environment Requirements: Meet RoHS
- 2.2 Ingress Protection: IP68&IP69K

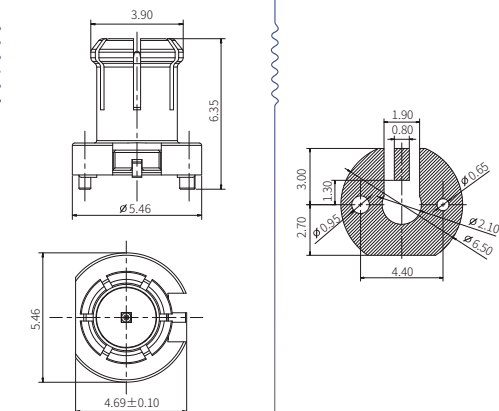
SMB Male for PCB Mounting

D/N: 600-14676-01

● Outline Dimensions

● PCB Layout

● Technology Parameters



- Electrical Performance**
- 1.1 Impedance: 50Ω
 - 1.2 Frequency Range: DC to 4 GHz
 - 1.3 Insertion Loss: ≤ 0.4 dB
 - 1.4 Insulation Resistance: ≥ 1000 MΩ
 - 1.5 Center Contact Resistance: 10 mΩ Max
 - 1.6 Outer Contact Resistance: 5 mΩ Max
 - 1.7 Test Voltage: 500V rms
 - 1.8 Working Voltage: 240V rms
- Mechanical Performance**
- 1.9 Mating Cycles: ≥ 500 Cycles
 - 2.0 Center Pin力: ≥ 10N
 - 2.1 Temperature Range: -40°C ~ +105°C
- Material**
- 2.2 Plastic Housings: PBT
 - 2.3 Outer Contact: Copper Alloy
 - 2.4 Insulator: NTN
 - 2.5 Center Pin: Brass

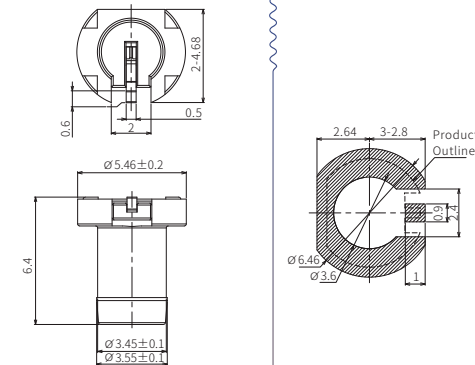
SMB Male for PCB Mounting

D/N: 600-16034-01

● Outline Dimensions

● PCB Layout

● Technology Parameters



- Electrical Performance**
- 1.1 Voltage Rating: 60V DC Max
 - 1.2 Current Rating: 1A DC Max
 - 1.3 Test Voltage: 500V AC Min.
 - 1.4 Insulation Resistance: 1000 MΩ Min
 - 1.5 Center Contact Resistance:
 - Test Before: 5 mΩ Max
 - Test After: 40 mΩ Max
 - 1.6 Outer Center Contact Resistance:
 - Test Before: 5 mΩ Max
 - Test After: 40 mΩ Max
- Mechanical Performance**
- 1.7 Mating Force ≤ 25 N
 - 1.8 Mating Cycles: 25 Cycles
 - 1.9 Temperature Range: -40°C ~ +105°C
- Material**
- 2.0 Body: Zinc Alloy
 - 2.1 Terminal: Brass
 - 2.2 Insulator: HTN + 30%GF
 - 2.3 High Temperature Resistance, Reflow Soldering

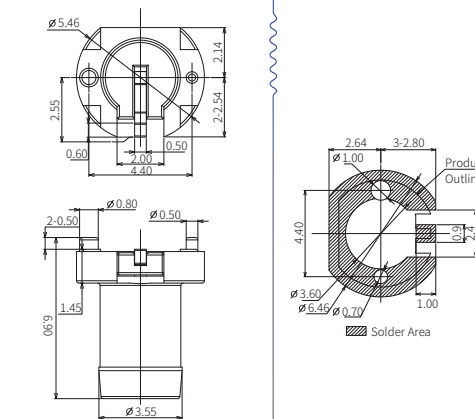
SMB Male for PCB Mounting

D/N: 600-10765-01

● Outline Dimensions

● PCB Layout

● Technology Parameters



- Electrical Performance**
- 1.1 Voltage Rating: 60V DC Max
 - 1.2 Current Rating: 1A DC Max
 - 1.3 Test Voltage: 500V AC Min.
 - 1.4 Insulation Resistance: 1000 MΩ Min
 - 1.5 Center Contact Resistance:
 - Test Before: 5 mΩ Max
 - Test After: 40 mΩ Max
 - 1.6 Outer Center Contact Resistance:
 - Test Before: 5 mΩ Max
 - Test After: 40 mΩ Max
- Mechanical Performance**
- 1.7 Mating Force ≤ 25 N
 - 1.8 Mating Cycles: 100 Cycles
 - 1.9 Temperature Range: -40°C ~ +105°C
- Material**
- 2.0 Body: Zinc Alloy
 - 2.1 Terminal: Brass
 - 2.2 Insulator: HTN + 30%GF
 - 2.3 High Temperature Resistance, Reflow Soldering

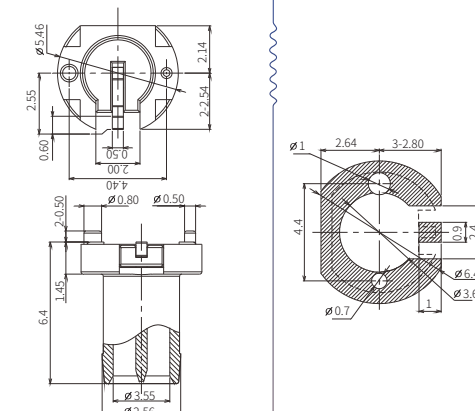
Camera PCB Connector SMB Male

D/N: 600-28075-01

● Outline Dimensions

● PCB Layout

● Technology Parameters



- Electrical Performance**
- 1.1 Voltage Rating: 60V DC Max
 - 1.2 Current Rating: 1A DC Max
 - 1.3 Withstanding Voltage: 500V AC Min
 - 1.4 Insulation Resistance: 1000 MΩ Min
 - 1.5 Center Contact Resistance:
 - Test Before: 5 mΩ Max
 - Test After: 40 mΩ Max
 - 1.6 Outer Contact Resistance:
 - Test Before: 5 mΩ Max
 - Test After: 40 mΩ Max
 - 1.7 Frequency Range: DC to 6 GHz
- Mechanical Performance**
- 2.1 Mating Force: ≤ 25 N
 - 2.2 Mating Cycles: 25 Cycles
 - 2.3 Temperature Range: -40°C ~ +105°C
 - 2.4 Environment Requirements: Meet RoHS

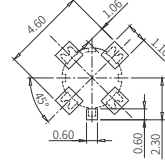
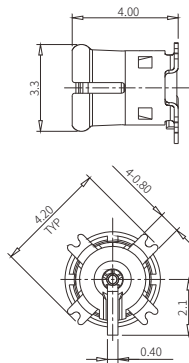
Camera PCB Connector SMB Male

D/N: 600-24072-01

● Outline Dimensions

● PCB Layout

● Technology Parameters



Electrical Performance

- 1.1 Impedance: 50Ω +/-5Ω
- 1.2 Frequency Range: DC to 6 GHz
- 1.3 Insertion Loss: $\geq 0.1 \sqrt{f(\text{GHz})}$ dB
- 1.4 Insulation Resistance: $\geq 100 \text{ m}\Omega$
- 1.5 Center Contact Resistance: $\leq 5 \text{ m}\Omega$
- 1.6 Outer Contact Resistance: $\leq 5 \text{ m}\Omega$
- 1.7 Test Voltage: 500 V rms
- 1.8 Voltage Rating: $\leq 60 \text{ V DC}$
- 1.9 Current Rating: $\leq 1 \text{ A DC}$

Mechanical Performance

- 2.0 Mating Cycles: ≥ 25 Times
- 2.1 Center Pin Retention Force: $\geq 5 \text{ N}$
- 2.2 Mating Force: $\leq 30 \text{ N}$
- 2.3 Unmating Force: $\leq 75 \text{ N}$
- 2.4 Temperature Range: -40 °C ~ +105 °C

Material

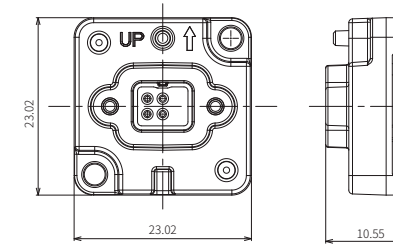
- 2.5 Insulator: LCP
- 2.6 Cap: HTN
- 2.7 Center Pin: Copper Alloy
- 2.8 Outer Contact: Copper Alloy

Camera Rear Cover

D/N: 600-15025-01

● Outline Dimensions

● Technology Parameters



Electrical Performance

- 1.1 Insulation Resistance: $\geq 1000 \text{ M}\Omega$, DC 500V
- 1.2 Center Resistance: Center Contact Resistance: $\leq 10 \text{ m}\Omega$, Outer Contact Resistance: $\leq 7.5 \text{ m}\Omega$
- 1.3 Test Voltage: AC 500V
- 1.4 Center Pin Force: $\geq 5 \text{ N}$
- 1.5 Insulator Force: $\geq 10 \text{ N}$
- 1.6 Retention Force Latch: $\geq 110 \text{ N}$
- 1.7 Temperature Range: -40 °C ~ +105 °C

Material

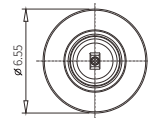
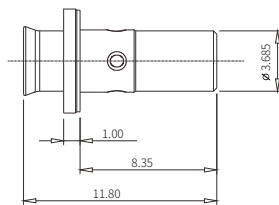
- 1.8 Outer Contact: Zinc Alloy
- 1.9 Insulator: PA66
- 2.0 Center Pin: Brass

Camera Body, H=11.80mm, SMB to Fakra

D/N: 600-27892-01

● Outline Dimensions

● Technology Parameters



Electrical Performance

- 1.1 Impedance: 50Ω +/-5Ω
- 1.2 Frequency Range: DC to 6 GHz
- 1.3 Insertion Loss: $\geq 0.1 \sqrt{f(\text{GHz})}$ dB
- 1.4 Insulation Resistance: $\geq 100 \text{ m}\Omega$
- 1.5 Center Contact Resistance: $\leq 10 \text{ m}\Omega$
- 1.6 Outer Contact Resistance: $\leq 5 \text{ m}\Omega$
- 1.7 Test Voltage: 500 V rms
- 1.8 Voltage Rating: $\leq 60 \text{ V DC}$
- 1.9 Current Rating: $\leq 1 \text{ A D}$

Mechanical Performance

- 2.0 Mating Cycles: ≥ 25 Times
- 2.1 Center Pin Retention Force: $\geq 10 \text{ N}$
- 2.2 Temperature Range: -40 °C ~ +105 °C

Material

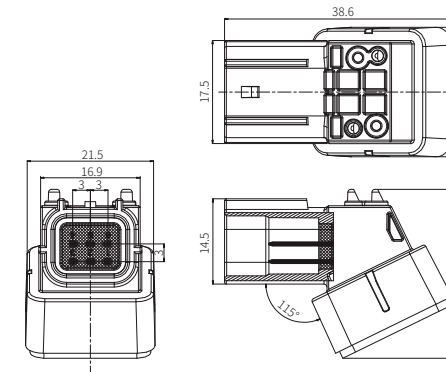
- 2.3 Insulator: LCP
- 2.4 Center Pin: Copper Alloy
- 2.5 Outer Contact: Copper Alloy

The Back of the Camera

D/N: 600-15946-01

● Outline Dimensions

● Technology Parameters



Electrical Performance

- 1.1 Power Current: $\leq 3 \text{ A DC}$
- 1.2 Insulation Resistance: $\geq 500 \text{ M}\Omega$
- 1.3 Dielectric Withstanding: 500V rms min

Mechanical Performance

- 1.4 Mating Cycles: ≥ 200
- 1.5 Mating Force: $\leq 60 \text{ N}$
- 1.6 Unmating Force: $5 \text{ N} < F \leq 60 \text{ N}$
- 1.7 Retention Force Latch: $\geq 110 \text{ N}$

Environmental Performance

- 1.8 Salt Spray: 144h
- 1.9 Temperature Range: -40 °C ~ +105 °C
- 2.0 Ingress Protection(Mating): IP67

Material

- 2.1 Housing: PBT-GF
- 2.2 Center Contact: Copper Alloy

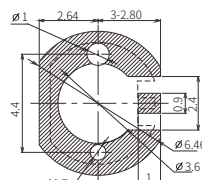
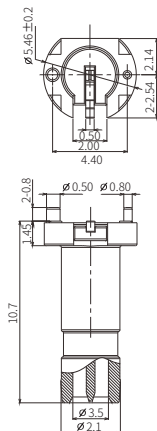
Camera PCB Connector, SMB Male

D/N: 600-24653-01

● Outline Dimensions

● PCB Layout

● Technology Parameters



Electrical Performance

- 1.1 Voltage Rating: 60V DC Max
- 1.2 Current Rating: 1A DC Max
- 1.3 Withstanding Voltage: 500V AC Min
- 1.4 Insulation Resistance: 1000 MΩ Min
- 1.5 Center Contact Resistance: Test Before: 5 mΩ Max, Test After: 40 mΩ Max
- 1.7 Frequency Range: DC to 3 GHz

Mechanical Performance

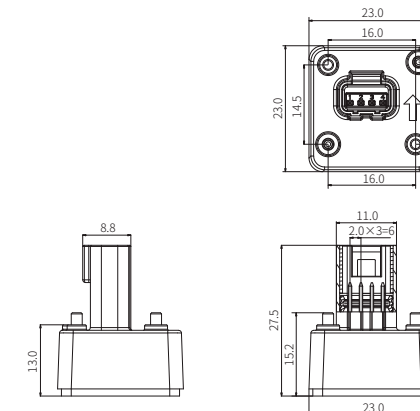
- 1.8 Mating Force: $\leq 25 \text{ N}$
- 1.9 Mating Cycles: 25 Cycles
- 2.0 Temperature Range: -40 °C ~ +105 °C
- 2.1 Environment Requirements: Meet RoHS

Back Shell Assembly

D/N: 600-16438-01

● Outline Dimensions

● Technology Parameters



Electrical Performance

- 1.1 Power Current: $\leq 3 \text{ A DC}$
- 1.2 Insulation Resistance: $\geq 500 \text{ M}\Omega$
- 1.3 Dielectric Withstanding: 500V rms min

Mechanical Performance

- 1.4 Mating Cycles: ≥ 200
- 1.5 Mating Force: $\leq 60 \text{ N}$
- 1.6 Unmating Force: $5 \text{ N} < F \leq 60 \text{ N}$
- 1.7 Retention Force Latch: $\geq 110 \text{ N}$

Environmental Performance

- 1.8 Salt Spray: 144h
- 1.9 Temperature Range: -40 °C ~ +105 °C
- 2.0 Ingress Protection(Mating): IP67

Material

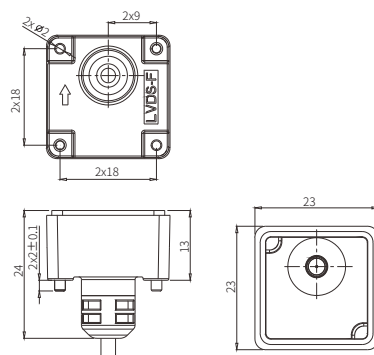
- 2.1 Housing: PBT-GF
- 2.2 Center Contact: Copper Alloy
- 2.3 Retainer: PBT
- 2.4 O-Ring: Silicon Rubber

HD Camera Platform Rear Cover (RG174/RG316)

D/N: 600-24487-01

● Outline Dimensions

● Technology Parameters



Electrical Performance

- 1.1 Impedance: 50Ω
- 1.2 Frequency Range: DC to 3 GHz
- 1.3 Insertion Loss: $\leq 3\text{dB}$
- 1.4 Insulation Resistance: $\geq 500\text{M}\Omega$
- 1.5 Center Contact Resistance: 10 mΩ Max
- 1.6 Outer Contact Resistance: 5 mΩ Max
- 1.7 Test Voltage: 500V rms
- 1.8 Working Voltage: 240V rms

Mechanical Performance

- 1.9 Mating Cycles: ≥ 25 Cycles
- 2.0 Center Pin Force: $\geq 10\text{N}$
- 2.1 Temperature Range: $-40^\circ\text{C} \sim +105^\circ\text{C}$

Material

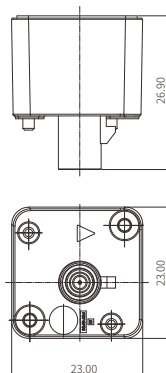
- 2.2 Plastic Housings: PBT
- 2.3 Outer Contact: Brass
- 2.4 Insulator: PBT
- 2.5 Center Pin: Brass

Fakra Plug to SMB Jack

D/N: 600-14677-01

● Outline Dimensions

● Technology Parameters



Electrical Performance

- 1.1 Impedance: 50Ω
- 1.2 Frequency Range: DC to 3 GHz
- 1.3 Insertion Loss: $\leq 3\text{dB}$
- 1.4 Insulation Resistance: $\geq 500\text{M}\Omega$
- 1.5 Center Contact Resistance: 10 mΩ Max
- 1.6 Outer Contact Resistance: 5 mΩ Max
- 1.7 Test Voltage: 500V rms
- 1.8 Working Voltage: 240V rms

Mechanical Performance

- 1.9 Mating Cycles: ≥ 25 Cycles
- 2.0 Center Pin Force: $\geq 10\text{N}$
- 2.1 Temperature Range: $-40^\circ\text{C} \sim +105^\circ\text{C}$

Material

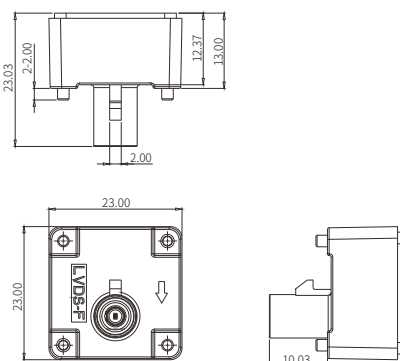
- 2.2 Plastic Housings: PBT
- 2.3 Outer Contact: Brass
- 2.4 Insulator: PBT
- 2.5 Center Pin: Brass

HD Camera Connector, 23mm SQ. DC to 6 Ghz, Mating Height 16.28mm

D/N: 600-24073-01

● Outline Dimensions

● Technology Parameters



Electrical Performance

- 1.1 Impedance: 50Ω +/-5Ω
- 1.2 Frequency Range: DC to 6 GHz
- 1.3 Insertion Loss: $\geq 0.1 \sqrt{f(\text{GHz})}\text{dB}$
- 1.4 Insulation Resistance: $\geq 100\text{m}\Omega$
- 1.5 Center Contact Resistance: $\leq 10\text{m}\Omega$
- 1.6 Outer Contact Resistance: $\leq 5\text{m}\Omega$
- 1.7 Test Voltage: 500 V rms
- 1.8 Voltage Rating: $\leq 60\text{V DC}$
- 1.9 Current Rating: $\leq 1\text{A D}$

Mechanical Performance

- 2.0 Mating Cycles: ≥ 25 Times
- 2.1 Center Pin Retention Force: $\geq 10\text{N}$
- 2.2 Temperature Range: $-40^\circ\text{C} \sim +105^\circ\text{C}$

Material

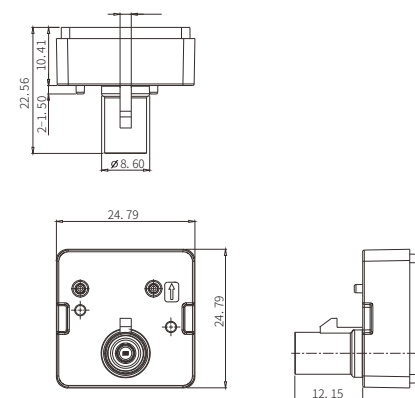
- 2.3 Insulator: LCP
- 2.4 Plastic Housings: PBT
- 2.5 Center Pin: Copper Alloy
- 2.6 Outer Contact: Copper Alloy

HD Camera Connector, 24.79mm SQ. DC to 6 Ghz, Mating Height 16.47mm

D/N: 600-24216-01

● Outline Dimensions

● Technology Parameters



Electrical Performance

- 1.1 Impedance: 50Ω +/-5Ω
- 1.2 Frequency Range: DC to 6 GHz
- 1.3 Insertion Loss: $\geq 0.1 \sqrt{f(\text{GHz})}\text{dB}$
- 1.4 Insulation Resistance: $\geq 100\text{m}\Omega$
- 1.5 Center Contact Resistance: $\leq 10\text{m}\Omega$
- 1.6 Outer Contact Resistance: $\leq 5\text{m}\Omega$
- 1.7 Test Voltage: 500 V rms
- 1.8 Voltage Rating: $\leq 60\text{V DC}$
- 1.9 Current Rating: $\leq 1\text{A D}$

Mechanical Performance

- 2.0 Mating Cycles: ≥ 25 Times
- 2.1 Center Pin Retention Force: $\geq 10\text{N}$
- 2.2 Temperature Range: $-40^\circ\text{C} \sim +105^\circ\text{C}$

Material

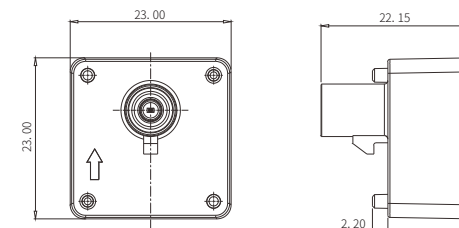
- 2.3 Insulator: LCP
- 2.4 Plastic Housings: PBT
- 2.5 Center Pin: Copper Alloy
- 2.6 Outer Contact: Copper Alloy

HD Camera Connector, 23mm SQ. DC to 6 Ghz, Mating Height 16.47mm

D/N: 600-26071-01

● Outline Dimensions

● Technology Parameters



Electrical Performance

- 1.1 Impedance: 50Ω +/-5Ω
- 1.2 Frequency Range: DC to 6 GHz
- 1.3 Insertion Loss: $\geq 0.1 \sqrt{f(\text{GHz})}\text{dB}$
- 1.4 Insulation Resistance: $\geq 100\text{m}\Omega$
- 1.5 Center Contact Resistance: $\leq 10\text{m}\Omega$
- 1.6 Outer Contact Resistance: $\leq 5\text{m}\Omega$
- 1.7 Test Voltage: 500 V rms
- 1.8 Voltage Rating: $\leq 60\text{V DC}$
- 1.9 Current Rating: $\leq 1\text{A D}$

Mechanical Performance

- 2.0 Mating Cycles: ≥ 25 Times
- 2.1 Center Pin Retention Force: $\geq 10\text{N}$
- 2.2 Temperature Range: $-40^\circ\text{C} \sim +105^\circ\text{C}$

Material

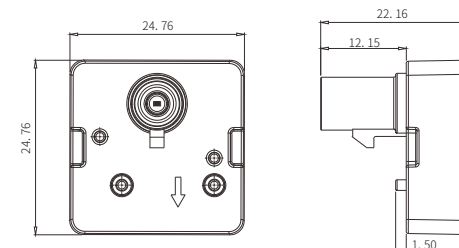
- 2.3 Insulator: LCP
- 2.4 Plastic Housings: PBT
- 2.5 Center Pin: Copper Alloy
- 2.6 Outer Contact: Copper Alloy
- 2.7 Cover: Stainless Steel

HD Camera Connector, 24.76mm SQ. DC to 6 Ghz, Mating Height 16.47mm

D/N: 600-26072-01

● Outline Dimensions

● Technology Parameters



Electrical Performance

- 1.1 Impedance: 50Ω +/-5Ω
- 1.2 Frequency Range: DC to 6 GHz
- 1.3 Insertion Loss: $\geq 0.1 \sqrt{f(\text{GHz})}\text{dB}$
- 1.4 Insulation Resistance: $\geq 100\text{m}\Omega$
- 1.5 Center Contact Resistance: $\leq 10\text{m}\Omega$
- 1.6 Outer Contact Resistance: $\leq 5\text{m}\Omega$
- 1.7 Test Voltage: 500 V rms
- 1.8 Voltage Rating: $\leq 60\text{V DC}$
- 1.9 Current Rating: $\leq 1\text{A D}$

Mechanical Performance

- 2.0 Mating Cycles: ≥ 25 Times
- 2.1 Center Pin Retention Force: $\geq 10\text{N}$
- 2.2 Temperature Range: $-40^\circ\text{C} \sim +105^\circ\text{C}$

Material

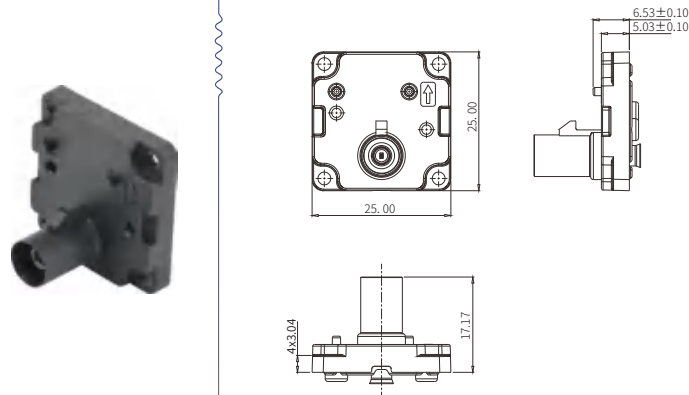
- 2.3 Insulator: LCP
- 2.4 Plastic Housings: PBT
- 2.5 Center Pin: Copper Alloy
- 2.6 Outer Contact: Copper Alloy
- 2.7 Cover: Stainless Steel

HD Camera Connector, 25mm SQ. DC to 6 Ghz, Mating Height 20.50mm

D/N: 600-29634-01

● Outline Dimensions

● Technology Parameters



Electrical Performance

- 1.1 Impedance: 50Ω +/-5Ω
- 1.2 Frequency Range: DC to 6 GHz
- 1.3 Insertion Loss: $\geq 0.1 \sqrt{f(\text{GHz})}$ dB
- 1.4 Insulation Resistance: $\geq 100 \text{ m}\Omega$
- 1.5 Center Contact Resistance: $\leq 10 \text{ m}\Omega$
- 1.6 Outer Contact Resistance: $\leq 5 \text{ m}\Omega$
- 1.7 Test Voltage: 500 V rms
- 1.8 Voltage Rating: $\leq 60 \text{ V DC}$
- 1.9 Current Rating: $\leq 1 \text{ A D}$

Mechanical Performance

- 2.0 Mating Cycles: ≥ 25 Times
- 2.1 Center Pin Retention Force: $\geq 10 \text{ N}$
- 2.2 Temperature Range: $-40^\circ\text{C} \sim +105^\circ\text{C}$

Material

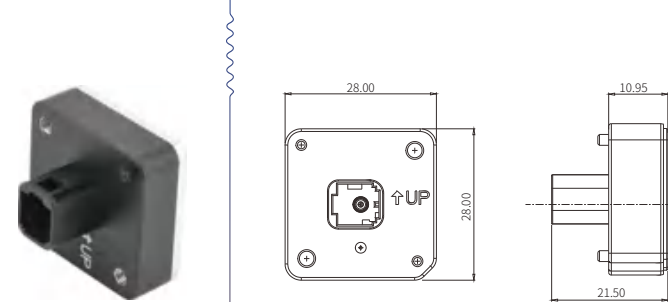
- 2.3 Insulator: LCP
- 2.4 Plastic Housings: PBT
- 2.5 Center Pin: Copper Alloy
- 2.6 Outer Contact: Copper Alloy

HD Camera Connector, 28mm SQ. DC to 6 Ghz, Mating Height 18.9mm

D/N: 600-27415-01

● Outline Dimensions

● Technology Parameters



Electrical Performance

- 1.1 Impedance: 50Ω +/-5Ω
- 1.2 Frequency Range: DC to 6 GHz
- 1.3 Insertion Loss: $\geq 0.1 \sqrt{f(\text{GHz})}$ dB
- 1.4 Insulation Resistance: $\geq 100 \text{ m}\Omega$
- 1.5 Center Contact Resistance: $\leq 10 \text{ m}\Omega$
- 1.6 Outer Contact Resistance: $\leq 5 \text{ m}\Omega$
- 1.7 Test Voltage: 500 V rms
- 1.8 Voltage Rating: $\leq 60 \text{ V DC}$
- 1.9 Current Rating: $\leq 1 \text{ A D}$

Mechanical Performance

- 2.0 Mating Cycles: ≥ 25 Times
- 2.1 Center Pin Retention Force: $\geq 10 \text{ N}$
- 2.2 Temperature Range: $-40^\circ\text{C} \sim +105^\circ\text{C}$

Material

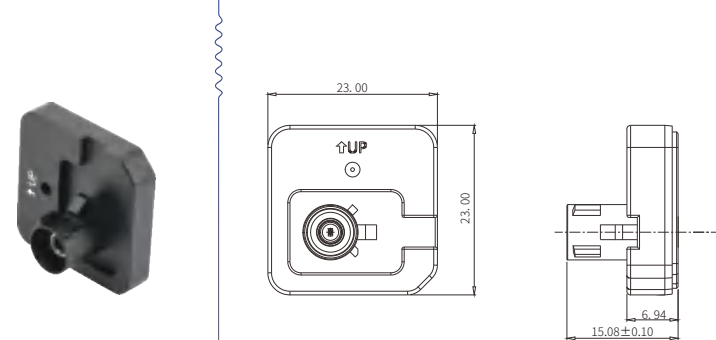
- 2.3 Insulator: LCP
- 2.4 Body: Aluminum Alloy
- 2.5 Center Pin: Copper Alloy
- 2.6 Outer Contact: Copper Alloy

HD Camera Connector, 23mm SQ. DC to 6 Ghz, Mating Height 16.28mm

D/N: 600-27412-01

● Outline Dimensions

● Technology Parameters



Electrical Performance

- 1.1 Impedance: 50Ω +/-5Ω
- 1.2 Frequency Range: DC to 6 GHz
- 1.3 Insertion Loss: $\geq 0.1 \sqrt{f(\text{GHz})}$ dB
- 1.4 Insulation Resistance: $\geq 100 \text{ m}\Omega$
- 1.5 Center Contact Resistance: $\leq 10 \text{ m}\Omega$
- 1.6 Outer Contact Resistance: $\leq 5 \text{ m}\Omega$
- 1.7 Test Voltage: 500 V rms
- 1.8 Voltage Rating: $\leq 60 \text{ V DC}$
- 1.9 Current Rating: $\leq 1 \text{ A D}$

Mechanical Performance

- 2.0 Mating Cycles: ≥ 25 Times
- 2.1 Center Pin Retention Force: $\geq 10 \text{ N}$
- 2.2 Temperature Range: $-40^\circ\text{C} \sim +105^\circ\text{C}$

Material

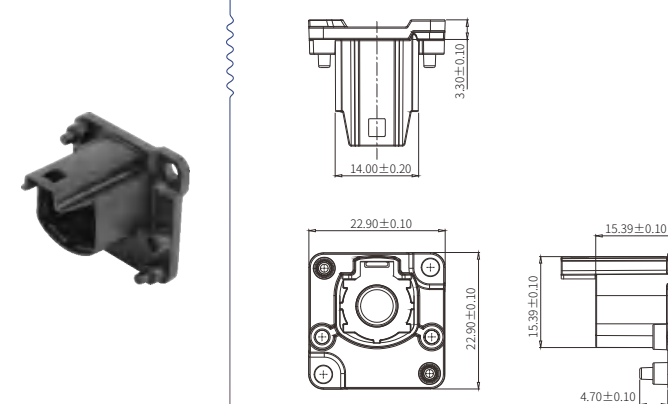
- 2.3 Insulator: LCP
- 2.4 Body: Aluminum Alloy
- 2.5 Center Pin: Copper Alloy
- 2.6 Outer Contact: Copper Alloy

Camera Cap 22.90mm*22.90mm

D/N: 600-28379-01

● Outline Dimensions

● Technology Parameters



Electrical Performance

- 1.1 Insulation Resistance: $\geq 1000 \text{ m}\Omega$
- 1.2 Center Contact Resistance: $\leq 10 \text{ m}\Omega$
- 1.3 Outer Contact Resistance: $\leq 7.5 \text{ m}\Omega$
- 1.4 Test Voltage: 500 V rms
- 1.5 Voltage Rating: $\leq 60 \text{ V DC}$
- 1.6 Current Rating: $\leq 1 \text{ A DC}$

Mechanical Performance

- 1.7 Mating Cycles: ≥ 25 Times
- 1.8 Center Pin Retention Force: $\geq 5 \text{ N}$
- 1.9 Temperature Range: $-40^\circ\text{C} \sim +105^\circ\text{C}$

Material

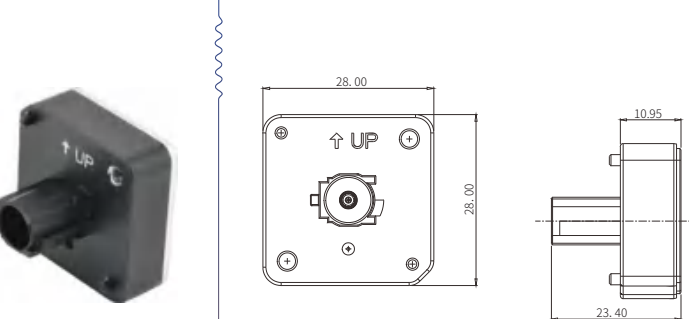
- 2.0 Body: Aluminum Alloy

HD Camera Connector, 28mm SQ. DC to 6 Ghz, Mating Height 20.8mm

D/N: 600-27413-01

● Outline Dimensions

● Technology Parameters



Electrical Performance

- 1.1 Impedance: 50Ω +/-5Ω
- 1.2 Frequency Range: DC to 6 GHz
- 1.3 Insertion Loss: $\geq 0.1 \sqrt{f(\text{GHz})}$ dB
- 1.4 Insulation Resistance: $\geq 100 \text{ m}\Omega$
- 1.5 Center Contact Resistance: $\leq 10 \text{ m}\Omega$
- 1.6 Outer Contact Resistance: $\leq 5 \text{ m}\Omega$
- 1.7 Test Voltage: 500 V rms
- 1.8 Voltage Rating: $\leq 60 \text{ V DC}$
- 1.9 Current Rating: $\leq 1 \text{ A D}$

Mechanical Performance

- 2.0 Mating Cycles: ≥ 25 Times
- 2.1 Center Pin Retention Force: $\geq 10 \text{ N}$
- 2.2 Temperature Range: $-40^\circ\text{C} \sim +105^\circ\text{C}$

Material

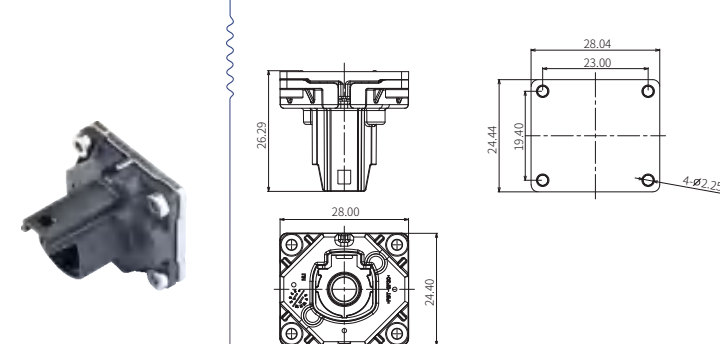
- 2.3 Insulator: LCP
- 2.4 Body: Aluminum Alloy
- 2.5 Center Pin: Copper Alloy
- 2.6 Outer Contact: Copper Alloy

Camera Rear Cover Assembly

D/N: 600-13818-01

● Outline Dimensions

● Technology Parameters



Electrical Performance

- 1.1 Insulation Resistance: $\geq 1000 \text{ M}\Omega$, DC 500V
- 1.2 Center Contact Resistance: $\leq 10 \text{ m}\Omega$
- 1.3 Test Voltage: AC 500V
- 1.4 Center Pin Force: $\geq 5 \text{ N}$
- 1.5 Insulator Force: $\geq 10 \text{ N}$
- 1.6 Retention Force Latch: $\geq 110 \text{ N}$
- 1.7 Temperature Range: $-40^\circ\text{C} \sim +105^\circ\text{C}$

Material

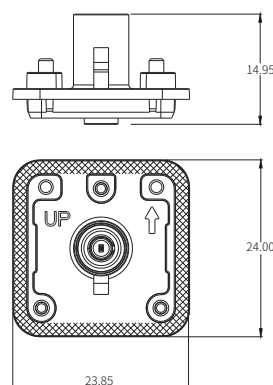
- 1.8 Plastic Housings: PBT
- 1.9 Outer Contact: Zinc Alloy
- 2.0 Insulator: LCP
- 2.1 Center Pin: Brass

24mm SQ. DC to 6Ghz Mating Height 16.28mm (PCB->Fakra Interface)

D/N: 600-32892-01

● Outline Dimensions

● Technology Parameters



Electrical Performance

- 1.1 Impedance: 50Ω +/-5Ω
- 1.2 Frequency Range: DC to 6 GHz
- 1.3 Insertion Loss: $\leq 0.1 \sqrt{f(\text{GHz})}$ dB
- 1.4 Insulation Resistance: $\geq 100 \text{ m}\Omega$
- 1.5 Center Contact Resistance: $\leq 10 \text{ m}\Omega$
- 1.6 Outer Contact Resistance: $\leq 5 \text{ m}\Omega$
- 1.7 Test Voltage: 500 V rms
- 1.8 Voltage Rating: $\leq 60 \text{ V DC}$
- 1.9 Current Rating: $\leq 1 \text{ A DC}$

Mechanical Performance

- 2.0 Mating Cycles: ≥ 25 Times
- 2.1 Center Pin Retention Force: $\geq 10 \text{ N}$
- 2.2 Temperature Range: -40 °C - +105 °C

Material

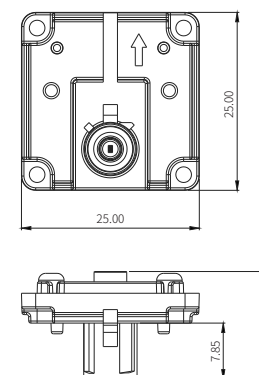
- 2.3 Insulator: LCP
- 2.4 Plastic Housings: PBT
- 2.5 Center Pin: Copper Alloy
- 2.6 Outer Contact: Copper Alloy

25mm SQ. DC to 6Ghz Mating Height 16.47mm (PCB->Fakra Interface)

D/N: 600-34652-01

● Outline Dimensions

● Technology Parameters



Electrical Performance

- 1.1 Impedance: 50Ω +/-5Ω
- 1.2 Frequency Range: DC to 6 GHz
- 1.3 Insertion Loss: $\leq 0.1 \sqrt{f(\text{GHz})}$ dB
- 1.4 Insulation Resistance: $\geq 100 \text{ m}\Omega$
- 1.5 Center Contact Resistance: $\leq 10 \text{ m}\Omega$
- 1.6 Outer Contact Resistance: $\leq 5 \text{ m}\Omega$
- 1.7 Test Voltage: 500 V rms
- 1.8 Voltage Rating: $\leq 60 \text{ V DC}$
- 1.9 Current Rating: $\leq 1 \text{ A DC}$

Mechanical Performance

- 2.0 Mating Cycles: ≥ 25 Times
- 2.1 Center Pin Retention Force: $\geq 10 \text{ N}$
- 2.2 Temperature Range: -40 °C - +105 °C

Material

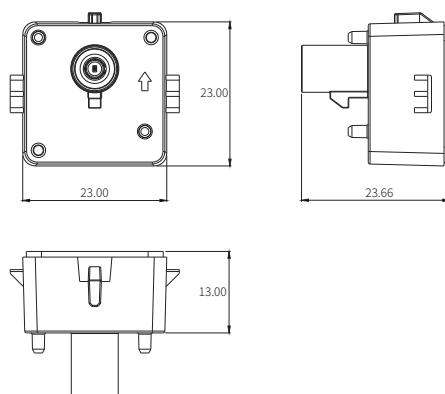
- 2.3 Insulator: LCP
- 2.4 Housings: PBT
- 2.5 Center Contact: Copper Alloy
- 2.6 Outer Contact: Copper Alloy

23mm SQ. DC to 6Ghz Mating Height 16.56mm (PCB->Fakra Interface)

D/N: 600-32893-01

● Outline Dimensions

● Technology Parameters



Electrical Performance

- 1.1 Impedance: 50Ω +/-5Ω
- 1.2 Frequency Range: DC to 6 GHz
- 1.3 Insertion Loss: $\leq 0.1 \sqrt{f(\text{GHz})}$ dB
- 1.4 Insulation Resistance: $\geq 100 \text{ m}\Omega$
- 1.5 Center Contact Resistance: $\leq 10 \text{ m}\Omega$
- 1.6 Outer Contact Resistance: $\leq 5 \text{ m}\Omega$
- 1.7 Test Voltage: 500 V rms
- 1.8 Voltage Rating: $\leq 60 \text{ V DC}$
- 1.9 Current Rating: $\leq 1 \text{ A DC}$

Mechanical Performance

- 2.0 Mating Cycles: ≥ 25 Times
- 2.1 Center Pin Retention Force: $\geq 10 \text{ N}$
- 2.2 Temperature Range: -40 °C - +105 °C

Material

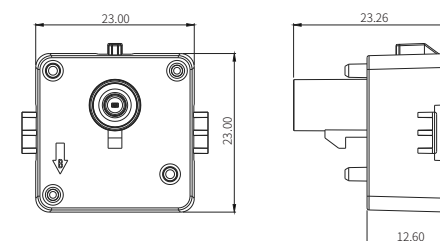
- 2.3 Insulator: LCP
- 2.4 Housings: PBT
- 2.5 Center Contact: Copper Alloy
- 2.6 Outer Contact: Copper Alloy

23mm SQ. DC to 6Ghz Mating Height 20.73mm (PCB->Fakra Interface)

D/N: 600-34780-01

● Outline Dimensions

● Technology Parameters



Electrical Performance

- 1.1 Impedance: 50Ω +/-5Ω
- 1.2 Frequency Range: DC to 6 GHz
- 1.3 Insertion Loss: $\leq 0.1 \sqrt{f(\text{GHz})}$ dB
- 1.4 Insulation Resistance: $\geq 100 \text{ m}\Omega$
- 1.5 Center Contact Resistance: $\leq 10 \text{ m}\Omega$
- 1.6 Outer Contact Resistance: $\leq 5 \text{ m}\Omega$
- 1.7 Test Voltage: 500 V rms
- 1.8 Voltage Rating: $\leq 60 \text{ V DC}$
- 1.9 Current Rating: $\leq 1 \text{ A DC}$

Mechanical Performance

- 2.0 Mating Cycles: ≥ 25 Times
- 2.1 Center Pin Retention Force: $\geq 10 \text{ N}$
- 2.2 Temperature Range: -40 °C - +105 °C

Material

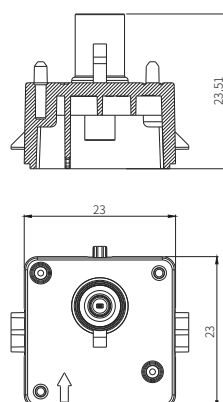
- 2.3 Insulator: LCP
- 2.4 Housings: PBT
- 2.5 Center Contact: Copper Alloy
- 2.6 Outer Contact: Copper Alloy

23mm SQ. DC to 6Ghz Mating Height 20.50mm (PCB->Fakra Interface)

D/N: 600-33201-01

● Outline Dimensions

● Technology Parameters



Electrical Performance

- 1.1 Impedance: 50Ω +/-5Ω
- 1.2 Frequency Range: DC to 6 GHz
- 1.3 Insertion Loss: $\leq 0.1 \sqrt{f(\text{GHz})}$ dB
- 1.4 Insulation Resistance: $\geq 100 \text{ m}\Omega$
- 1.5 Center Contact Resistance: $\leq 10 \text{ m}\Omega$
- 1.6 Outer Contact Resistance: $\leq 5 \text{ m}\Omega$
- 1.7 Test Voltage: 500 V rms
- 1.8 Voltage Rating: $\leq 60 \text{ V DC}$
- 1.9 Current Rating: $\leq 1 \text{ A DC}$

Mechanical Performance

- 2.0 Mating Cycles: ≥ 25 Times
- 2.1 Center Pin Retention Force: $\geq 10 \text{ N}$
- 2.2 Temperature Range: -40 °C - +105 °C

Material

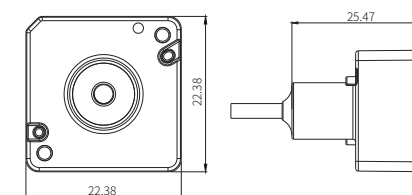
- 2.3 Insulator: LCP
- 2.4 Housings: PBT
- 2.5 Center Contact: Copper Alloy
- 2.6 Outer Contact: Copper Alloy

23mm SQ. DC to 6Ghz Mating Height 20.86mm (PCB->Fakra Interface)

D/N: 600-41753-01

● Outline Dimensions

● Technology Parameters



Electrical Performance

- 1.1 Impedance: 50Ω
- 1.2 Frequency Range: 1.5 Max.(0~3G)
1.6 Max.(3~6G)
- 1.3 Dielectric Withstanding Voltage: 500V AC
- 1.4 Insulation Resistance: 100 MΩ
- 1.5 Voltage Rating: 60V DC
- 1.6 Current Rating: 1 A DC Max.

Mechanical Performance

- 1.7 Durability: ≥ 25
- 1.8 Mating Force: 25N Max.
- 1.9 Unmating Force: 5 N~30 N
- 2.0 Cable Retention Force: 110 N Min.
- 2.1 Operation Temperature: -40 °C - +105 °C
- 2.2 Single Product Ingress Protection: IP69 PER ISO 20653: 2013

Material

- 2.3 Camera Back Cover: Aluminum Alloy
- 2.4 Center: Copper Alloy
- 2.5 Insulators: PTFE
- 2.6 Wire Clip: Copper Alloy
- 2.7 Body: Copper Alloy

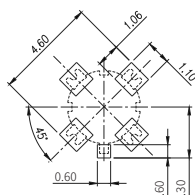
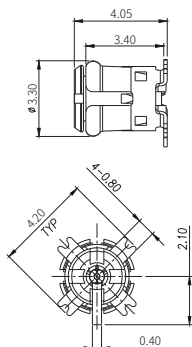
Camera PCB Connector SMB Male

D/N: 600-41773-01

● Outline Dimensions

● Printed board pad

● Technology Parameters



Electrical Performance

- 1.1 Impedance: 50Ω +/-5Ω
- 1.2 Frequency: DC to 6 GHz
- 1.3 Insertion Loss: $\leq 0.1 \sqrt{f(\text{GHz})}$ dB
- 1.4 Insulation Resistance: ≥ 100 mΩ
- 1.5 Center Contact Resistance: ≤ 5 mΩ
- 1.6 Outer Contact Resistance: ≤ 5 mΩ
- 1.7 Test Voltage: 500 V rms
- 1.8 Rated Voltage: ≤ 60 V DC
- 1.9 Rated Current: ≤ 1 A DC

Mechanical Performance

- 2.0 Mating Cycles: ≥ 25 Times
- 2.1 Center Pin Retention Force: ≥ 5 N
- 2.2 Mating Force: ≤ 30 N
- 2.3 Unmating Force: ≤ 75 N
- 2.4 Temperature Range: -40 °C - +105 °C

Material

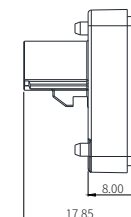
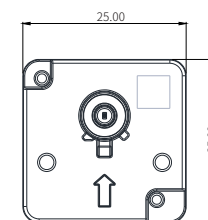
- 2.5 Insulator: LCP
- 2.6 Center Contact: Copper Alloy
- 2.7 Outer Contact: Copper Alloy

25mm SQ. DC to 6Ghz Mating Height 19.40mm (PCB->Fakra Interface)

D/N: 600-39085-01

● Outline Dimensions

● Technology Parameters



Electrical Performance

- 1.1 Impedance: 50Ω +/-5Ω
- 1.2 Frequency Range: DC to 6 GHz
- 1.3 Insertion Loss: $\leq 0.1 \sqrt{f(\text{GHz})}$ dB
- 1.4 Insulation Resistance: ≥ 100 mΩ
- 1.5 Center Contact Resistance: ≤ 10 mΩ
- 1.6 Outer Contact Resistance: ≤ 5 mΩ
- 1.7 Test Voltage: 500 V rms
- 1.8 Voltage Rating: ≤ 60 V DC
- 1.9 Current Rating: ≤ 1 A DC

Mechanical Performance

- 2.0 Mating Cycles: ≥ 25 Times
- 2.1 Center Pin Retention Force: ≥ 10 N
- 2.2 Temperature Range: -40 °C - +105 °C

Material

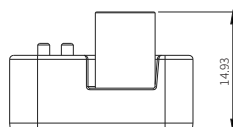
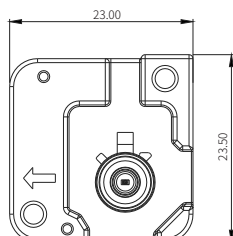
- 2.3 Insulator: LCP
- 2.4 Housing: PBT
- 2.5 Center Contact: Copper Alloy
- 2.6 Outer Contact: Copper Alloy

23mm SQ. DC to 6Ghz Mating Height 16.28mm (PCB->Fakra Interface)

D/N: 600-37809-01

● Outline Dimensions

● Technology Parameters



Electrical Performance

- 1.1 Impedance: 50Ω +/-5Ω
- 1.2 Frequency Range: DC to 6 GHz
- 1.3 Insertion Loss: $\leq 0.1 \sqrt{f(\text{GHz})}$ dB
- 1.4 Insulation Resistance: ≥ 100 mΩ
- 1.5 Center Contact Resistance: ≤ 10 mΩ
- 1.6 Outer Contact Resistance: ≤ 5 mΩ
- 1.7 Test Voltage: 500 V rms
- 1.8 Voltage Rating: ≤ 60 V DC
- 1.9 Current Rating: ≤ 1 A DC

Mechanical Performance

- 2.0 Mating Cycles: ≥ 25 Times
- 2.1 Center Pin Retention Force: ≥ 10 N
- 2.2 Temperature Range: -40 °C - +105 °C

Material

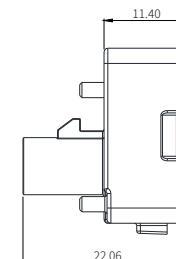
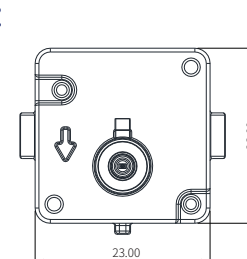
- 2.3 Insulator: LCP
- 2.4 Plastic Housings: PBT
- 2.5 Center Pin: Copper Alloy
- 2.6 Outer Contact: Copper Alloy

23mm SQ. DC to 6Ghz Mating Height 17.38mm (PCB->Fakra Interface)

D/N: 600-39918-01

● Outline Dimensions

● Technology Parameters



Electrical Performance

- 1.1 Impedance: 50Ω +/-5Ω
- 1.2 Frequency Range: DC to 6 GHz
- 1.3 Insertion Loss: $\leq 0.1 \sqrt{f(\text{GHz})}$ dB
- 1.4 Insulation Resistance: ≥ 100 mΩ
- 1.5 Center Contact Resistance: ≤ 10 mΩ
- 1.6 Outer Contact Resistance: ≤ 5 mΩ
- 1.7 Test Voltage: 500 V rms
- 1.8 Voltage Rating: ≤ 60 V DC
- 1.9 Current Rating: ≤ 1 A DC

Mechanical Performance

- 2.0 Mating Cycles: ≥ 25 Times
- 2.1 Center Pin Retention Force: ≥ 10 N
- 2.2 Temperature Range: -40 °C - +105 °C

Material

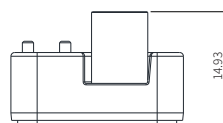
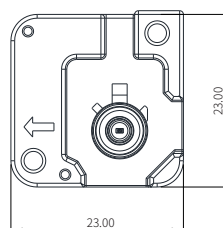
- 2.3 Insulator: LCP
- 2.4 Housing: PBT
- 2.5 Center Contact: Copper Alloy
- 2.6 Outer Contact: Copper Alloy

23mm SQ. DC to 6Ghz Mating Height 16.28mm (PCB->Fakra Interface)

D/N: 600-37810-01

● Outline Dimensions

● Technology Parameters



Electrical Performance

- 1.1 Impedance: 50Ω +/-5Ω
- 1.2 Frequency Range: DC to 6 GHz
- 1.3 Insertion Loss: $\leq 0.1 \sqrt{f(\text{GHz})}$ dB
- 1.4 Insulation Resistance: ≥ 100 mΩ
- 1.5 Center Contact Resistance: ≤ 10 mΩ
- 1.6 Outer Contact Resistance: ≤ 5 mΩ
- 1.7 Test Voltage: 500 V rms
- 1.8 Voltage Rating: ≤ 60 V DC
- 1.9 Current Rating: ≤ 1 A DC

Mechanical Performance

- 2.0 Mating Cycles: ≥ 25 Times
- 2.1 Center Pin Retention Force: ≥ 10 N
- 2.2 Temperature Range: -40 °C - +105 °C

Material

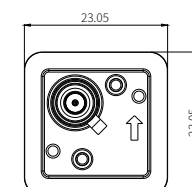
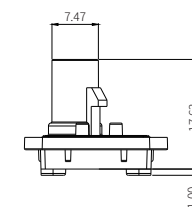
- 2.3 Insulator: LCP
- 2.4 Housing: PBT
- 2.5 Center Contact: Copper Alloy
- 2.6 Outer Contact: Copper Alloy

23mm SQ. DC to 6Ghz Mating Height 20.50mm (PCB->Fakra Interface)

D/N: 600-14710-01

● Outline Dimensions

● Technology Parameters



Electrical Performance

- 1.1 Impedance: 50Ω +/-5Ω
- 1.2 Frequency Range: DC to 6 GHz
- 1.3 Insertion Loss: $\leq 0.1 \sqrt{f(\text{GHz})}$ dB
- 1.4 Insulation Resistance: ≥ 100 mΩ
- 1.5 Center Contact Resistance: ≤ 10 mΩ
- 1.6 Outer Contact Resistance: ≤ 5 mΩ
- 1.7 Test Voltage: 500 V rms
- 1.8 Voltage Rating: ≤ 60 V DC
- 1.9 Current Rating: ≤ 1 A DC

Mechanical Performance

- 2.0 Mating Cycles: ≥ 25 Times
- 2.1 Center Pin Retention Force: ≥ 10 N
- 2.2 Temperature Range: -40 °C - +105 °C

Material

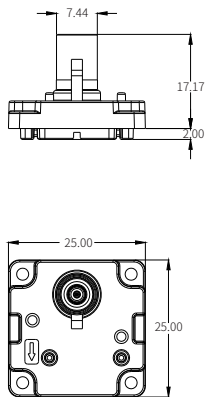
- 2.3 Insulator: LCP
- 2.4 Housing: PBT
- 2.5 Center Contact: Copper Alloy
- 2.6 Outer Contact: Copper Alloy

23mm SQ. DC to 6Ghz Mating Height 20.50mm (PCB->Fakra Interface)

D/N: 600-23435-01

● Outline Dimensions

● Technology Parameters



Electrical Performance
1.1 Impedance: 50Ω +/-5Ω
1.2 Frequency Range: DC to 6 GHz
1.3 Insertion Loss: $\leq 0.1 \sqrt{f(\text{GHz})}$ dB
1.4 Insulation Resistance: $\geq 100 \text{ m}\Omega$
1.5 Center Contact Resistance: $\leq 10 \text{ m}\Omega$
1.6 Outer Contact Resistance: $\leq 5 \text{ m}\Omega$
1.7 Test Voltage: 500 V rms
1.8 Voltage Rating: $\leq 60 \text{ V DC}$
1.9 Current Rating: $\leq 1 \text{ A DC}$

Mechanical Performance
2.0 Mating Cycles: ≥ 25 Times
2.1 Center Pin Retention Force: $\geq 10 \text{ N}$
2.2 Temperature Range: -40 °C - +105 °C

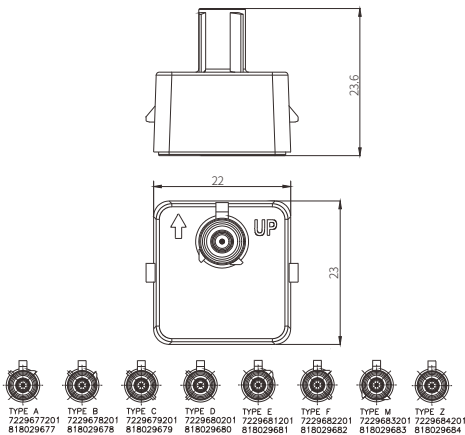
Material
2.3 Insulator: LCP
2.4 Plastic Housings: PBT
2.5 Center Pin: Copper Alloy
2.6 Outer Contact: Copper Alloy

23mm SQ. DC to 6Ghz Mating Height 21.00mm (PCB->Fakra Interface)

D/N: 600-29684-01

● Outline Dimensions

● Technology Parameters



Electrical Performance
1.1 Impedance: 50Ω +/-5Ω
1.2 Frequency Range: DC to 6 GHz
1.3 Insertion Loss: $\leq 0.1 \sqrt{f(\text{GHz})}$ dB
1.4 Insulation Resistance: $\geq 100 \text{ m}\Omega$
1.5 Center Contact Resistance: $\leq 10 \text{ m}\Omega$
1.6 Outer Contact Resistance: $\leq 5 \text{ m}\Omega$
1.7 Test Voltage: 500 V rms
1.8 Voltage Rating: $\leq 60 \text{ V DC}$
1.9 Current Rating: $\leq 1 \text{ A DC}$

Mechanical Performance
2.0 Mating Cycles: ≥ 25 Times
2.1 Center Pin Retention Force: $\geq 10 \text{ N}$
2.2 Temperature Range: -40 °C - +105 °C

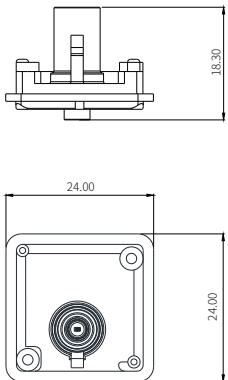
Material
2.3 Insulator: LCP
2.4 Hosing: PBT
2.5 Center Contact: Copper Alloy
2.6 Outer Contact: Copper Alloy

24mm SQ. DC to 6Ghz Mating Height 19.40mm (PCB->Fakra Interface)

D/N: 600-32844-01

● Outline Dimensions

● Technology Parameters



Electrical Performance
1.1 Impedance: 50Ω +/-5Ω
1.2 Frequency Range: DC to 6 GHz
1.3 Insertion Loss: $\leq 0.1 \sqrt{f(\text{GHz})}$ dB
1.4 Insulation Resistance: $\geq 100 \text{ m}\Omega$
1.5 Center Contact Resistance: $\leq 10 \text{ m}\Omega$
1.6 Outer Contact Resistance: $\leq 5 \text{ m}\Omega$
1.7 Test Voltage: 500 V rms
1.8 Voltage Rating: $\leq 60 \text{ V DC}$
1.9 Current Rating: $\leq 1 \text{ A DC}$

Mechanical Performance
2.0 Mating Cycles: ≥ 25 Times
2.1 Center Pin Retention Force: $\geq 10 \text{ N}$
2.2 Temperature Range: -40 °C - +105 °C

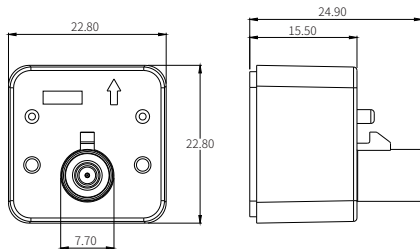
Material
2.3 Insulator: LCP
2.4 Hosing: PBT
2.5 Center Contact: Copper Alloy
2.6 Outer Contact: Copper Alloy

23mm SQ. DC to 6Ghz Mating Height 17.40mm (PCB->Fakra Interface)

D/N: 600-35479-01

● Outline Dimensions

● Technology Parameters



Electrical Performance
1.1 Impedance: 50Ω +/-5Ω
1.2 Frequency Range: DC to 6 GHz
1.3 Insertion Loss: $\leq 0.1 \sqrt{f(\text{GHz})}$ dB
1.4 Insulation Resistance: $\geq 100 \text{ m}\Omega$
1.5 Center Contact Resistance: $\leq 10 \text{ m}\Omega$
1.6 Outer Contact Resistance: $\leq 5 \text{ m}\Omega$
1.7 Test Voltage: 500 V rms
1.8 Voltage Rating: $\leq 60 \text{ V DC}$
1.9 Current Rating: $\leq 1 \text{ A DC}$

Mechanical Performance
2.0 Mating Cycles: ≥ 25 Times
2.1 Center Pin Retention Force: $\geq 10 \text{ N}$
2.2 Temperature Range: -40 °C - +105 °C

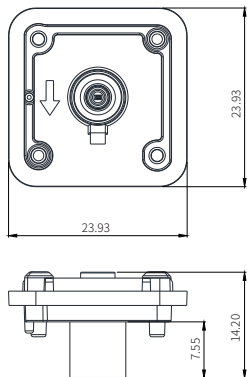
Material
2.3 Insulator: LCP
2.4 Hosing: PBT
2.5 Center Contact: Copper Alloy
2.6 Outer Contact: Copper Alloy

24mm SQ. DC to 6Ghz Mating Height 15.40mm (PCB->Fakra Interface)

D/N: 600-36996-01

● Outline Dimensions

● Technology Parameters



Electrical Performance
1.1 Impedance: 50Ω +/-5Ω
1.2 Frequency Range: DC to 6 GHz
1.3 Insertion Loss: $\leq 0.1 \sqrt{f(\text{GHz})}$ dB
1.4 Insulation Resistance: $\geq 100 \text{ m}\Omega$
1.5 Center Contact Resistance: $\leq 10 \text{ m}\Omega$
1.6 Outer Contact Resistance: $\leq 5 \text{ m}\Omega$
1.7 Test Voltage: 500 V rms
1.8 Voltage Rating: $\leq 60 \text{ V DC}$
1.9 Current Rating: $\leq 1 \text{ A DC}$

Mechanical Performance
2.0 Mating Cycles: ≥ 25 Times
2.1 Center Pin Retention Force: $\geq 10 \text{ N}$
2.2 Temperature Range: -40 °C - +105 °C

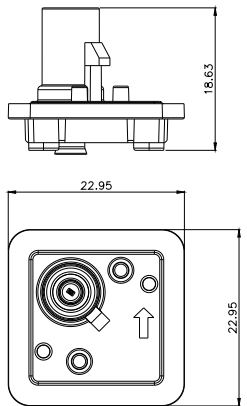
Material
2.3 Insulator: LCP
2.4 Hosing: PBT
2.5 Center Contact: Copper Alloy
2.6 Outer Contact: Copper Alloy

23mm SQ. DC to 6Ghz Mating Height 20.50mm (PCB->Fakra Interface)

D/N: 600-27417-01

● Outline Dimensions

● Technology Parameters



Electrical Performance
1.1 Impedance: 50Ω +/-5Ω
1.2 Frequency Range: DC to 6 GHz
1.3 Insertion Loss: $\leq 0.1 \sqrt{f(\text{GHz})}$ dB
1.4 Insulation Resistance: $\geq 100 \text{ m}\Omega$
1.5 Center Contact Resistance: $\leq 10 \text{ m}\Omega$
1.6 Outer Contact Resistance: $\leq 5 \text{ m}\Omega$
1.7 Test Voltage: 500 V rms
1.8 Voltage Rating: $\leq 60 \text{ V DC}$
1.9 Current Rating: $\leq 1 \text{ A DC}$

Mechanical Performance
2.0 Mating Cycles: ≥ 25 Times
2.1 Center Pin Retention Force: $\geq 10 \text{ N}$
2.2 Temperature Range: -40 °C - +105 °C

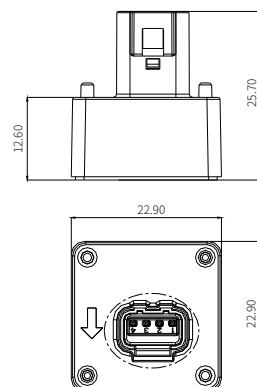
Material
2.3 Insulator: LCP
2.4 Plastic Housings: PBT
2.5 Center Pin: Copper Alloy
2.6 Outer Contact: Copper Alloy

23mm SQ. DC to 6Ghz

D/N: 600-32707-01

● Outline Dimensions

● Technology Parameters



Electrical Performance

- 1.1 Impedance: 50Ω +/-50
- 1.2 Frequency Range: DC to 6 GHz
- 1.3 Insertion Loss: $\leq 0.1 \sqrt{f(\text{GHz})}$ dB
- 1.4 Insulation Resistance: $\geq 100 \text{ m}\Omega$
- 1.5 Center Contact Resistance: $\leq 10 \text{ m}\Omega$
- 1.6 Outer Contact Resistance: $\leq 5 \text{ m}\Omega$
- 1.7 Test Voltage: 500 V rms
- 1.8 Voltage Rating: $\leq 60 \text{ V DC}$
- 1.9 Current Rating: $\leq 1 \text{ A DC}$

Mechanical Performance

- 2.0 Mating Cycles: ≥ 25 Times
- 2.1 Center Pin Retention Force: $\geq 10 \text{ N}$
- 2.2 Temperature Range: $-40^\circ\text{C} \sim +105^\circ\text{C}$

Material

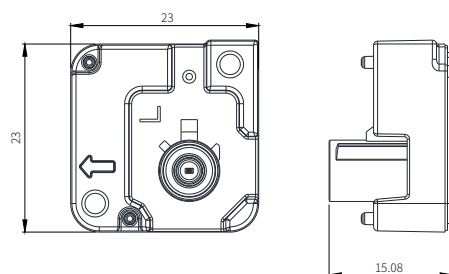
- 2.3 Shielding cover: Stainless Steel
- 2.4 Housing: PBT
- 2.5 Center Contact: Copper Alloy
- 2.6 Gasket: Silica gel

23mm SQ. DC to 6Ghz Mating Height 16.55mm (PCB->Fakra Interface)

D/N: 600-42494-01

● Outline Dimensions

● Technology Parameters



Electrical Performance

- 1.1 Impedance: 50Ω +/-50
- 1.2 Frequency Range: DC to 6 GHz
- 1.3 Insertion Loss: $\leq 0.1 \sqrt{f(\text{GHz})}$ dB
- 1.4 Insulation Resistance: $\geq 100 \text{ m}\Omega$
- 1.5 Center Contact Resistance: $\leq 10 \text{ m}\Omega$
- 1.6 Outer Contact Resistance: $\leq 5 \text{ m}\Omega$
- 1.7 Test Voltage: 500 V rms
- 1.8 Voltage Rating: $\leq 60 \text{ V DC}$
- 1.9 Current Rating: $\leq 1 \text{ A DC}$

Mechanical Performance

- 2.0 Mating Cycles: ≥ 25 Times
- 2.1 Center Pin Retention Force: $\geq 10 \text{ N}$
- 2.2 Temperature Range: $-40^\circ\text{C} \sim +105^\circ\text{C}$

Material

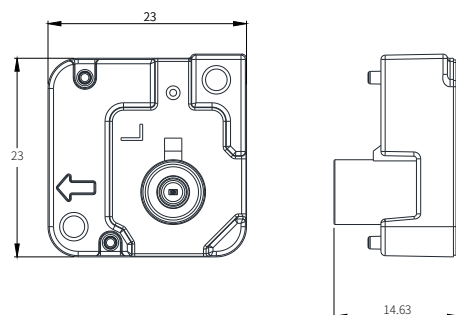
- 2.3 Insulator: LCP
- 2.4 Metal case: Aluminum Alloy
- 2.5 Center Contact: Copper Alloy
- 2.6 Outer Contact: Copper Alloy

23mm SQ. DC to 6Ghz Mating Height 16.55mm (PCB->Fakra Interface)

D/N: 600-42495-01

● Outline Dimensions

● Technology Parameters



Electrical Performance

- 1.1 Impedance: 50Ω +/-50
- 1.2 Frequency Range: DC to 6 GHz
- 1.3 Insertion Loss: $\leq 0.1 \sqrt{f(\text{GHz})}$ dB
- 1.4 Insulation Resistance: $\geq 100 \text{ m}\Omega$
- 1.5 Center Contact Resistance: $\leq 10 \text{ m}\Omega$
- 1.6 Outer Contact Resistance: $\leq 5 \text{ m}\Omega$
- 1.7 Test Voltage: 500 V rms
- 1.8 Voltage Rating: $\leq 60 \text{ V DC}$
- 1.9 Current Rating: $\leq 1 \text{ A DC}$

Mechanical Performance

- 2.0 Mating Cycles: ≥ 25 Times
- 2.1 Center Pin Retention Force: $\geq 10 \text{ N}$
- 2.2 Temperature Range: $-40^\circ\text{C} \sim +105^\circ\text{C}$

Material

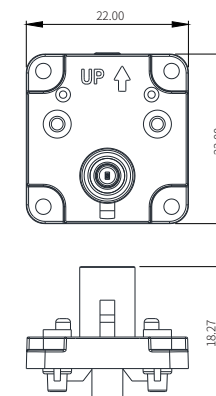
- 2.3 Insulator: LCP
- 2.4 Metal case: Aluminum Alloy
- 2.5 Center Contact: Copper Alloy
- 2.6 Outer Contact: Copper Alloy

23mm SQ. DC to 6Ghz Mating Height 19.50mm (PCB->Fakra Interface)

D/N: 600-42460-01

● Outline Dimensions

● Technology Parameters



Electrical Performance

- 1.1 Impedance: 50Ω +/-50
- 1.2 Frequency Range: DC to 6 GHz
- 1.3 Insertion Loss: $\leq 0.1 \sqrt{f(\text{GHz})}$ dB
- 1.4 Insulation Resistance: $\geq 100 \text{ m}\Omega$
- 1.5 Center Contact Resistance: $\leq 10 \text{ m}\Omega$
- 1.6 Outer Contact Resistance: $\leq 5 \text{ m}\Omega$
- 1.7 Test Voltage: 500 V rms
- 1.8 Voltage Rating: $\leq 60 \text{ V DC}$
- 1.9 Current Rating: $\leq 1 \text{ A DC}$

Mechanical Performance

- 2.0 Mating Cycles: ≥ 25 Times
- 2.1 Center Pin Retention Force: $\geq 10 \text{ N}$
- 2.2 Temperature Range: $-40^\circ\text{C} \sim +105^\circ\text{C}$

Material

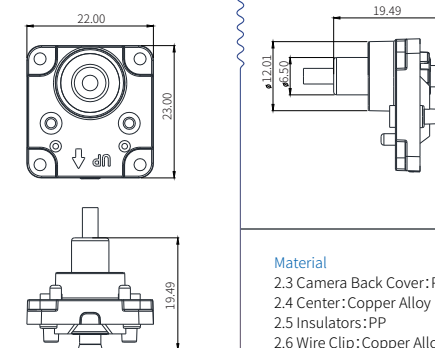
- 2.3 Insulator: LCP
- 2.4 Housing: PBT
- 2.5 Center Contact: Copper Alloy
- 2.6 Outer Contact: Copper Alloy

23mm SQ. DC to 6Ghz Mating Height 20.51mm (PCB->Fakra Interface)

D/N: 600-42461-01

● Outline Dimensions

● Technology Parameters



Electrical Performance

- 1.1 Impedance: 50Ω
- 1.2 Frequency Range: 1.5 Max.(0~3G)
1.6 Max.(3~6G)
- 1.3 Dielectric Withstanding Voltage: 500V AC
- 1.4 Insulation Resistance: 100 MΩ
- 1.5 Voltage Rating: 60V DC
- 1.6 Current Rating: 1 A DC Max.

Mechanical Performance

- 1.7 Durability: ≥ 25
- 1.8 Mating Force: 25N Max.
- 1.9 Unmating Force: 5 N~30 N
- 2.0 Cable Retention Force: 110 N Min.
- 2.1 Operation Temperature: $-40^\circ\text{C} \sim +105^\circ\text{C}$
- 2.2 Single Product Ingress Protection: IP69 PER ISO 20653: 2013

Material

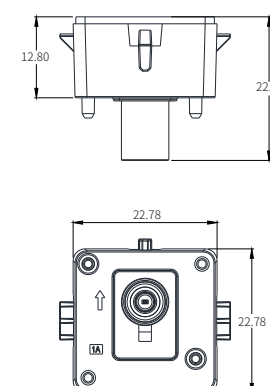
- 2.3 Camera Back Cover: PBT
- 2.4 Center: Copper Alloy
- 2.5 Insulators: PP
- 2.6 Wire Clip: Copper Alloy
- 2.7 Body: Copper Alloy
- 2.8 Molding: PBT

23mm SQ. DC to 6Ghz Mating Height 20.47mm (PCB->Fakra Interface)

D/N: 600-44989-01

● Outline Dimensions

● Technology Parameters



Electrical Performance

- 1.1 Impedance: 50Ω +/-50
- 1.2 Frequency Range: DC to 6 GHz
- 1.3 Insertion Loss: $\leq 0.1 \sqrt{f(\text{GHz})}$ dB
- 1.4 Insulation Resistance: $\geq 100 \text{ m}\Omega$
- 1.5 Center Contact Resistance: $\leq 10 \text{ m}\Omega$
- 1.6 Outer Contact Resistance: $\leq 5 \text{ m}\Omega$
- 1.7 Test Voltage: 500 V rms
- 1.8 Voltage Rating: $\leq 60 \text{ V DC}$
- 1.9 Current Rating: $\leq 1 \text{ A DC}$

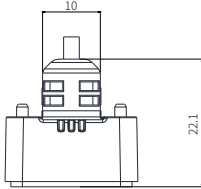
Mechanical Performance

- 2.0 Mating Cycles: ≥ 25 Times
- 2.1 Center Pin Retention Force: $\geq 10 \text{ N}$
- 2.2 Temperature Range: $-40^\circ\text{C} \sim +105^\circ\text{C}$

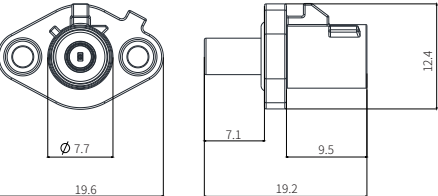
Material

- 2.3 Insulator: LCP
- 2.4 Plastic Housings: PBT
- 2.5 Center Pin: Copper Alloy
- 2.6 Outer Contact: Copper Alloy

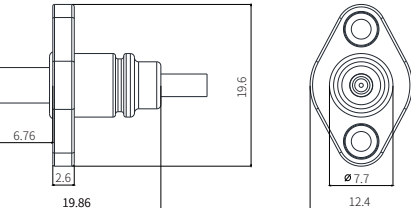
23mm SQ. DC to 6Ghz Mating Height 18.20mm (PCB->Fakra Interface)

D/N: 600-42225-01	Outline Dimensions	Technology Parameters
		Electrical Performance 1.1 Impedance: 50Ω 1.2 Frequency Range: 1.5 Max.(0~3G) 1.6 Max.(3~6G) 1.3 Dielectric Withstanding Voltage: 500V AC 1.4 Insulation Resistance:100 MΩ 1.5 Voltage Rating:60V DC 1.6 Current Rating:1 A DC Max. Mechanical Performance 1.7 Durability: ≥25 1.8 Mating Force:25N Max. 1.9 Unmating Force:5 N~30 N 2.0 Cable Retention Force:110 N Min. 2.1 Operation Temperature: -40 °C - +105 °C 2.2 Single Product Ingress Protection: IP69 PER ISO 20653: 2013 Material 2.3 Camera Back Cover: PBT 2.4 Center: Copper Alloy 2.5 Insulators: PP 2.6 Wire Clip: Copper Alloy 2.7 Body: Copper Alloy 2.8 Molding: PBT

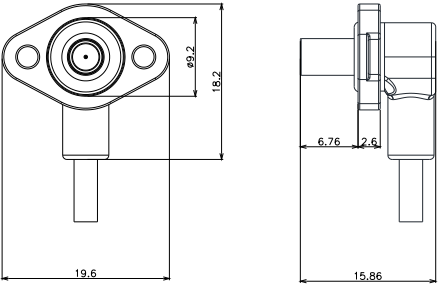
Fakra to SMB Jack,L=7.1mm

D/N: 600-33505-01	Outline Dimensions	Technology Parameters
		Electrical Performance 1.1 Impedance:50Ω 1.2 Frequency Range:0-6 GHz 1.3 VSWR:1.6 Max. 1.4 Insertion Loss:0.3dB Max. 1.5 Center Contact Resistance:5 mΩ 1.6 Outer Contact Resistance:5 mΩ 1.7 Dielectric Withstanding Voltage: 500V AC 1.8 Voltage Rating:60V DC 1.9 Current Rating:1 A DC Max Mechanical Performance 2.0 Durability: ≥25 2.1 Mating Force: ≤ 25N Max. 2.2 Unmating Force: ≤ 25N Max. 2.3 Locking Strength:80N Min 2.4 Single Product Ingress Protection: IP67 2.5 Operation Temperature: -40 °C - +105 °C 2.6 Environmental Requirements:RoHS

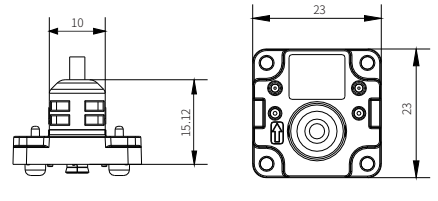
SMB for Cable Connector L=6.76mm

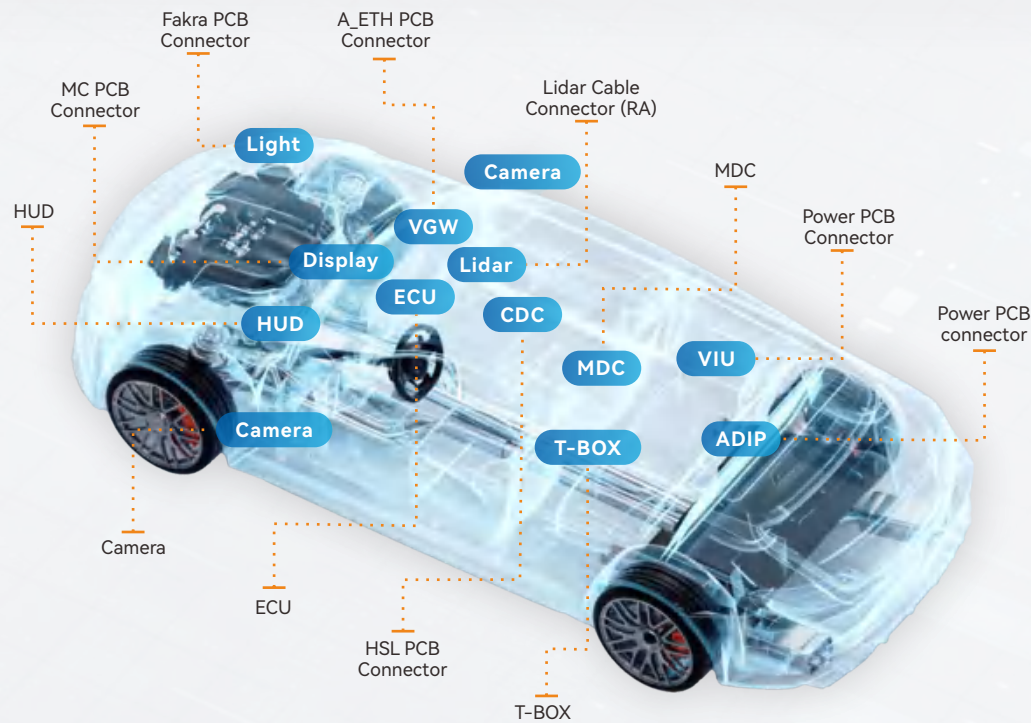
D/N: 600-33506-01	Outline Dimensions	Technology Parameters
		1.1 Impedance: 50 Ω 1.2 Frequency Range:DC to 3 GHz 1.3 VSWR: ≥ 1.5 Max (DC-3GHz) ≥ 1.6 Max (3-6GHz) 1.4 Insertion Loss: ≤ 0.1 x √f(GHz) dB 1.5 Voltage Rating: 60V Max 1.6 Dielectric Withstanding Voltage: 500VRMS 1.7 Insulation Resistance:1000MΩ Min 1.8 Center Contact Retention Force:10N Min 1.9 Mating Cycles: ≥ 25 Times 2.0 Operating Temperature: -40°C ~ +105°C 2.1 Environmental Requirements: Meet RoHS 2.2 Ingress Protection: IP68&IP69K

SMB for Cable Connector L=6.76

D/N: 600-33507-01	Outline Dimensions	Technology Parameters
		1.1 Impedance:50 Ω 1.2 Frequency Range:DC to 6 GHz 1.3 VSWR: ≥ 1.5 Max (DC-3GHz) ≥ 1.6 Max (3-6GHz) 1.4 Insertion Loss: ≤ 0.1 x √f(GHz) dB 1.5 Voltage Rating:60V Max 1.6 Dielectric Withstanding Voltage: 500VRMS 1.7 Insulation Resistance:1000MΩ Min 1.8 Center Contact Retention Force: 10N Min 1.9 Mating Cycles: ≥ 25 Times 2.0 Operating Temperature: -40°C ~ +105°C 2.1 Environmental Requirements: Meet RoHS 2.2 Ingress Protection: IP68&IP69K

23mm SQ. DC to 6Ghz Mating Height 18.20mm (PCB->Fakra Interface)

D/N: 600-45138-01	Outline Dimensions	Technology Parameters
		Electrical Performance 1.1 Impedance:50Ω 1.2 Frequency Range: 1.5 Max.(0~3G) 1.6 Max.(3~6G) 1.3 Dielectric Withstanding Voltage: 500V AC 1.4 Insulation Resistance:100 MΩ 1.5 Voltage Rating:60V DC 1.6 Current Rating:1 A DC Max. Mechanical Performance 1.7 Durability: ≥25 1.8 Mating Force:25N Max. 1.9 Unmating Force:5 N~30 N 2.0 Cable Retention Force:110 N Min. 2.1 Operation Temperature: -40 °C - +105 °C 2.2 Single Product Ingress Protection: IP69 PER ISO 20653: 2013 Material 2.3 Camera Back Cover: PBT 2.4 Center: Copper Alloy 2.5 Insulators: PP 2.6 Copper tube: Copper Alloy 2.7 Body: Copper Alloy 2.8 Molding: PBT

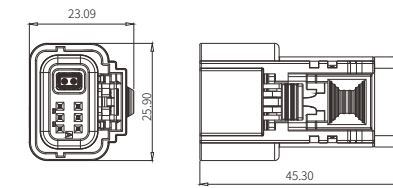


Lidar Cable Connector Jack (2 Signal+6 Power) Sealed

D/N: 600-18317-01

● Outline Dimensions

● Technology Parameters



Material

2.4 Housing: PPO
2.5 Insulator: LCP
2.6 CPA: PPO
2.7 TPA: PPO

2.8 Rear cover: PPO
2.9 Plug: PPO
3.0 O-Ring: Rubber Silicone
3.1 Center Pin: Copper Alloy

Electrical Performance

- 1.1 Impedance: 100Ω
- 1.2 Frequency Range: DC to 1.5 GHz
- 1.3 Return Loss:
 - ≥ 30 dB, DC to 1 GHz
 - ≥ 15 dB, 1 to 1.5 GHz
- 1.4 Insertion Loss:
 - ≤ 0.3 dB, DC to 1 GHz
 - ≤ 0.8 dB, 1 to 1.5 GHz
- 1.5 Center Contact Resistance: ≤ 25 mΩ
- 1.6 Insulation Resistance: ≥ 100 MΩ
- 1.7 Voltage Rating: 25 V DC
- 1.8 Current Rating: ≤ 3 A DC

Mechanical Performance

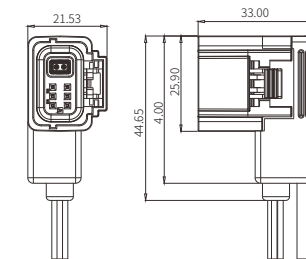
- 1.9 Mating Cycles: ≥ 50
- 2.0 Mating Force: ≤ 75 N
- 2.1 Unmating Force: ≤ 75 N
- 2.2 Retention Force Latch: ≥ 110 N
- 2.3 Temperature Range: -40 °C ~ +105 °C

Lidar Bend Cable Connector Jack (2 Signal+6 Power) Sealed

D/N: 600-29793-01

● Outline Dimensions

● Technology Parameters



Material

2.4 Housing: PP0
2.5 Insulator: LCP
2.6 CPA: PPO

2.7 Molding: PBT
2.8 O-Ring: Rubber Silicone
2.9 Center Pin: Copper Alloy

Electrical Performance

- 1.1 Impedance: 100Ω
- 1.2 Frequency Range: DC to 1.5 GHz
- 1.3 Return Loss:
 - ≥ 30 dB, DC to 1 GHz
 - ≥ 15 dB, 1 to 1.5 GHz
- 1.4 Insertion Loss:
 - ≤ 0.3 dB, DC to 1 GHz
 - ≤ 0.8 dB, 1 to 1.5 GHz
- 1.5 Center Contact Resistance: ≤ 25 mΩ
- 1.6 Insulation Resistance: ≥ 100 MΩ
- 1.7 Voltage Rating: 25 V DC
- 1.8 Current Rating: ≤ 3 A DC

Mechanical Performance

- 1.9 Mating Cycles: ≥ 50
- 2.0 Mating Force: ≤ 75 N
- 2.1 Unmating Force: ≤ 75 N
- 2.2 Retention Force Latch: ≥ 110 N
- 2.3 Temperature Range: -40 °C ~ +105 °C

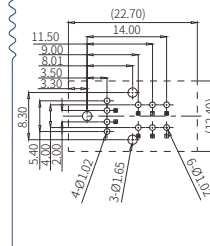
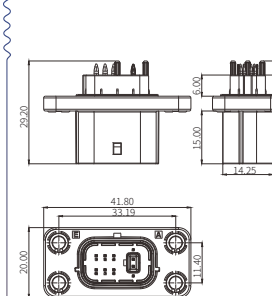
Lidar Power Male Terminal, L=21.4mm, W1.8mm, H0.97mm

D/N: 600-18316-01

● Outline Dimensions

● PCB Layout

● Technology Parameters



Material

2.6 Housing: PA46
2.7 Outer Contact: Copper Alloy
2.8 Center Pin: Copper Alloy
2.9 Insulator: LCP

Electrical Performance

- 1.1 Impedance: 100Ω
- 1.2 Frequency Range: DC to 1.5 GHz
- 1.3 Return Loss:
 - ≤ 30 dB, DC to 1 GHz
 - ≤ 15 dB, 1 GHz to 1.5 GHz
- 1.4 Insertion Loss:
 - ≤ 0.3 dB, DC to 1 GHz
 - ≥ 0.8 dB, 1 GHz to 1.5 GHz
- 1.5 Insulation Resistance: ≥ 100 MΩ
- 1.6 Center Contact Resistance: 25 mΩ Max
- 1.7 Withstand Voltage: 500V DC
- 1.8 Voltage Rating: 24V DC
- 1.9 Current Rating: 3A
- 2.0 Transmission Rate: 1Gbps

Mechanical Performance

- 2.1 Durability Times Cycles: ≥ 50
- 2.2 Mating and Unmating force: ≤ 75 N
- 2.3 Compliant Pin Retention Force: ≥ 20N
- 2.4 Compliant Pin Insertion Force: ≤ 150N
- 2.5 Temperature Range: -40 °C ~ +125 °C

A-ETH 1 Port PCB Connector, Type A~ Type Z

D/N: 600-18539-01

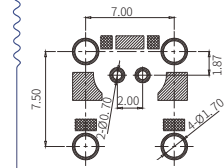
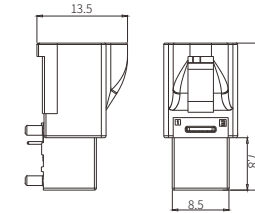
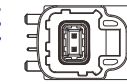
● Outline Dimensions

● PCB Layout

● Technology Parameters



A	Deep Black	818018534
B	Cream White	818018535
C	Signal Blue	818018536
D	Claret Violet	818018537
E	Leaf Green	818018538
F	Nut Brown	818018539
G	Blue Gray	818018544
H	Heather Violet	818018545
J	Beige	818018546
K	Curry	818018547
L	Carmine Red	818018548
M	Pastel Orange	818018549
N	Pastel Green	818018550
Z	Water Blue	818018551
Keying Code	Color	Part No.



Material

- Plastic Housing: PPA
- Insulator: LCP
- Center Pin: Brass
- Housing: Zinc Alloy
- Gear Piece: Stainless Steel
- Locking Plate: Stainless Steel

Electrical Performance

- Impedance: 100Ω (500 ps @ 10%-90%)
- Frequency Range: DC to 600MHz
- Return Loss:
 - ≤ -30 dB @ 0 ~ 190 MHz
 - ≤ -20 + 20*log10 (freq in MHz/600) dB @ 190 MHz ~ 600MHz
- Insertion Loss:
 - ≥ -0.01*sqrt (freq in MHz) dB @ 0~ 600 MHz
- Center Contact Resistance: ≤25 mΩ
- Test Voltage: 500V rms Max
- Working Voltage: 60 V DC
- Current Rating: 1 A

Mechanical Performance

- Mating Cycles: ≥25Times
- Mating Force: ≤ 75N
- Unmating Force: 2N ≤ F ≤ 75 N
- Retention Force Housing: ≥ 110 N
- Temperature Range: -40 °C ~ +105 °C

A-ETH 1 Port PCB Connector, Type A~ Type Z

D/N: 600-32623-01

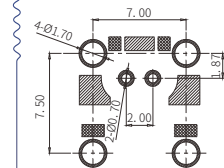
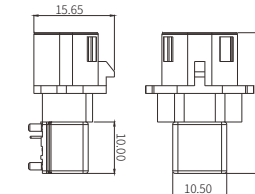
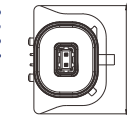
● Outline Dimensions

● PCB Layout

● Technology Parameters



A	Deep Black	818032610
B	Cream White	818032611
C	Signal Blue	818032612
D	Claret Violet	818032613
E	Leaf Green	818032614
F	Nut Brown	818032615
Z	Water Blue	818032616
G	Blue Gray	818032617
H	Heather Violet	818032618
J	Beige	818032619
K	Curry	818032620
L	Carmine Red	818032621
M	Pastel Orange	818032622
O	浅绿色6027	818032623
Keying Code	Color	Part No.



Material

- Plastic Housing: PPA
- Insulator: LCP
- Center Pin: Brass
- Housing: Zinc Alloy
- Gear Piece: Stainless Steel
- Locking Plate: Stainless Steel

Electrical Performance

- Impedance: 100 (500 ps @ 10%-90%)
- Frequency Range: DC to 600MHz
- Return Loss:
 - ≤ -30 dB @ 0 ~ 190 MHz
 - ≤ -20 + 20*log10 (freq in MHz/600) dB @ 190 MHz ~ 600MHz
- Insertion Loss:
 - ≥ -0.01*sqrt (freq in MHz) dB @ 0~ 600 MHz
- Center Contact Resistance: ≤10 mΩ
- Test Voltage: 500V rms Max
- Working Voltage: 100V rms
- Current Rating: ≤1.5 A DC
- Insulation Resistance: ≥1000mΩ

Mechanical Performance

- Mating Cycles: ≥25Times
- Mating Force: ≤ 75N
- Unmating Force: F ≥ 2 N
- Retention Force Housing: ≥ 110 N

T-ETH 1 Port PCB Connector, Type A~ Type Z

D/N: 600-24958-01

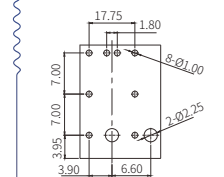
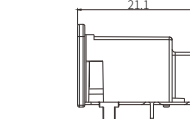
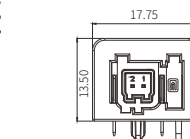
● Outline Dimensions

● PCB Layout

● Technology Parameters



A	Deep Black	818024958
B	Cream White	818024959
C	Signal Blue	818024960
D	Claret Violet	-
E	Leaf Green	-
F	Nut Brown	-
G	Blue Gray	-
H	Heather Violet	-
J	Beige	-
K	Curry	-
L	Carmine Red	-
M	Pastel Orange	-
N	Pastel Green	-
Z	Water Blue	818024962
Keying Code	Color	Part No.



Material

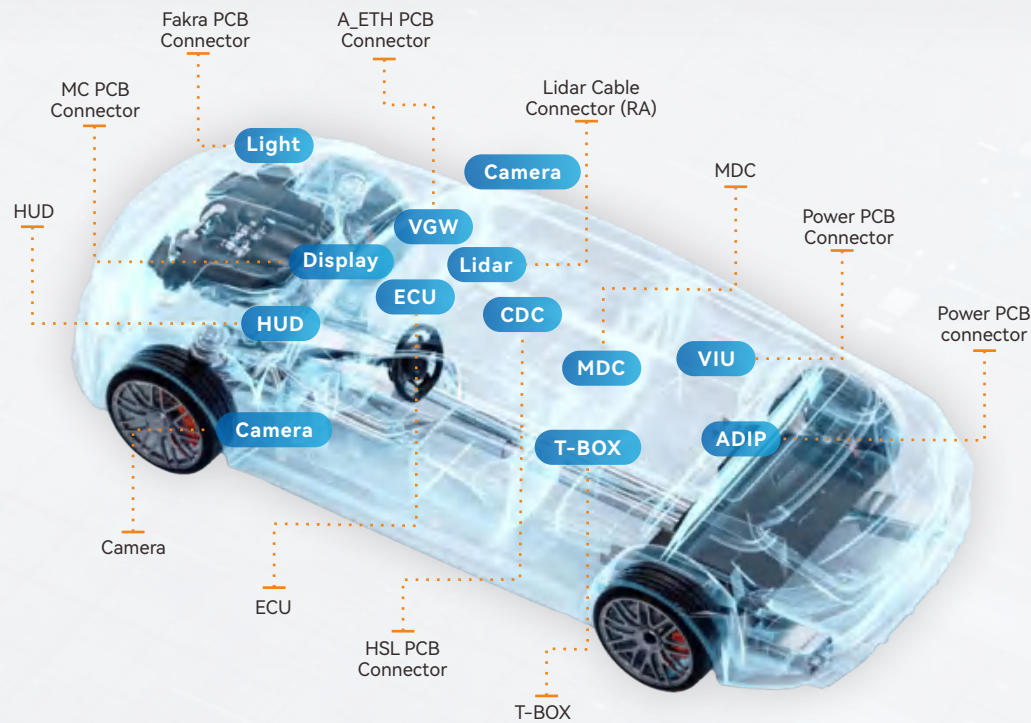
- Body: PA4T
- Center Pin: Copper Alloy
- Outer Contact: Copper Alloy

Electrical Performance

- Impedance: 100Ω
- Insertion Loss:
 - ≥ 23 dB (DC~600MHz)
 - ≥ 20 dB (DC~600MHz)
- Insulation Resistance: ≥ 100MΩ
- Center Contact Resistance:
 - Signal 10mΩ max
 - Shield 40mΩ max
- Withstand Voltage: 250V DC
- Voltage Rating: 60V DC
- Current Rating: 3A
- Transmission Rate: 1000MHz

Mechanical Performance

- Durability Times Cycles: ≥ 20
- Mating Force: ≤ 30 N
- Device Terminal Retention Force:
 - Terminal ≥ 15N
 - Shield ≥ 15N
- Temperature Range: -40°C ~ +105°C



T-ETH 1 Port PCB Connector, Type A~ Type Z

D/N: 600-25319-01

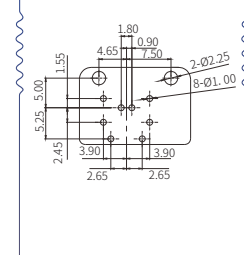
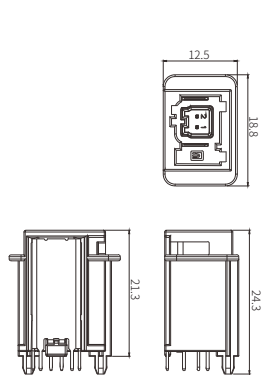
● Outline Dimensions

● PCB Layout

● Technology Parameters



A	Deep Black	818025319	818035311
B	Cream White	818025320	818032312
C	Signal Blue	818025321	818032313
D	Claret Violet	-	-
E	Leaf Green	-	-
F	Nut Brown	-	-
G	Blue Gray	-	-
H	Heather Violet	-	-
J	Beige	818025322	818032314
K	Curry	-	-
L	Carmine Red	-	-
M	Pastel Orange	-	-
N	Pastel Green	-	-
Z	Water Blue	818025323	818032315
Keying Code	Color	Part No.	Part No.



Material

- Plastic Housings: PA10T
- PIN: Copper Alloy
- Shield: Copper Alloy

Electrical Performance

- 1.1 Impedance: 100Ω
- 1.2 Frequency Range: DC to 1000MHz
- 1.3 Return Loss:
DC~190MHz ≤ -30dB
190~600MHz ≤ -20 - 20 log (f/600) dB
- 1.4 Insertion Loss:
DC~600MHz ≥ -(0.01f)dB
- 1.5 Signal Center Contact Resistance:
≤ 10 mΩ
- 1.6 Shield Center Contact Resistance:
≤ 40 mΩ
- 1.7 Voltage Rating: 60 V DC
- 1.8 Current Rating: ≤ 3 A DC

Mechanical Performance

- 1.9 Mating Cycles: ≥ 20
- 2.0 Mating Force: ≤ 30N
- 2.1 Retention Force Latch: ≥ 80N
- 2.2 Temperature Range:
-40 °C ~ +105 °C

R-ETH 1 Port PCB Connector, Type A~ Type Z

D/N: 600-30876-01

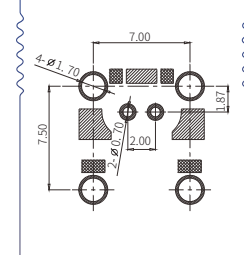
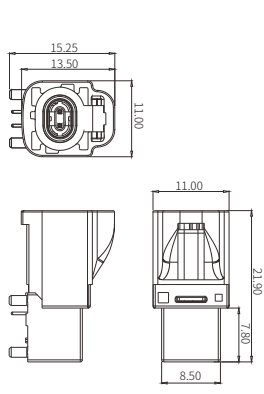
● Outline Dimensions

● PCB Layout

● Technology Parameters



A	Deep Black	818030869
B	Cream White	818030871
C	Signal Blue	818030872
D	Claret Violet	818030873
E	Leaf Green	818030874
F	Nut Brown	818030875
G	Blue Gray	818030876
H	Heather Violet	818030877
J	Beige	818030878
K	Curry	818030879
L	Carmine Red	818030880
M	Pastel Orange	818030881
N	Pastel Green	818030882
Z	Water Blue	818030883
Keying Code	Color	Part No.



Material

- Plastic Housing: PPA
- Insulator: LCP
- Center Pin: Brass
- Housing: Zinc Alloy
- Gear Piece: Stainless Steel
- Locking Plate: Stainless Steel

Electrical Performance

- 1.1 Impedance:
100Ω (500 ps @ 10%-90%)
- 1.2 Frequency Range: DC to 600MHz
- 1.3 Return Loss:
≤ -30 dB @ 0 ~ 190 MHz
≤ -20 + 20*log10 (freq in MHz/600) dB @ 190 MHz ~ 600MHz
- 1.4 Insertion Loss:
≥ -0.01*sqrt (freq in MHz) dB @ 0~ 600 MHz
- 1.5 Center Contact Resistance: ≤ 25 mΩ
- 1.6 Withstanding Voltage: 500V DC
- 1.7 Voltage Rating: 60V DC
- 1.8 Current Rating: ≤ 1A DC
- 1.9 Insulation Resistance: ≥ 100MΩ

Mechanical Performance

- 2.0 Mating Cycles: ≥ 25Times
- 2.1 Mating Force: ≤ 75N
- 2.2 Unmating Force: 2N ≤ F ≤ 75 N
- 2.3 Retention Force Housing: ≥ 110 N

R-ETH 2 Port PCB Connector, Type A~ Type Z

D/N: 600-31810-01

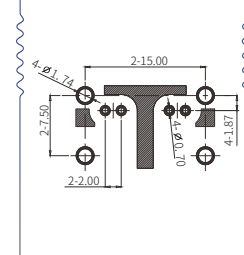
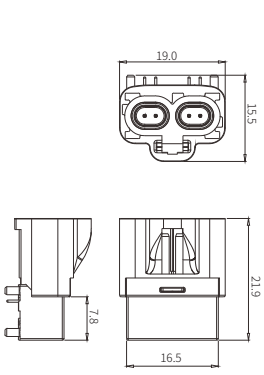
● Outline Dimensions

● PCB Layout

● Technology Parameters



A	Deep Black	818031804
B	Cream White	818031805
C	Signal Blue	818031806
D	Claret Violet	818031807
E	Leaf Green	818031808
F	Nut Brown	818031809
Z	Water Blue	818031810
G	Blue Gray	818031811
H	Heather Violet	818031812
J	Beige	818031813
K	Curry	818031814
L	Carmine Red	818031815
M	Pastel Orange	818031816
O	浅绿色6027	818031817
Keying Code	Color	Part No.



Material

- Plastic Housing: PPA
- Insulator: LCP
- Center Pin: Brass
- Housing: Zinc Alloy
- Gear Piece: Stainless Steel
- Locking Plate: Stainless Steel

Electrical Performance

- 1.1 Impedance:
100 (500 ps @ 10%-90%)
- 1.2 Frequency Range: DC to 600MHz
- 1.3 Return Loss:
≤ -30 dB @ 0 ~ 190 MHz
≤ -20 + 20*log10 (freq in MHz/600) dB @ 190 MHz ~ 600MHz
- 1.4 Insertion Loss:
≥ -0.01*sqrt (freq in MHz) dB @ 0~ 600 MHz
- 1.5 Center Contact Resistance: ≤ 25 mΩ
- 1.6 Test Voltage: 500V rms Max
- 1.7 Working Voltage: 100V rms
- 1.8 Current Rating: ≤ 1.5 A DC
- 1.9 Insulation Resistance: ≥ 100mΩ

Mechanical Performance

- 2.0 Mating Cycles: ≥ 25Times
- 2.1 Mating Force: ≤ 75N
- 2.2 Unmating Force: 2N ≤ F ≤ 75 N
- 2.3 Retention Force Housing: ≥ 110 N

A-ETH 2 Port PCB Connector, Type A~ Type Z

D/N: 600-26939-01

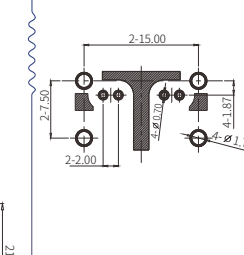
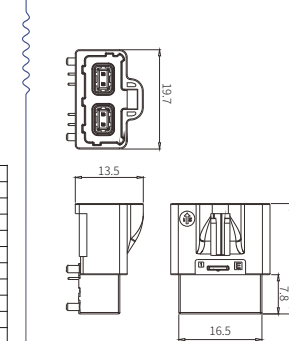
● Outline Dimensions

● PCB Layout

● Technology Parameters



A	Deep Black	818026933
B	Cream White	818026934
C	Signal Blue	818026935
D	Claret Violet	818026936
E	Leaf Green	818026937
F	Nut Brown	818026938
G	Blue Gray	-
H	Heather Violet	-
J	Beige	-
K	Curry	-
L	Carmine Red	-
M	Pastel Orange	-
N	Pastel Green	-
Z	Water Blue	818026939
Keying Code	Color	Part No.



Material

- Plastic Housing: PPA
- Insulator: LCP
- Center Pin: Brass
- Housing: Zinc Alloy
- Gear Piece: Stainless Steel
- Locking Plate: Stainless Steel

Electrical Performance

- 1.1 Impedance: 100Ω(500 ps @ 10%-90%)
- 1.2 Frequency Range: DC to 600MHz
- 1.3 Return Loss:
≤ -30 dB @ 0 ~ 190 MHz;
≤ -20 + 20*log10 (freq in MHz/600) dB @ 190 MHz ~ 600MHz
- 1.4 Insertion Loss:
≥ -0.01*sqrt (freq in MHz) dB @ 0~ 600 MHz
- 1.5 Center Contact Resistance: ≤ 25 mΩ
- 1.6 Test Voltage: 500V rms Max
- 1.7 Working Voltage: 100 V rms
- 1.8 Insulation Resistance: 1000mΩ
- 1.9 Current Rating: ≤ 1.5A DC

Mechanical Performance

- 2.0 Mating Cycles: ≥ 25Times
- 2.1 Mating Force: ≤ 75N
- 2.2 Unmating Force: ≥ 2 N
- 2.3 Retention Force Housing: ≥ 110 N
- 2.4 Temperature Range: -40 °C ~ +105 °C

A-ETH 2x2 Port PCB Connector, Type A~ Type Z

D/N: 600-18068-01

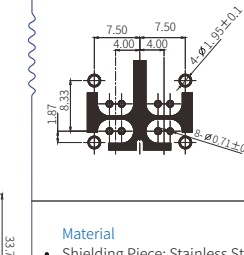
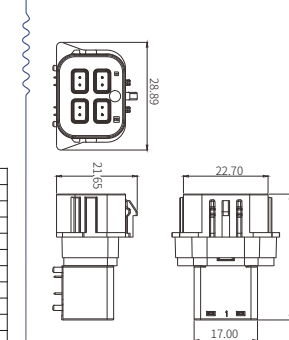
● Outline Dimensions

● PCB Layout

● Technology Parameters



A	Deep Black	818018064
B	Cream White	818018065
C	Signal Blue	818018066
D	Claret Violet	818018067
E	Leaf Green	818018103
F	Nut Brown	-
G	Blue Gray	-
H	Heather Violet	-
J	Beige	-
K	Curry	-
L	Carmine Red	-
M	Pastel Orange	-
N	Pastel Green	-
Z	Water Blue	818018068
Keying Code	Color	Part No.



Material

- Shielding Piece: Stainless Ste
- Long Insulator: LCP
- Short Insulator: LCP
- Long Center Pin: Brass
- Short Center Pin: Brass
- Housing: Zinc Alloy
- Plastic Housing: PPA
- Locking Plate: Stainless Steel
- Locking Plate: Stainless Steel

Electrical Performance

- 1.1 Impedance:
100Ω (500 ps @ 10%-90%)
- 1.2 Frequency Range: DC to 600MHz
- 1.3 Return Loss:
≤ -30 dB @ 0 ~ 190 MHz
≤ -20 + 20*log10 (freq in MHz/600) dB @ 190 MHz ~ 600MHz
- 1.4 Insertion Loss:
≥ -0.01*sqrt (freq in MHz) dB @ 0~ 600 MHz
- 1.5 Center Contact Resistance: ≤ 25 mΩ
- 1.6 Withstanding Voltage: 500V DC
- 1.7 Voltage Rating: 12V DC
- 1.8 Current Rating: ≤ 1.5A DC
- 1.9 Insulation Resistance: ≥ 100MΩ

Mechanical Performance

- 2.0 Mating Cycles: ≥ 25Times
- 2.1 Mating Force: ≤ 75N
- 2.2 Unmating Force: ≥ 2 N
- 2.3 Retention Force Housing: ≥ 110 N

A-ETH 2x2 Port PCB Connector, Type A~ Type Z

D/N: 600-27069-01

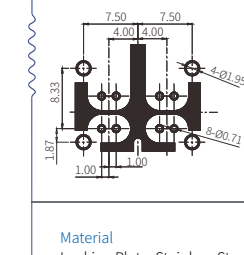
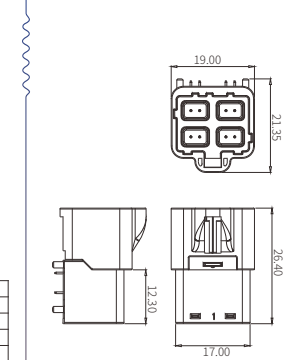
● Outline Dimensions

● PCB Layout

● Technology Parameters



A	Deep Black	818027063
B	Cream White	818027064
C	Signal Blue	818027065
D	Claret Violet	818027066
E	Leaf Green	818027067
F	Nut Brown	818027068
Z	Water Blue	818027069
Keying Code	Color	Part No.



Material

- Locking Plate: Stainless Steel
- Long Insulator: LCP
- Short Insulator: LCP
- Long Center Pin: Brass
- Short Center Pin: Brass
- Housing: Zinc Alloy
- Plastic Housing: PPA
- Locking Plate: Stainless Steel
- Locking Plate: Stainless Steel

Electrical Performance

- 1.1 Impedance:
100Ω (500 ps @ 10%-90%)
- 1.2 Frequency Range: DC to 600MHz
- 1.3 Return Loss:
≤ -30 dB @ 0 ~ 190 MHz
≤ -20 + 20*log10 (freq in MHz/600) dB @ 190 MHz ~ 600MHz
- 1.4 Insertion Loss:
≥ -0.01*sqrt (freq in MHz) dB @ 0~ 600 MHz
- 1.5 Center Contact Resistance: ≤ 25 mΩ
- 1.6 Withstanding Voltage: 500V DC
- 1.7 Voltage Rating: 12V DC
- 1.8 Current Rating: ≤ 1.5A DC
- 1.9 Insulation Resistance: ≥ 100MΩ

Mechanical Performance

- 2.0 Mating Cycles: ≥ 25Times
- 2.1 Mating Force: ≤ 75N
- 2.2 Unmating Force: ≥ 2 N
- 2.3 Retention Force Housing: ≥ 110 N

A-ETH 2x3 Port PCB Connector, Type A~ Type Z

D/N: 600-28183-01

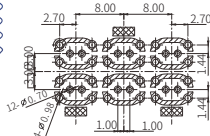
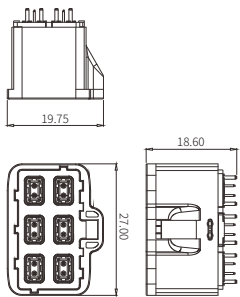
● Outline Dimensions

● PCB Layout

● Technology Parameters



A	Deep Black	818028183
B	Cream White	818029070
C	Signal Blue	-
D	Claret Violet	-
E	Leaf Green	-
F	Nut Brown	-
G	Blue Gray	-
H	Heather Violet	-
J	Beige	-
K	Curry	-
L	Carmine Red	-
M	Pastel Orange	-
N	Pastel Green	-
Z	Water Blue	818029069
Keying Code	Color	Part No.



Material

- Locking Plate: Stainless Steel
- Insulator: LCP
- Center Pin: Brass
- Housing: Zinc Alloy
- Plastic Housing: PPA

Electrical Performance

- 1.1 Impedance:
100Ω (500 ps @ 10%-90%)
 - 1.2 Frequency Range: DC to 600MHz
 - 1.3 Return Loss:
≤ -30 dB @ 0 ~ 190 MHz
≤ -20 + 20*log10 (freq in MHz/600)
dB @ 190 MHz ~ 600MHz
 - 1.4 Insertion Loss:
≥ -0.01*sqrt (freq in MHz)
dB @ 0~ 600 MHz
 - 1.5 Center Contact Resistance: ≤25 mΩ
 - 1.6 Withstanding Voltage: 500V DC
 - 1.7 Voltage Rating: 12V DC
 - 1.8 Current Rating: ≤ 1.5A DC
 - 1.9 Insulation Resistance: ≥100MΩ
- ### Mechanical Performance
- 2.0 Mating Cycles: ≥25Times
 - 2.1 Mating Force: ≤ 75N
 - 2.2 Unmating Force: ≥ 2 N
 - 2.3 Rentention Force Housing: ≥ 110 N

T-ETH 3 Port PCB Connector, Type A~ Type Z

D/N: 600-25314-01

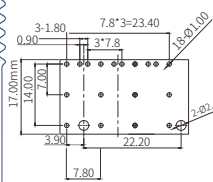
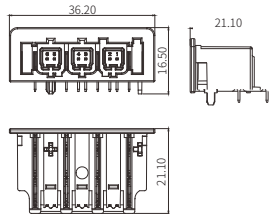
● Outline Dimensions

● PCB Layout

● Technology Parameters



A	Deep Black	818025314
B	Cream White	818025315
C	Signal Blue	818025316
D	Claret Violet	-
E	Leaf Green	-
F	Nut Brown	-
G	Blue Gray	-
H	Heather Violet	-
J	Beige	818025317
K	Curry	-
L	Carmine Red	-
M	Pastel Orange	-
N	Pastel Green	-
Z	Water Blue	818025318
Keying Code	Color	Part No.



Material

- Body: PA4T
- Center Pin: Copper Alloy
- Outer Contact: Copper Alloy

Electrical Performance

- 1.1 Impedance: 100Ω
 - 1.2 Insertion Loss:
≥ 23 dB (DC~600MHz)
≥ 20 dB (DC~600MHz)
 - 1.3 Insulation Resistance: ≥ 100MΩ
 - 1.4 Center Contact Resistance:
Signal 10mΩ max
Shield 40mΩ max
 - 1.5 Withstand Voltage: 250V DC
 - 1.6 Voltage Rating: 60V DC
 - 1.7 Current Rating: 3A
 - 1.8 Transmission Rate: 1000MHz
- ### Mechanical Performance
- 1.9 Durability Times Cycles: ≥ 20
 - 2.0 Mating Force: ≤ 30 N
 - 2.1 Device Terminal Retention Force:
Terminal ≥15N
Shield ≥15N
 - 2.2 Temperature Range:
-40°C~ +105°C

R-ETH 1 Port PCB Connector, V/T Type A~Type Z

D/N: 600-40591-01

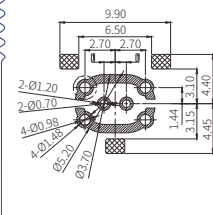
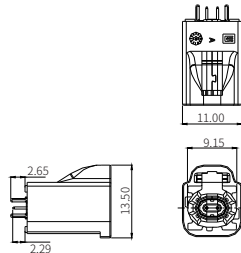
● Outline Dimensions

● PCB Layout

● Technology Parameters



A	Deep Black	818040585
B	Cream White	818040586
C	Signal Blue	818040587
D	Date Red	818040588
E	Leaf Green	818040589
F	Nut Brown	818040590
G	Blue Gray	818040591
H	Heather Violet	818040592
J	Beige	818040593
K	Curry	818040594
L	Carmine Red	818040595
M	Pastel Orange	818040596
O	Pastel Green	818040597
Keying Code	Color	Part No.



Material

- Plastic Housing: PA4T
- Insulator: LCP
- Center Pin: Copper Alloy
- Outer Shell: Copper Alloy

Electrical Performance

- 1.1 Impedance:
100 (500 ps @ 10%-90%)
 - 1.2 Frequency: DC to 10GHz
 - 1.3 Return Loss:
≤ -30 dB @ 0 ~ 3GHz
≤ -25 dB@ 3GHz ~ 6GHz
≤ -20 dB@ 6GHz ~ 10GHz
 - 1.4 Center Contact Resistance: ≤10 mΩ
Shielding Contact Resistance:
≤7.5 mΩ
 - 1.5 Withstanding Voltage: 500V DC
 - 1.6 Rated Voltage: 60V DC
 - 1.7 Rated Current: ≤1.5 A DC
 - 1.8 Insulation Resistance: ≥100mΩ
- ### Mechanical Performance
- 1.9 Mating Cycles: ≥25 (times)
 - 2.0 Mating Force: ≤ 30 N
 - 2.1 Unmating Force: 2N ≤ F ≤ 30 N
 - 2.2 Rentention Force Housing: ≥ 110 N

A-ETH 2 Port PCB Connector, V/T Type A~ Type Z

D/N: 600-35773-01

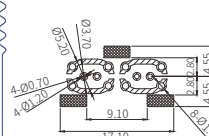
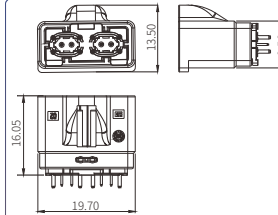
● Outline Dimensions

● PCB Layout

● Technology Parameters



A	Deep Black	818035767
B	Cream White	818035768
C	Signal Blue	818035769
D	Date Red	818035770
E	Leaf Green	818035771
F	Nut Brown	818035772
Z	Water Blue	818035773
G		
H		
K		
L		
M		
O		
Keying Code	Color	Part No.



Material

- Locking: Stainless Steel
- Insulator: LCP
- Center Pin: Copper Alloy
- Outer Shell: Zinc Alloy
- Plastic Housing: PPA

Electrical Performance

- 1.1 Impedance:
100Ω (500 ps @ 10%-90%)
 - 1.2 Frequency: DC to 600MHz
 - 1.3 Return Loss:
≤ -30 dB @ 0 ~ 190 MHz
≤ -20 + 20*log10 (freq in MHz/600)
dB @ 190 MHz ~ 600MHz
 - 1.4 Insertion Loss:
≥ -0.01*sqrt (freq in MHz)
dB @ 0~ 600 MHz
 - 1.5 Center Contact Resistance: ≤25 mΩ
 - 1.6 Withstand Voltage: 500V DC
 - 1.7 Rated Voltage: 12V DC
 - 1.8 Rated Current: ≤ 1.5A DC
 - 1.9 Insulation Resistance: ≥100MΩ
- ### Mechanical Performance
- 2.0 Mating Cycles: ≥25Times
 - 2.1 Mating Force: ≤ 75N
 - 2.2 Unmating Force: ≥ 2 N
 - 2.3 Rentention Force Housing: ≥ 110 N

R-ETH 4 Port PCB Connector,V/T Type A~ Type Z

D/N: 600-42873-01

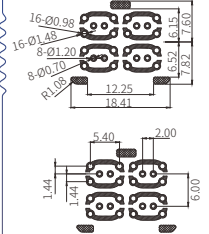
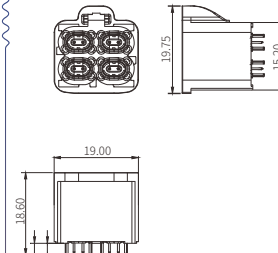
● Outline Dimensions

● PCB Layout

● Technology Parameters



A	Deep Black	818042867
B	Cream White	818042868
C	Signal Blue	818042869
D	Date Red	818042870
E	Leaf Green	818042871
F	Nut Brown	818042872
G	Blue Gray	818042873
H	Heather Violet	818042874
J	Beige	818042875
K	Curry	818042876
L	Carmine Red	818042877
M	Pastel Orange	818042878
N	Pastel Green	818042879
Z	Water Blue	818042880
Keying Code	Color	Part No.



Material

- Plastic Housing: PA4T
- Insulator: LCP
- Center Pin: Copper Alloy
- Outer Shell: Copper Alloy

Electrical Performance

- 1.1 Impedance:
100 (500 ps @ 10%-90%)
 - 1.2 Frequency: DC to 10GHz
 - 1.3 Return Loss:
≤ -30 dB @ 0 ~ 3GHz
≤ -25 dB@ 3GHz ~ 6GHz
≤ -20 dB@ 6GHz ~ 10GHz
 - 1.4 Center Contact Resistance: ≤10 mΩ
Shielding Contact Resistance:
≤7.5 mΩ
 - 1.5 Withstanding Voltage: 500V DC
 - 1.6 Rated Voltage: 60V DC
 - 1.7 Rated Current: ≤1.5 A DC
 - 1.8 Insulation Resistance: ≥100mΩ
- ### Mechanical Performance
- 1.9 Mating Cycles: ≥25 (times)
 - 2.0 Mating Force: ≤ 75 N
 - 2.1 Unmating Force: 2N ≤ F ≤ 75 N
 - 2.2 Rentention Force Housing: ≥ 110 N

R-ETH 4 Port PCB Connector,R/A Type A~ Type Z

D/N: 600-34887-01

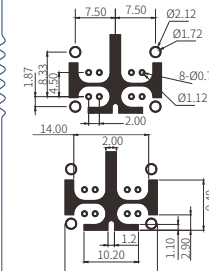
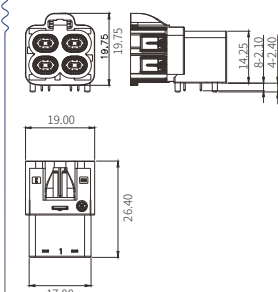
● Outline Dimensions

● PCB Layout

● Technology Parameters



A	Deep Black	818034881
B	Cream White	818034882
C	Signal Blue	818034883
D	Date Red	818034884
E	Leaf Green	818034885
F	Nut Brown	818034886
Z	Water Blue	818034887
G	Blue Gray	818034888
H	Heather Violet	818034889
J	Beige	818034890
K	Curry	818034891
L	Carmine Red	818034892
M	Pastel Orange	818034893
O	Pastel Green	818034894
Keying Code	Color	Part No.



Material

- Plastic Housing: PA4T
- Insulator: LCP
- Center Pin: Copper Alloy
- Outer Shell: Zinc Alloy
- Gasket: Stainless Steel
- Locking : Stainless Steel

Electrical Performance

- 1.1 Impedance:
100 (500 ps @ 10%-90%)
 - 1.2 Frequency: DC to 10GHz
 - 1.3 Return Loss:
≤ -30 dB @ 0 ~ 3GHz
≤ -25 dB@ 3GHz ~ 6GHz
≤ -20 dB@ 6GHz ~ 10GHz
 - 1.4 Center Contact Resistance: ≤10 mΩ
Shielding Contact Resistance: ≤7.5 mΩ
 - 1.5 Withstanding Voltage: 500V DC
 - 1.6 Rated Voltage: 60V DC
 - 1.7 Rated Current: ≤1.5 A DC
 - 1.8 Insulation Resistance: ≥100mΩ
- ### Mechanical Performance
- 1.9 Mating Cycles: ≥25 (times)
 - 2.0 Mating Force: ≤ 75 N
 - 2.1 Unmating Force: 2N ≤ F ≤ 75 N
 - 2.2 Rentention Force Housing: ≥ 110 N

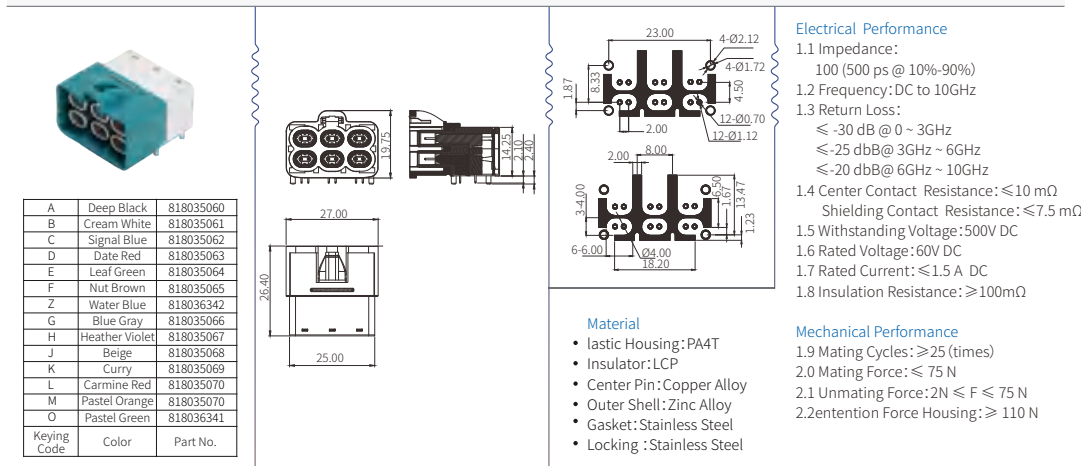
R-ETH 6 Port PCB Connector,R/A Type A~ Type Z

D/N: 600-35060-01

● Outline Dimensions

● PCB Layout

● Technology Parameters



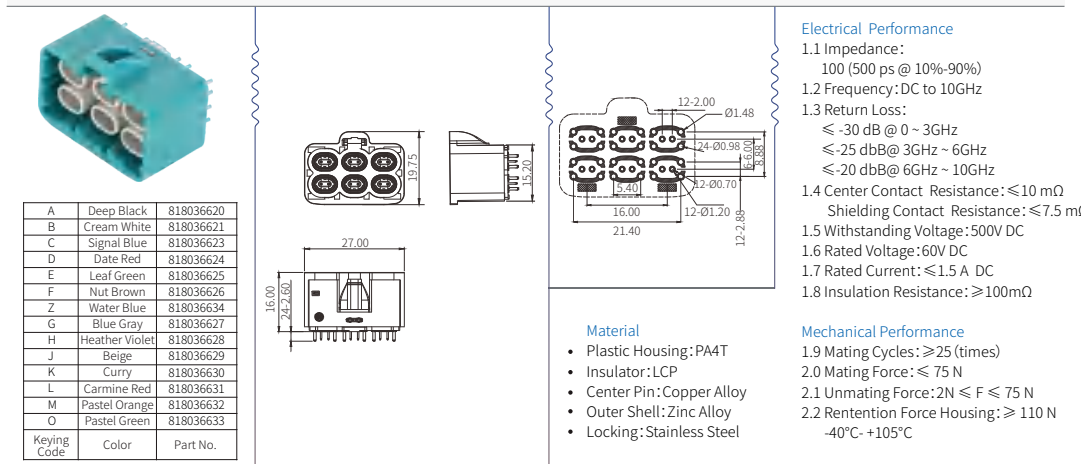
R-ETH 6 Port PCB Connector,V/T Type A~ Type Z

D/N: 600-36620-01

● Outline Dimensions

● PCB Layout

● Technology Parameters



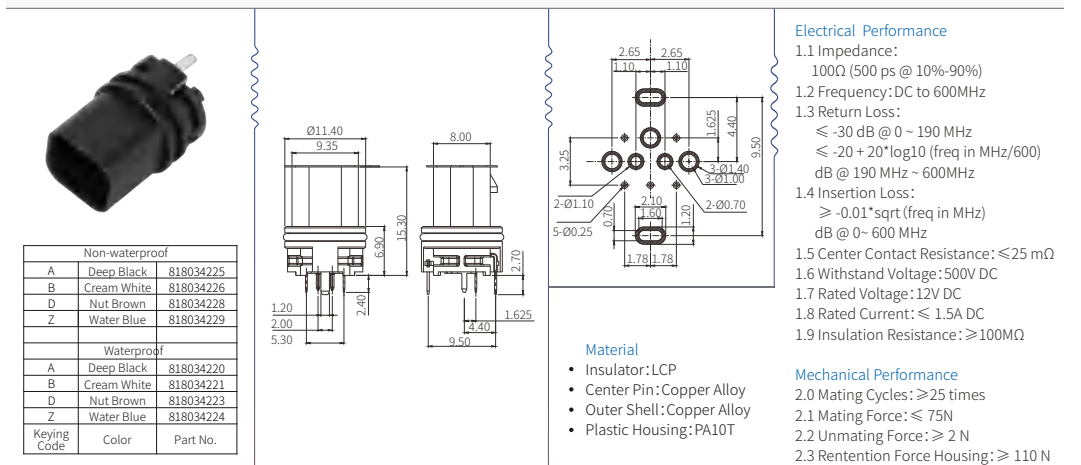
P-ETH 1 Port PCB Connector,V/T Type A~ Type Z

D/N: 600-34225-01

● Outline Dimensions

● PCB Layout

● Technology Parameters



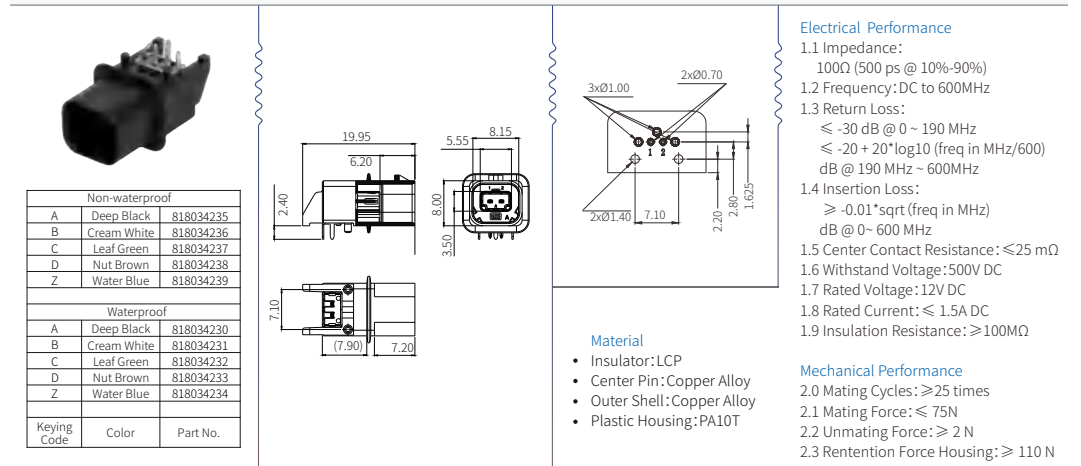
P-ETH 1 Port PCB Connector,R/A Type A~ Type Z

D/N: 600-34235-01

● Outline Dimensions

● PCB Layout

● Technology Parameters



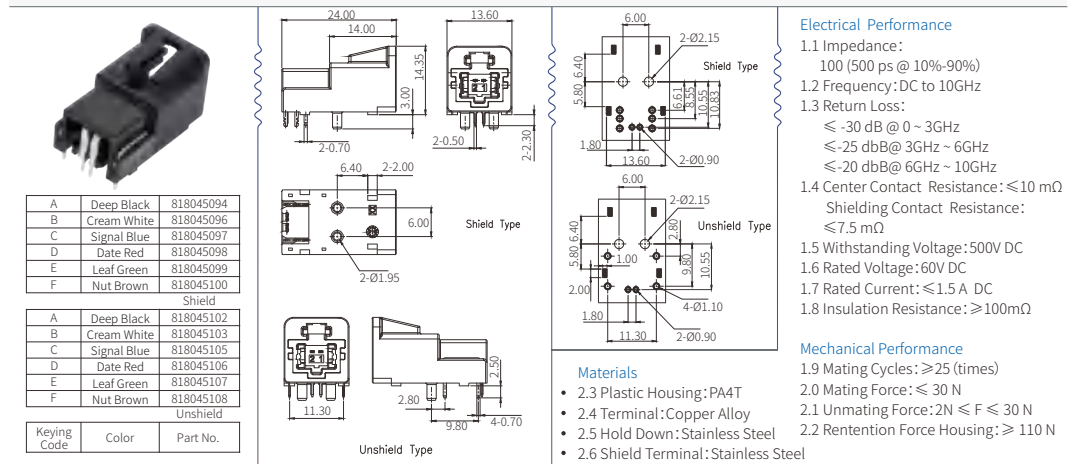
R-ETH 4 Port PCB Connector,V/T Type A~ Type Z

D/N: 600-45094-01

● Outline Dimensions

● PCB Layout

● Technology Parameters



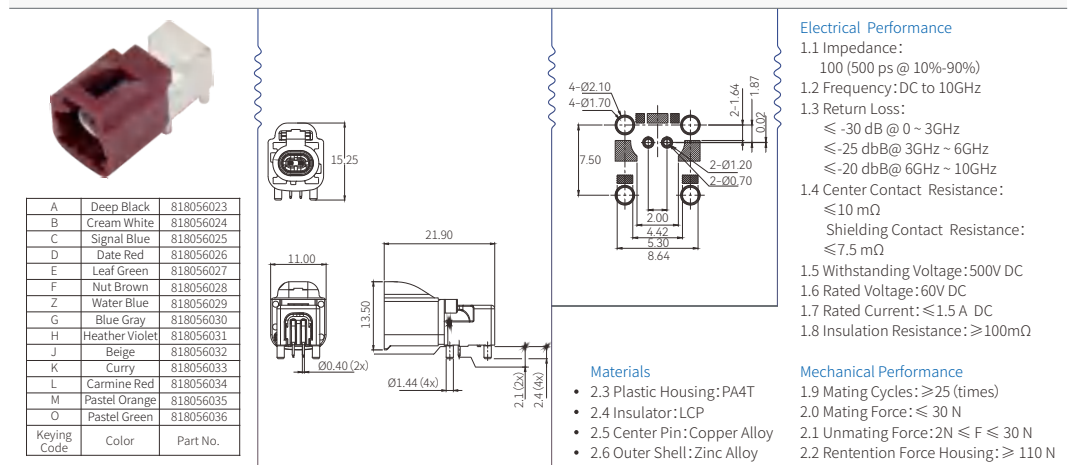
R-ETH 1 Port PCB Connector, R/A Type A~ Type Z

D/N: 600-56029-01

● Outline Dimensions

● PCB Layout

● Technology Parameters



T-ETH Port PCB Connector Type A~ Type Z

D/N: 600-45663-01

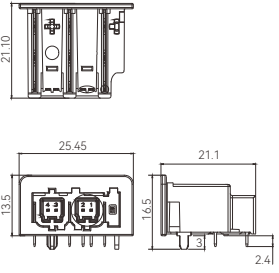
● Outline Dimensions

● PCB Layout

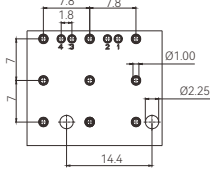
● Technology Parameters



A	黑色9005	818045663
B	白色9001	818045664
C	蓝色5005	818045665
D	枣红色4004	—
E	绿色6002	—
F	棕色8011	—
Z	水蓝色5021	—
G	灰色7031	—
H	紫罗兰4003	—
J	米黄色1001	818045666
K	咖啡色1027	—
L	胭脂红3002	—
M	粉橙色2003	—
O	松蓝绿色6019	818045667
Keying Code	Color	Part No.



21.10
25.45
13.5
21.1
16.5
2.4



7.8 7.8
1.8
7 7
Ø1.00
Ø2.25
14.4

Electrical Performance

1.1 Impedance:
100 (500 ps @ 10%-90%)

1.2 Frequency: DC to 1GHz

1.3 Center Contact Resistance: ≤10 mΩ

Shielding Contact Resistance: ≤40 mΩ

1.4 Withstanding Voltage: 500V DC

1.5 Rated Voltage: 60V DC

1.6 Rated Current: ≤3 A DC

1.7 Insulation Resistance: ≥100mΩ

Mechanical Performance

1.8 Mating Cycles: ≥20 (times)

1.9 Mating Force: ≤20 N

2.0 Unmating Force: 5N ≤ F ≤ 20 N

Materials

2.1 Plastic Housing: PA4T

2.2 Center Pin: Copper Alloy

2.3 Outer Shell: Copper Alloy

A-ETH 1 Port Cable Connector Plug Sealed, Type A~ Type Z

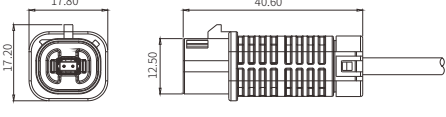
D/N: 600-19535-01

● Outline Dimensions

● Technology Parameters



A	Deep Black	818019535
B	Cream White	818022126
C	Signal Blue	818022127
D	Claret Violet	818022128
E	Leaf Green	818022129
F	Nut Brown	818022130
G	Blue Gray	818022131
H	Heather Violet	818022132
J	Beige	818022133
K	Curry	818022134
L	Carmine Red	818022135
M	Pastel Orange	818022136
N	Pastel Green	818022137
Z	Water Blue	818022138
Keying Code	Color	Part No.



17.80
17.20
40.60
12.50

Material

2.4 Cable: Φ3.8, Black

2.5 Insulator: LCP

2.6 Insulator Lock: LCP

2.7 Center Pin: Titanium Copper

2.8 Housing: Phosphorus Copper

2.9 Clip Material: Phosphorus Copper

3.0 HousingBody: Phosphorus Copper

3.1 Plastic Housing: PPO

3.2 CPA: PPO

3.3 Protegulum: PA66

3.4 Postoperculum: PA66

3.5 Before Sealing Wall: Silicon Rubber

3.6 After Sealing Wall: Silicon Rubber

Electrical Performance

1.1 Impedance:
100Ω (500 ps @ 10%-90%)

1.2 Frequency Range: DC to 600MHz

1.3 Return Loss:
≤ -30 dB @ 0 ~ 190 MHz
≤ -20 + 20*log10 (freq in MHz/600)
dB @ 190 MHz ~ 600MHz

1.4 Insertion Loss:
≥ -0.01*sqrt (freq in MHz)
dB @ 0~ 600 MHz

1.5 Center Contact Resistance: ≤25 mΩ

1.6 Withstanding Voltage: 500V DC

1.7 Working Voltage: 12V DC

1.8 Current Rating: ≤ 1.5A DC

1.9 Insulation Resistance: ≥100MΩ

Mechanical Performance

2.0 Mating Cycles: ≥25Times

2.1 Mating Force: ≤ 75N

2.2 Unmating Force: ≥ 2 N

2.3 Rentention Force Housing: ≥ 110 N

A-ETH 1 Port Cable Connector Plug Sealed, Type A~ Type Z With Lock

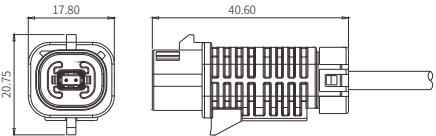
D/N: 600-30405-01

● Outline Dimensions

● Technology Parameters



A	Deep Black	818030392
B	Cream White	818030393
C	Signal Blue	818030394
D	Claret Violet	818030395
E	Leaf Green	818030396
F	Nut Brown	818030397
G	Blue Gray	818030398
H	Heather Violet	818030399
J	Beige	818030400
K	Curry	818030401
L	Carmine Red	818030402
M	Pastel Orange	818030403
N	Pastel Green	818030404
Z	Water Blue	818030405
Keying Code	Color	Part No.



17.80
20.75
40.60

Material

2.4 Cable: Φ3.8, Black

2.5 Insulator: LCP

2.6 Insulator Lock: LCP

2.7 Center Pin: Titanium Copper

2.8 Housing: Phosphorus Copper

2.9 Clip Material: Phosphorus Copper

3.0 HousingBody: Phosphorus Copper

3.1 Plastic Housing: PPO

3.2 CPA: PPO

3.3 Protegulum: PA66

3.4 Postoperculum: PA66

3.5 Before Sealing Wall: Silicon Rubber

3.6 After Sealing Wall: Silicon Rubber

Electrical Performance

1.1 Impedance:
100Ω (500 ps @ 10%-90%)

1.2 Frequency Range: DC to 600MHz

1.3 Return Loss:
≤ -30 dB @ 0 ~ 190 MHz
≤ -20 + 20*log10 (freq in MHz/600)
dB @ 190 MHz ~ 600MHz

1.4 Insertion Loss:
≥ -0.01*sqrt (freq in MHz)
dB @ 0~ 600 MHz

1.5 Center Contact Resistance: ≤25 mΩ

1.6 Withstanding Voltage: 500V DC

1.7 Working Voltage: 12V DC

1.8 Current Rating: ≤ 1.5A DC

1.9 Insulation Resistance: ≥100MΩ

Mechanical Performance

2.0 Mating Cycles: ≥25Times

2.1 Mating Force: ≤ 75N

2.2 Unmating Force: ≥ 2 N

2.3 Rentention Force Housing: ≥ 110 N

A-ETH 1 Port Cable Connector Plug, Type A~ Type Z

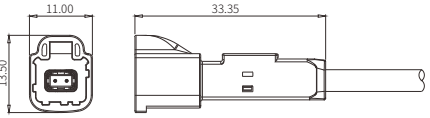
D/N: 600-26759-01

● Outline Dimensions

● Technology Parameters



A	Deep Black	818026759
B	Cream White	818026760
C	Signal Blue	818026761
D	Claret Violet	818026762
E	Leaf Green	818026763
F	Nut Brown	818026764
G	Blue Gray	818026765
H	Heather Violet	818026766
J	Beige	818026767
K	Curry	818026768
L	Carmine Red	818026769
M	Pastel Orange	818026770
N	Pastel Green	818026771
Z	Water Blue	818026772
Keying Code	Color	Part No.



11.00
13.50
33.35

Material

2.4 Cable: Φ3.8, Black

2.5 Insulator: LCP

2.6 Insulator Lock: LCP

2.7 Center Pin: Titanium Copper

2.8 Housing: Phosphorus Copper

2.9 Clip Material: Phosphorus Copper

3.0 HousingBody: Phosphorus Copper

3.1 Plastic Housing: PPO

3.2 CPA: PPO

3.3 Protegulum: PA66

3.4 Postoperculum: PA66

3.5 Before Sealing Wall: Silicon Rubber

3.6 After Sealing Wall: Silicon Rubber

Electrical Performance

1.1 Impedance:
100Ω (500 ps @ 10%-90%)

1.2 Frequency Range: DC to 600MHz

1.3 Return Loss:
≤ -30 dB @ 0 ~ 190 MHz
≤ -20 + 20*log10 (freq in MHz/600)
dB @ 190 MHz ~ 600MHz

1.4 Insertion Loss:
≥ -0.01*sqrt (freq in MHz)
dB @ 0~ 600 MHz

1.5 Center Contact Resistance: ≤25 mΩ

1.6 Withstanding Voltage: 500V DC

1.7 Working Voltage: 12V DC

1.8 Current Rating: ≤ 1.5A DC

1.9 Insulation Resistance: ≥100MΩ

Mechanical Performance

2.0 Mating Cycles: ≥25Times

2.1 Mating Force: ≤ 75N

2.2 Unmating Force: ≥ 2 N

2.3 Rentention Force Housing: ≥ 110 N

A-ETH 1 Port Cable Connector Plug With Lock, Type A~ Type Z

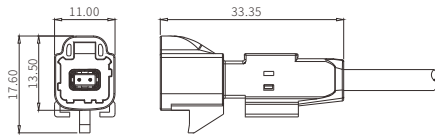
D/N: 600-26773-01

● Outline Dimensions

● Technology Parameters



A	Deep Black	818026773
B	Cream White	818026774
C	Signal Blue	818026775
D	Claret Violet	818026776
E	Leaf Green	818026777
F	Nut Brown	818026778
G	Blue Gray	818026779
H	Heather Violet	818026780
J	Beige	818026781
K	Curry	818026782
L	Carmine Red	818026783
M	Pastel Orange	818026784
N	Pastel Green	818026785
Z	Water Blue	818026786
Keying Code	Color	Part No.



Material

2.4 Cable: $\Phi 3.8$, Black
2.5 Insulator: LCP
2.6 Insulator Lock: LCP
2.7 Center Pin: Titanium Copper
2.8 Housing: Phosphorus Copper
2.9 Clip Material: Phosphorus Copper
3.0 HousingBody: Phosphorus Copper

3.1 Plastic Housing: PPO
3.2 CPA: PPO
3.3 Protegulum: PA66
3.4 Postoperculum: PA66
3.5 Before Sealing Wall: Silicon Rubber
3.6 After Sealing Wall: Silicon Rubber

Electrical Performance

1.1 Impedance: 100 Ω (500 ps @ 10%-90%)
1.2 Frequency Range: DC to 600MHz
1.3 Return Loss:
 ≤ -30 dB @ 0 ~ 190 MHz
 $\leq -20 + 20 \cdot \log_{10}$ (freq in MHz/600) dB @ 190 MHz ~ 600MHz
1.4 Insertion Loss:
 $\geq -0.01 \cdot \sqrt{\text{freq in MHz}}$ dB @ 0~ 600 MHz
1.5 Center Contact Resistance: ≤ 25 m Ω
1.6 Withstanding Voltage: 500V DC
1.7 Working Voltage: 12V DC
1.8 Current Rating: $\leq 1.5A$ DC
1.9 Insulation Resistance: $\geq 100M\Omega$

Mechanical Performance

2.0 Mating Cycles: ≥ 25 Times
2.1 Mating Force: $\leq 75N$
2.2 Unmating Force: ≥ 2 N
2.3 Rentention Force Housing: ≥ 110 N

T-ETH 1 Port Cable Connector Plug, Type A~ Type Z

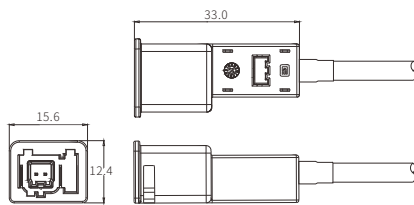
D/N: 600-24948-01

● Outline Dimensions

● Technology Parameters



A	Deep Black	818024948
B	Cream White	818024949
C	Signal Blue	818024950
D	Claret Violet	-
E	Leaf Green	-
F	Nut Brown	-
G	Blue Gray	-
H	Heather Violet	-
J	Beige	818024951
K	Curry	-
L	Carmine Red	-
M	Pastel Orange	-
N	Pastel Green	-
Z	Water Blue	818024952
Keying Code	Color	Part No.



Mechanical Performance

1.9 Durability Times Cycles: ≥ 20
2.0 Mating Force: ≤ 30 N
2.1 Device Terminal Retention Force: Terminal $\geq 15N$ Shield $\geq 15N$
2.2 Temperature Range: -40°C~ +105°C

Material

2.3 Housing: PPO
2.4 Center Pin: Copper Alloy
2.5 Outer Contact: Copper Alloy
2.6 Insulator: PP

Electrical Performance

1.1 Impedance: 100 Ω
1.2 Insertion Loss:
 ≥ 23 dB (DC~600Mhz)
 ≥ 20 dB (DC~600Mhz)
1.3 Insulation Resistance: $\geq 100M\Omega$
1.4 Center Contact Resistance: Signal 10m Ω max Shield 40m Ω max
1.5 Withstand Voltage: 250V DC
1.6 Voltage Rating: 60V DC
1.7 Current Rating: 3A
1.8 Transmission Rate: 1000MHz

R-ETH 1 Port Cable Connector Plug, Type A~ Type Z

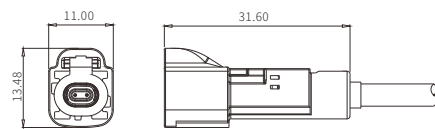
D/N: 600-30904-01

● Outline Dimensions

● Technology Parameters



A	Deep Black	818030898
B	Cream White	818030899
C	Signal Blue	818030900
D	Claret Violet	818030901
E	Leaf Green	818030902
F	Nut Brown	818030903
G	Blue Gray	818030904
H	Heather Violet	818030905
J	Beige	818030906
K	Curry	818030907
L	Carmine Red	818030908
M	Pastel Orange	818030909
N	Pastel Green	818030910
Z	Water Blue	818030911
Keying Code	Color	Part No.



Material

2.4 Cable: $\Phi 3.8$, Black
2.5 Insulator: LCP
2.6 Insulator Lock: LCP
2.7 Center Pin: Titanium Copper
2.8 Housing: Phosphorus Copper
2.9 Clip Material: Phosphorus Copper
3.0 HousingBody: Phosphorus Copper

3.1 Plastic Housing: PPO
3.2 CPA: PPO
3.3 Protegulum: PA66
3.4 Postoperculum: PA66
3.5 Before Sealing Wall: Silicon Rubber
3.6 After Sealing Wall: Silicon Rubber

Electrical Performance

1.1 Impedance: 100 Ω (500 ps @ 10%-90%)
1.2 Frequency Range: DC to 600MHz
1.3 Return Loss:
 ≤ -30 dB @ 0 ~ 190 MHz
 $\leq -20 + 20 \cdot \log_{10}$ (freq in MHz/600) dB @ 190 MHz ~ 600MHz
1.4 Insertion Loss:
 $\geq -0.01 \cdot \sqrt{\text{freq in MHz}}$ dB @ 0~ 600 MHz
1.5 Center Contact Resistance: ≤ 25 m Ω
1.6 Withstanding Voltage: 500V DC
1.7 Working Voltage: 12V DC
1.8 Current Rating: $\leq 1.5A$ DC
1.9 Insulation Resistance: $\geq 100M\Omega$

Mechanical Performance

2.0 Mating Cycles: ≥ 25 Times
2.1 Mating Force: $\leq 75N$
2.2 Unmating Force: ≥ 2 N
2.3 Rentention Force Housing: ≥ 110 N

R-ETH 1 Port Cable Connector Plug, Type A~ Type Z With Lock

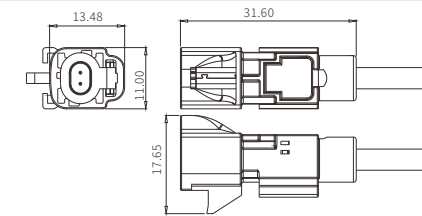
D/N: 600-30918-01

● Outline Dimensions

● Technology Parameters



A	Deep Black	818030912
B	Cream White	818030913
C	Signal Blue	818030914
D	Claret Violet	818030915
E	Leaf Green	818030916
F	Nut Brown	818030917
G	Blue Gray	818030918
H	Heather Violet	818030919
J	Beige	818030920
K	Curry	818030921
L	Carmine Red	818030922
M	Pastel Orange	818030923
N	Pastel Green	818030924
Z	Water Blue	818030925
Keying Code	Color	Part No.



Material

2.4 Cable: $\Phi 3.8$, Black
2.5 Insulator: LCP
2.6 Insulator Lock: LCP
2.7 Center Pin: Titanium Copper
2.8 Housing: Phosphorus Copper
2.9 Clip Material: Phosphorus Copper
3.0 HousingBody: Phosphorus Copper

3.1 Plastic Housing: PPO
3.2 CPA: PPO
3.3 Protegulum: PA66
3.4 Postoperculum: PA66
3.5 Before Sealing Wall: Silicon Rubber
3.6 After Sealing Wall: Silicon Rubber

Electrical Performance

1.1 Impedance: 100 Ω (500 ps @ 10%-90%)
1.2 Frequency Range: DC to 600MHz
1.3 Return Loss:
 ≤ -30 dB @ 0 ~ 190 MHz
 $\leq -20 + 20 \cdot \log_{10}$ (freq in MHz/600) dB @ 190 MHz ~ 600MHz
1.4 Insertion Loss:
 $\geq -0.01 \cdot \sqrt{\text{freq in MHz}}$ dB @ 0~ 600 MHz
1.5 Center Contact Resistance: ≤ 25 m Ω
1.6 Withstanding Voltage: 500V DC
1.7 Working Voltage: 12V DC
1.8 Current Rating: $\leq 1.5A$ DC
1.9 Insulation Resistance: $\geq 100M\Omega$

Mechanical Performance

2.0 Mating Cycles: ≥ 25 Times
2.1 Mating Force: $\leq 75N$
2.2 Unmating Force: ≥ 2 N
2.3 Rentention Force Housing: ≥ 110 N

A-ETH 2 Port Cable Connector Plug, Type A~ Type Z

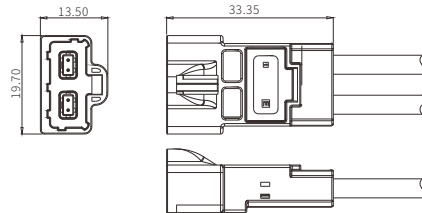
D/N: 600-26953-01

● Outline Dimensions

● Technology Parameters



A	Deep Black	818026947
B	Cream White	818026948
C	Signal Blue	818026949
D	Claret Violet	818026950
E	Leaf Green	818026951
F	Nut Brown	818026952
G	Blue Gray	-
H	Heather Violet	-
J	Beige	-
K	Curry	-
L	Carmine Red	-
M	Pastel Orange	-
N	Pastel Green	-
Z	Water Blue	818026953
Keying Code	Color	Part No.



Material

2.4 Cable: $\Phi 3.8$, Black
2.5 Insulator: LCP
2.6 Insulator Lock: LCP
2.7 Center Pin: Titanium Copper
2.8 Housing: Phosphorus Copper
2.9 Clip Material: Phosphorus Copper
3.0 HousingBody: Phosphorus Copper

3.1 Plastic Housing: PPO
3.2 CPA: PPO
3.3 Protegulum: PA66
3.4 Postoperculum: PA66
3.5 Before Sealing Wall: Silicon Rubber
3.6 After Sealing Wall: Silicon Rubber

Electrical Performance

1.1 Impedance: 100 Ω (500 ps @ 10%-90%)
1.2 Frequency Range: DC to 600MHz
1.3 Return Loss:
 ≤ -30 dB @ 0 ~ 190 MHz
 $\leq -20 + 20 \cdot \log_{10}$ (freq in MHz/600) dB @ 190 MHz ~ 600MHz
1.4 Insertion Loss:
 $\geq -0.01 \cdot \sqrt{\text{freq in MHz}}$ dB @ 0~ 600 MHz
1.5 Center Contact Resistance: ≤ 25 m Ω
1.6 Withstanding Voltage: 500V DC
1.7 Working Voltage: 12V DC
1.8 Current Rating: $\leq 1.5A$ DC
1.9 Insulation Resistance: $\geq 100M\Omega$

Mechanical Performance

2.0 Mating Cycles: ≥ 25 Times
2.1 Mating Force: $\leq 75N$
2.2 Unmating Force: ≥ 2 N
2.3 Rentention Force Housing: ≥ 110 N

A-ETH 2 Port Cable Connector Plug With Lock, Type A~ Type Z

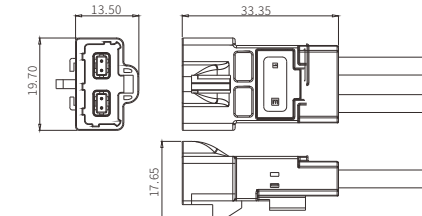
D/N: 600-26960-01

● Outline Dimensions

● Technology Parameters



A	Deep Black	818026954
B	Cream White	818026955
C	Signal Blue	818026956
D	Claret Violet	818026957
E	Leaf Green	818026958
F	Nut Brown	818026959
G	Blue Gray	-
H	Heather Violet	-
J	Beige	-
K	Curry	-
L	Carmine Red	-
M	Pastel Orange	-
N	Pastel Green	-
Z	Water Blue	818026960
Keying Code	Color	Part No.



Material

2.4 Cable: $\Phi 3.8$, Black
2.5 Insulator: LCP
2.6 Insulator Lock: LCP
2.7 Center Pin: Titanium Copper
2.8 Housing: Phosphorus Copper
2.9 Clip Material: Phosphorus Copper
3.0 HousingBody: Phosphorus Copper

3.1 Plastic Housing: PPO
3.2 CPA: PPO
3.3 Protegulum: PA66
3.4 Postoperculum: PA66
3.5 Before Sealing Wall: Silicon Rubber
3.6 After Sealing Wall: Silicon Rubber

Electrical Performance

1.1 Impedance: 100 Ω (500 ps @ 10%-90%)
1.2 Frequency Range: DC to 600MHz
1.3 Return Loss:
 ≤ -30 dB @ 0 ~ 190 MHz
 $\leq -20 + 20 \cdot \log_{10}$ (freq in MHz/600) dB @ 190 MHz ~ 600MHz
1.4 Insertion Loss:
 $\geq -0.01 \cdot \sqrt{\text{freq in MHz}}$ dB @ 0~ 600 MHz
1.5 Center Contact Resistance: ≤ 25 m Ω
1.6 Withstanding Voltage: 500V DC
1.7 Working Voltage: 12V DC
1.8 Current Rating: $\leq 1.5A$ DC
1.9 Insulation Resistance: $\geq 100M\Omega$

Mechanical Performance

2.0 Mating Cycles: ≥ 25 Times
2.1 Mating Force: $\leq 75N$
2.2 Unmating Force: ≥ 2 N
2.3 Rentention Force Housing: ≥ 110 N

R-ETH 2 Port Cable Connector Plug, Type A~ Type Z

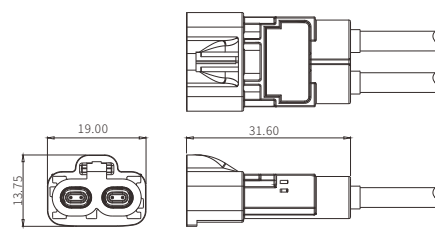
D/N: 600-31838-01

● Outline Dimensions

● Technology Parameters



Keying Code	Color	Part No.
A	Deep Black	818031832
B	Cream White	818031833
C	Signal Blue	818031834
D	Claret Violet	818031835
E	Leaf Green	818031836
F	Nut Brown	818031837
G	Blue Gray	818031838
H	Heather Violet	818031839
J	Beige	818031840
K	Curry	818031841
L	Carmines Red	818031842
M	Pastel Orange	818031843
N	Pastel Green	818031844
Z	Water Blue	818031845



Material

2.4 Cable: $\Phi 3.8$, Black
2.5 Insulator: LCP
2.6 Insulator Lock: LCP
2.7 Center Pin: Titanium Copper
2.8 Housing: Phosphorus Copper
2.9 Clip Material: Phosphorus Copper
3.0 HousingBody: Phosphorus Copper

3.1 Plastic Housing: PPO
3.2 CPA: PPO
3.3 Protegulum: PA66
3.4 Postoperculum: PA66
3.5 Before Sealing Wall: Silicon Rubber
3.6 After Sealing Wall: Silicon Rubber

Electrical Performance

1.1 Impedance:
100 Ω (500 ps @ 10%-90%)
1.2 Frequency Range: DC to 600MHz
1.3 Return Loss:
 ≤ -30 dB @ 0 ~ 190 MHz
 $\leq -20 + 20 \cdot \log_{10}$ (freq in MHz/600)
dB @ 190 MHz ~ 600MHz
1.4 Insertion Loss:
 $\geq -0.01 \cdot \sqrt{\text{freq in MHz}}$
dB @ 0~ 600 MHz
1.5 Center Contact Resistance: ≤ 25 m Ω
1.6 Withstanding Voltage: 500V DC
1.7 Working Voltage: 12V DC
1.8 Current Rating: ≤ 1.5 A DC
1.9 Insulation Resistance: ≥ 100 M Ω

Mechanical Performance

2.0 Mating Cycles: ≥ 25 Times
2.1 Mating Force: ≤ 75 N
2.2 Unmating Force: ≥ 2 N
2.3 Rentention Force Housing: ≥ 110 N

R-ETH 2 Port Cable Connector Plug, Type A~ Type Z, With Lock

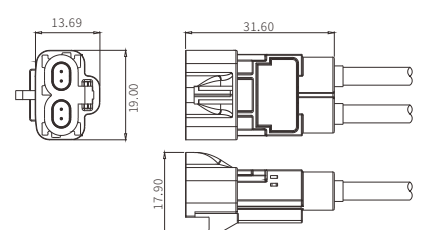
D/N: 600-31852-01

● Outline Dimensions

● Technology Parameters



Keying Code	Color	Part No.
A	Deep Black	818024948
B	Cream White	818024949
C	Signal Blue	818024950
D	Claret Violet	-
E	Leaf Green	-
F	Nut Brown	-
G	Blue Gray	-
H	Heather Violet	-
J	Beige	818024951
K	Curry	-
L	Carmines Red	-
M	Pastel Orange	-
N	Pastel Green	-
Z	Water Blue	818024952



Material

2.4 Cable: $\Phi 3.8$, Black
2.5 Insulator: LCP
2.6 Insulator Lock: LCP
2.7 Center Pin: Titanium Copper
2.8 Housing: Phosphorus Copper
2.9 Clip Material: Phosphorus Copper
3.0 HousingBody: Phosphorus Copper

3.1 Plastic Housing: PPO
3.2 CPA: PPO
3.3 Protegulum: PA66
3.4 Postoperculum: PA66
3.5 Before Sealing Wall: Silicon Rubber
3.6 After Sealing Wall: Silicon Rubber

Electrical Performance

1.1 Impedance:
100 Ω (500 ps @ 10%-90%)
1.2 Frequency Range: DC to 600MHz
1.3 Return Loss:
 ≤ -30 dB @ 0 ~ 190 MHz
 $\leq -20 + 20 \cdot \log_{10}$ (freq in MHz/600)
dB @ 190 MHz ~ 600MHz
1.4 Insertion Loss:
 $\geq -0.01 \cdot \sqrt{\text{freq in MHz}}$
dB @ 0~ 600 MHz
1.5 Center Contact Resistance: ≤ 25 m Ω
1.6 Withstanding Voltage: 500V DC
1.7 Working Voltage: 12V DC
1.8 Current Rating: ≤ 1.5 A DC
1.9 Insulation Resistance: ≥ 100 M Ω

Mechanical Performance

2.0 Mating Cycles: ≥ 25 Times
2.1 Mating Force: ≤ 75 N
2.2 Unmating Force: ≥ 2 N
2.3 Rentention Force Housing: ≥ 110 N

A-ETH 2x2 Port Cable Connector Plug, Type A~ Type Z

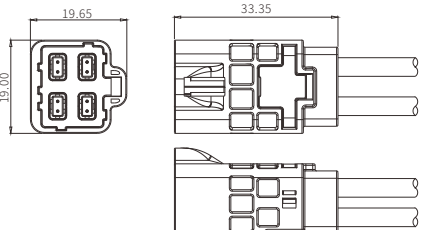
D/N: 600-27131-01

● Outline Dimensions

● Technology Parameters



Keying Code	Color	Part No.
A	Deep Black	818027131
B	Cream White	818027132
C	Signal Blue	818027133
D	Claret Violet	818027134
E	Leaf Green	818027135
F	Nut Brown	818027136
G	Blue Gray	-
H	Heather Violet	-
J	Beige	-
K	Curry	-
L	Carmines Red	-
M	Pastel Orange	-
N	Pastel Green	-
Z	Water Blue	818027137



Material

2.4 Cable: $\Phi 3.8$, Black
2.5 Insulator: LCP
2.6 Insulator Lock: LCP
2.7 Center Pin: Titanium Copper
2.8 Housing: Phosphorus Copper
2.9 Clip Material: Phosphorus Copper
3.0 HousingBody: Phosphorus Copper

3.1 Plastic Housing: PPO
3.2 CPA: PPO
3.3 Protegulum: PA66
3.4 Postoperculum: PA66
3.5 Before Sealing Wall: Silicon Rubber
3.6 After Sealing Wall: Silicon Rubber

Electrical Performance

1.1 Impedance:
100 Ω (500 ps @ 10%-90%)
1.2 Frequency Range: DC to 600MHz
1.3 Return Loss:
 ≤ -30 dB @ 0 ~ 190 MHz
 $\leq -20 + 20 \cdot \log_{10}$ (freq in MHz/600)
dB @ 190 MHz ~ 600MHz
1.4 Insertion Loss:
 $\geq -0.01 \cdot \sqrt{\text{freq in MHz}}$
dB @ 0~ 600 MHz
1.5 Center Contact Resistance: ≤ 25 m Ω
1.6 Withstanding Voltage: 500V DC
1.7 Working Voltage: 12V DC
1.8 Current Rating: ≤ 1.5 A DC
1.9 Insulation Resistance: ≥ 100 M Ω

Mechanical Performance

2.0 Mating Cycles: ≥ 25 Times
2.1 Mating Force: ≤ 75 N
2.2 Unmating Force: ≥ 2 N
2.3 Rentention Force Housing: ≥ 110 N

A-ETH 2x2 Port Cable Connector Plug With Lock, Type A~ Type Z

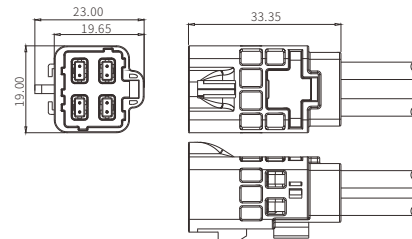
D/N: 600-27124-01

● Outline Dimensions

● Technology Parameters



Keying Code	Color	Part No.
A	Deep Black	818027124
B	Cream White	818027125
C	Signal Blue	818027126
D	Claret Violet	818027127
E	Leaf Green	818027128
F	Nut Brown	818027129
G	Blue Gray	-
H	Heather Violet	-
J	Beige	-
K	Curry	-
L	Carmines Red	-
M	Pastel Orange	-
N	Pastel Green	-
Z	Water Blue	818027130



Material

2.4 Cable: $\Phi 3.8$, Black
2.5 Insulator: LCP
2.6 Insulator Lock: LCP
2.7 Center Pin: Titanium Copper
2.8 Housing: Phosphorus Copper
2.9 Clip Material: Phosphorus Copper
3.0 HousingBody: Phosphorus Copper

3.1 Plastic Housing: PPO
3.2 CPA: PPO
3.3 Protegulum: PA66
3.4 Postoperculum: PA66
3.5 Before Sealing Wall: Silicon Rubber
3.6 After Sealing Wall: Silicon Rubber

Electrical Performance

1.1 Impedance:
100 Ω (500 ps @ 10%-90%)
1.2 Frequency Range: DC to 600MHz
1.3 Return Loss:
 ≤ -30 dB @ 0 ~ 190 MHz
 $\leq -20 + 20 \cdot \log_{10}$ (freq in MHz/600)
dB @ 190 MHz ~ 600MHz
1.4 Insertion Loss:
 $\geq -0.01 \cdot \sqrt{\text{freq in MHz}}$
dB @ 0~ 600 MHz
1.5 Center Contact Resistance: ≤ 25 m Ω
1.6 Withstanding Voltage: 500V DC
1.7 Working Voltage: 12V DC
1.8 Current Rating: ≤ 1.5 A DC
1.9 Insulation Resistance: ≥ 100 M Ω

Mechanical Performance

2.0 Mating Cycles: ≥ 25 Times
2.1 Mating Force: ≤ 75 N
2.2 Unmating Force: ≥ 2 N
2.3 Rentention Force Housing: ≥ 110 N

A-ETH 1 Port Cable Connector Jack, Type A~ Type Z

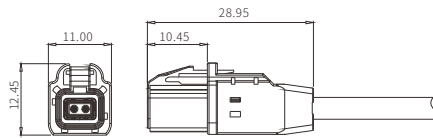
D/N: 600-19555-01

● Outline Dimensions

● Technology Parameters



Keying Code	Color	Part No.
A	Deep Black	818018604
B	Cream White	818018605
C	Signal Blue	818018606
D	Claret Violet	818018607
E	Leaf Green	818018608
F	Nut Brown	818019552
Z	Water Blue	818018609
G	Blue Gray	818019553
H	Heather Violet	818019554
J	Beige	818019555
K	Curry	818019556
L	Carmine Red	818019557
M	Pastel Orange	818019558
O	Light Green	818019559



Material

2.4 Cable: Φ 3.8, Black
2.5 Insulator: LCP
2.6 Insulator Lock: LCP
2.7 Center Pin: Titanium Copper
2.8 Housing: Phosphorus Copper
2.9 Clip Material: Phosphorus Copper
3.0 HousingBody: Phosphorus Copper

3.1 Plastic Housing: PPO
3.2 CPA: PPO
3.3 Protegulum: PA66
3.4 Postoperculum: PA66
3.5 Before Sealing Wall: Silicon Rubber
3.6 After Sealing Wall: Silicon Rubber

Electrical Performance

1.1 Impedance: 100 Ω (500 ps @ 10%-90%)
1.2 Frequency Range: DC to 600MHz
1.3 Return Loss: $\leq$ -30 dB @ 0 ~ 190 MHz
 $\leq$ -20 + 20*log10 (freq in MHz/600) dB @ 190 MHz ~ 600MHz
1.4 Insertion Loss: $\geq$ -0.01*sqrt (freq in MHz) dB @ 0~ 600 MHz
1.5 Center Contact Resistance: $\leq$ 25 m Ω
1.6 Withstanding Voltage: 500V DC
1.7 Working Voltage: 12V DC
1.8 Current Rating: $\leq$ 1.5A DC
1.9 Insulation Resistance: $\geq$ 100M Ω

Mechanical Performance

2.0 Mating Cycles: $\geq$ 25Times
2.1 Mating Force: $\leq$ 75N
2.2 Unmating Force: $\geq$ 2 N
2.3 Rentention Force Housing: $\geq$ 110 N

R-ETH 1 Port Cable Connector Jack, Type A~ Type Z

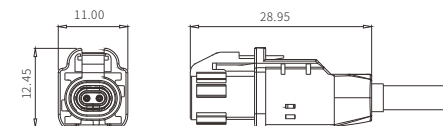
D/N: 600-30890-01

● Outline Dimensions

● Technology Parameters



Keying Code	Color	Part No.
A	Deep Black	818030884
B	Cream White	818030885
C	Signal Blue	818030886
D	Claret Violet	818030887
E	Leaf Green	818030888
F	Nut Brown	818030889
G	Blue Gray	818030890
H	Heather Violet	818030891
J	Beige	818030892
K	Curry	818030893
L	Carmine Red	818030894
M	Pastel Orange	818030895
N	Pastel Green	818030896
Z	Water Blue	818030897



Material

2.4 Cable: Φ 3.8, Black
2.5 Insulator: LCP
2.6 Insulator Lock: LCP
2.7 Center Pin: Titanium Copper
2.8 Housing: Phosphorus Copper
2.9 Clip Material: Phosphorus Copper
3.0 HousingBody: Phosphorus Copper

3.1 Plastic Housing: PPO
3.2 CPA: PPO
3.3 Protegulum: PA66
3.4 Postoperculum: PA66
3.5 Before Sealing Wall: Silicon Rubber
3.6 After Sealing Wall: Silicon Rubber

Electrical Performance

1.1 Impedance: 100 Ω (500 ps @ 10%-90%)
1.2 Frequency Range: DC to 600MHz
1.3 Return Loss: $\leq$ -30 dB @ 0 ~ 190 MHz
 $\leq$ -20 + 20*log10 (freq in MHz/600) dB @ 190 MHz ~ 600MHz
1.4 Insertion Loss: $\geq$ -0.01*sqrt (freq in MHz) dB @ 0~ 600 MHz
1.5 Center Contact Resistance: $\leq$ 25 m Ω
1.6 Withstanding Voltage: 500V DC
1.7 Working Voltage: 12V DC
1.8 Current Rating: $\leq$ 1.5A DC
1.9 Insulation Resistance: $\geq$ 100M Ω

Mechanical Performance

2.0 Mating Cycles: $\geq$ 25Times
2.1 Mating Force: $\leq$ 75N
2.2 Unmating Force: $\geq$ 2 N
2.3 Rentention Force Housing: $\geq$ 110 N

A-ETH 1 Port Cable Connector Jack Sealed, Type A~ Type Z

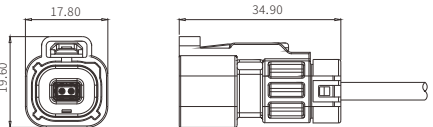
D/N: 600-19534-01

● Outline Dimensions

● Technology Parameters



Keying Code	Color	Part No.
A	Deep Black	818019534
B	Cream White	818022113
C	Signal Blue	818022114
D	Claret Violet	818022115
E	Leaf Green	818022116
F	Nut Brown	818022117
G	Blue Gray	818022118
H	Heather Violet	818022119
J	Beige	818022120
K	Curry	818022121
L	Carmine Red	818022122
M	Pastel Orange	818022123
N	Pastel Green	818022124
Z	Water Blue	818022125



Material

2.4 Cable: Φ 3.8, Black
2.5 Insulator: LCP
2.6 Insulator Lock: LCP
2.7 Center Pin: Titanium Copper
2.8 Housing: Phosphorus Copper
2.9 Clip Material: Phosphorus Copper
3.0 HousingBody: Phosphorus Copper

3.1 Plastic Housing: PPO
3.2 CPA: PPO
3.3 Protegulum: PA66
3.4 Postoperculum: PA66
3.5 Before Sealing Wall: Silicon Rubber
3.6 After Sealing Wall: Silicon Rubber

Electrical Performance

1.1 Impedance: 100 Ω (500 ps @ 10%-90%)
1.2 Frequency Range: DC to 600MHz
1.3 Return Loss: $\leq$ -30 dB @ 0 ~ 190 MHz
 $\leq$ -20 + 20*log10 (freq in MHz/600) dB @ 190 MHz ~ 600MHz
1.4 Insertion Loss: $\geq$ -0.01*sqrt (freq in MHz) dB @ 0~ 600 MHz
1.5 Center Contact Resistance: $\leq$ 25 m Ω
1.6 Withstanding Voltage: 500V DC
1.7 Working Voltage: 12V DC
1.8 Current Rating: $\leq$ 1.5A DC
1.9 Insulation Resistance: $\geq$ 100M Ω

Mechanical Performance

2.0 Mating Cycles: $\geq$ 25Times
2.1 Mating Force: $\leq$ 75N
2.2 Unmating Force: $\geq$ 2 N
2.3 Rentention Force Housing: $\geq$ 110 N

T-ETH 1 Port Cable Connector Jack, Type A~ Type Z

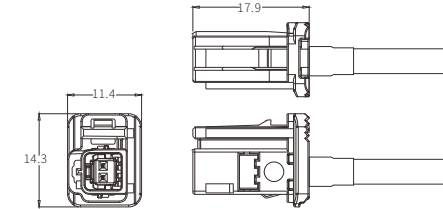
D/N: 600-24938-01

● Outline Dimensions

● Technology Parameters



Keying Code	Color	Part No.
A	Deep Black	818024938
B	Cream White	818024939
C	Signal Blue	818024940
D	Claret Violet	-
E	Leaf Green	-
F	Nut Brown	-
G	Blue Gray	-
H	Heather Violet	-
J	Beige	818024941
K	Curry	-
L	Carmine Red	-
M	Pastel Orange	-
N	Pastel Green	-
Z	Water Blue	818024942



Mechanical Performance

1.9 Durability Times Cycles: $\geq$ 20
2.0 Mating Force: $\leq$ 30 N
2.1 Device Terminal Retention Force: Terminal $\geq$ 15N
Shield $\geq$ 15N
2.2 Temperature Range: -40°C- +105°C

Material

2.3 Housing: PPO
2.4 Center Pin: Copper Alloy
2.5 Outer Contact: Copper Alloy
2.6 Insulator: PP

Electrical Performance

1.1 Impedance: 100 Ω
1.2 Insertion Loss: $\geq$ 23 dB (DC~600Mhz)
 $\geq$ 20 dB (DC~600Mhz)
1.3 Insulation Resistance: $\geq$ 100M Ω
1.4 Center Contact Resistance: Signal 10m Ω max
Shield 40m Ω max
1.5 Withstand Voltage: 250V DC
1.6 Voltage Rating: 60V DC
1.7 Current Rating: 3A
1.8 Transmission Rate: 1000MHz

T-ETH 1 Port Cable Connector Jack, Type A~ Type Z

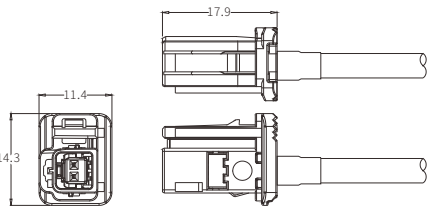
D/N: 600-24943-01

● Outline Dimensions

● Technology Parameters



Keying Code	Color	Part No.
A	Deep Black	818024943
B	Cream White	818024944
C	Signal Blue	818024945
D	Claret Violet	-
E	Leaf Green	-
F	Nut Brown	-
G	Blue Gray	-
H	Heather Violet	-
J	Beige	818024946
K	Curry	-
L	Carmine Red	-
M	Pastel Orange	-
N	Pastel Green	-
Z	Water Blue	818024947



Mechanical Performance

1.9 Durability Times Cycles: $\geq$ 20
2.0 Mating Force: $\leq$ 30 N
2.1 Device Terminal Retention Force: Terminal $\geq$ 15N
Shield $\geq$ 15N
2.2 Temperature Range: -40°C- +105°C

Material

2.3 Housing: PPO
2.4 Center Pin: Copper Alloy
2.5 Outer Contact: Copper Alloy
2.6 Insulator: PP

Electrical Performance

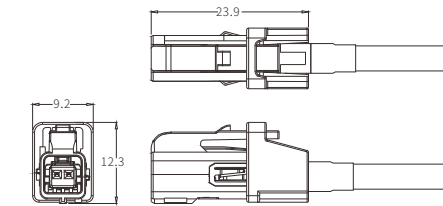
1.1 Impedance: 100 Ω
1.2 Insertion Loss: $\geq$ 23 dB (DC~600Mhz)
 $\geq$ 20 dB (DC~600Mhz)
1.3 Insulation Resistance: $\geq$ 100M Ω
1.4 Center Contact Resistance: Signal 10m Ω max
Shield 40m Ω max
1.5 Withstand Voltage: 250V DC
1.6 Voltage Rating: 60V DC
1.7 Current Rating: 3A
1.8 Transmission Rate: 1000MHz

T-ETH 1 Port Cable Connector Jack, Type A

D/N: 600-27306-01

● Outline Dimensions

● Technology Parameters



Mechanical Performance

1.9 Durability Times Cycles: $\geq$ 20
2.0 Mating Force: $\leq$ 30 N
2.1 Device Terminal Retention Force: Terminal $\geq$ 15N
Shield $\geq$ 15N
2.2 Temperature Range: -40°C- +105°C

Material

2.3 Housing: PPO
2.4 Center Pin: Copper Alloy
2.5 Outer Contact: Copper Alloy
2.6 Insulator: PP

Electrical Performance

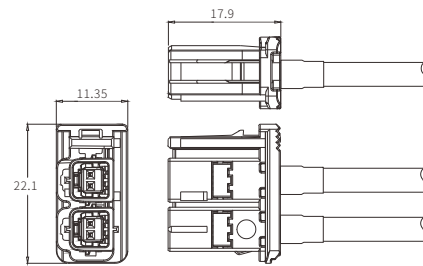
1.1 Impedance: 100 Ω
1.2 Insertion Loss: $\geq$ 23 dB (DC~600Mhz)
 $\geq$ 20 dB (DC~600Mhz)
1.3 Insulation Resistance: $\geq$ 100M Ω
1.4 Center Contact Resistance: Signal 10m Ω max
Shield 40m Ω max
1.5 Withstand Voltage: 250V DC
1.6 Voltage Rating: 60V DC
1.7 Current Rating: 3A
1.8 Transmission Rate: 1000MHz

T-ETH 2 Port Cable Connector Jack, Type A~ Type Z

D/N: 600-27246-01

● Outline Dimensions

● Technology Parameters



Mechanical Performance

- 1.9 Durability Times Cycles: ≥ 20
- 2.0 Mating Force: ≤ 30 N
- 2.1 Device Terminal Retention Force: Terminal ≥ 15 N
Shield ≥ 15 N
- 2.2 Temperature Range: -40°C ~ +105°C

Material

- 2.3 Housing: PPO
- 2.4 Center Pin: Copper Alloy
- 2.5 Outer Contact: Copper Alloy
- 2.6 Insulator: PP

Electrical Performance

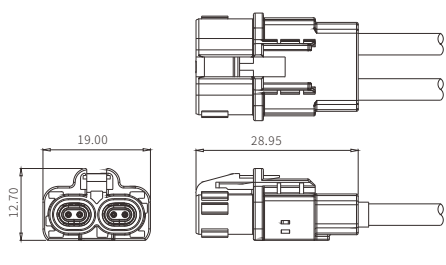
- 1.1 Impedance: 100Ω
- 1.2 Insertion Loss: ≥ 23 dB (DC~600MHz)
 ≥ 20 dB (DC~600MHz)
- 1.3 Insulation Resistance: ≥ 100 MΩ
- 1.4 Center Contact Resistance: Signal 10mΩ max
Shield 40mΩ max
- 1.5 Withstand Voltage: 250V DC
- 1.6 Voltage Rating: 60V DC
- 1.7 Current Rating: 3A
- 1.8 Transmission Rate: 1000MHz

R-ETH 2 Port Cable Connector Jack, Type A~ Type Z

D/N: 600-31824-01

● Outline Dimensions

● Technology Parameters



Material

- 2.4 Cable: Φ3.8, Black
- 2.5 Insulator: LCP
- 2.6 Insulator Lock: LCP
- 2.7 Center Pin: Titanium Copper
- 2.8 Housing: Phosphorus Copper
- 2.9 Clip Material: Phosphorus Copper
- 3.0 HousingBody: Phosphorus Copper

- 3.1 Plastic Housing: PPO
- 3.2 CPA: PPO
- 3.3 Protegulum: PA66
- 3.4 Postoperculum: PA66
- 3.5 Before Sealing Wall: Silicon Rubber
- 3.6 After Sealing Wall: Silicon Rubber

Electrical Performance

- 1.1 Impedance: 100Ω (500 ps @ 10%-90%)
- 1.2 Frequency Range: DC to 600MHz
- 1.3 Return Loss: ≤ -30 dB @ 0 ~ 190 MHz
 $\leq -20 + 20 \log_{10}$ (freq in MHz/600) dB @ 190 MHz ~ 600MHz
- 1.4 Insertion Loss: $\geq -0.01 \times \sqrt{\text{freq in MHz}}$ dB @ 0 ~ 600 MHz
- 1.5 Center Contact Resistance: ≤ 25 mΩ
- 1.6 Withstanding Voltage: 500V DC
- 1.7 Working Voltage: 12V DC
- 1.8 Current Rating: ≤ 1.5 A DC
- 1.9 Insulation Resistance: ≥ 100 MΩ

Mechanical Performance

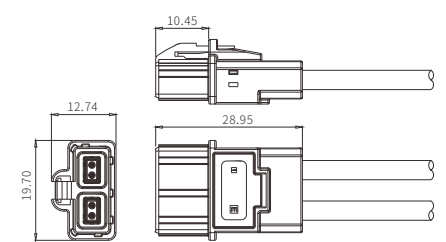
- 2.0 Mating Cycles: ≥ 25 Times
- 2.1 Mating Force: ≤ 75 N
- 2.2 Unmating Force: ≥ 2 N
- 2.3 Rentention Force Housing: ≥ 110 N

A-ETH 2 Port Cable Connector Jack, Type A~ Type Z

D/N: 600-26940-01

● Outline Dimensions

● Technology Parameters



Material

- 2.4 Cable: Φ3.8, Black
- 2.5 Insulator: LCP
- 2.6 Insulator Lock: LCP
- 2.7 Center Pin: Titanium Copper
- 2.8 Housing: Phosphorus Copper
- 2.9 Clip Material: Phosphorus Copper
- 3.0 HousingBody: Phosphorus Copper

- 3.1 Plastic Housing: PPO
- 3.2 CPA: PPO
- 3.3 Protegulum: PA66
- 3.4 Postoperculum: PA66
- 3.5 Before Sealing Wall: Silicon Rubber
- 3.6 After Sealing Wall: Silicon Rubber

Electrical Performance

- 1.1 Impedance: 100Ω (500 ps @ 10%-90%)
- 1.2 Frequency Range: DC to 600MHz
- 1.3 Return Loss: ≤ -30 dB @ 0 ~ 190 MHz
 $\leq -20 + 20 \log_{10}$ (freq in MHz/600) dB @ 190 MHz ~ 600MHz
- 1.4 Insertion Loss: $\geq -0.01 \times \sqrt{\text{freq in MHz}}$ dB @ 0 ~ 600 MHz
- 1.5 Center Contact Resistance: ≤ 25 mΩ
- 1.6 Withstanding Voltage: 500V DC
- 1.7 Working Voltage: 12V DC
- 1.8 Current Rating: ≤ 1.5 A DC
- 1.9 Insulation Resistance: ≥ 100 MΩ

Mechanical Performance

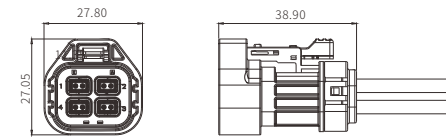
- 2.0 Mating Cycles: ≥ 25 Times
- 2.1 Mating Force: ≤ 75 N
- 2.2 Unmating Force: ≥ 2 N
- 2.3 Rentention Force Housing: ≥ 110 N

A-ETH 2x2 Port Cable Connector Jack Sealed, Type A~ Type Z

D/N: 600-18060-01

● Outline Dimensions

● Technology Parameters



A	Deep Black	818018059
B	Cream White	818018060
C	Signal Blue	818018061
D	Claret Violet	818018062
E	Leaf Green	818018102
F	Nut Brown	-
G	Blue Gray	-
H	Heather Violet	-
J	Beige	-
K	Curry	-
L	Carmines Red	-
M	Pastel Orange	-
N	Pastel Green	-
Z	Water Blue	818018063
Keying Code	Color	Part No.

Material

- 2.4 Cable: Φ3.8, Black
- 2.5 Insulator: LCP
- 2.6 Insulator Lock: LCP
- 2.7 Center Pin: Titanium Copper
- 2.8 Housing: Phosphorus Copper
- 2.9 Clip Material: Phosphorus Copper
- 3.0 HousingBody: Phosphorus Copper

- 3.1 Plastic Housing: PPO
- 3.2 CPA: PPO
- 3.3 Protegulum: PA66
- 3.4 Postoperculum: PA66
- 3.5 Before Sealing Wall: Silicon Rubber
- 3.6 After Sealing Wall: Silicon Rubber

Electrical Performance

- 1.1 Impedance: 100Ω (500 ps @ 10%-90%)
- 1.2 Frequency Range: DC to 600MHz
- 1.3 Return Loss: ≤ -30 dB @ 0 ~ 190 MHz
 $\leq -20 + 20 \log_{10}$ (freq in MHz/600) dB @ 190 MHz ~ 600MHz
- 1.4 Insertion Loss: $\geq -0.01 \times \sqrt{\text{freq in MHz}}$ dB @ 0 ~ 600 MHz
- 1.5 Center Contact Resistance: ≤ 25 mΩ
- 1.6 Withstanding Voltage: 500V DC
- 1.7 Working Voltage: 12V DC
- 1.8 Current Rating: ≤ 1.5 A DC
- 1.9 Insulation Resistance: ≥ 100 MΩ

Mechanical Performance

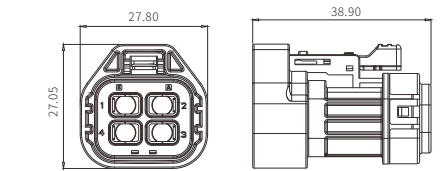
- 2.0 Mating Cycles: ≥ 25 Times
- 2.1 Mating Force: ≤ 75 N
- 2.2 Unmating Force: ≥ 2 N
- 2.3 Rentention Force Housing: ≥ 110 N

A-ETH 2x2 Port Cable Connector Jack Sealed, Type Z

D/N: 600-22794-01

● Outline Dimensions

● Technology Parameters



Mechanical Performance

- 1.1 High temperature exposure: USCAR-2 5.6.3
- 1.2 Temperature and Humidity Cycling: USCAR-2 5.6.2
- 1.3 Fluid Resistance: ISO16750-5
- 1.4 Dust Test: IEC60529
- 1.5 Water Tightness: USCAR-2 5.6.5
- 1.6 Waterproofing Grade: IP67

Materials

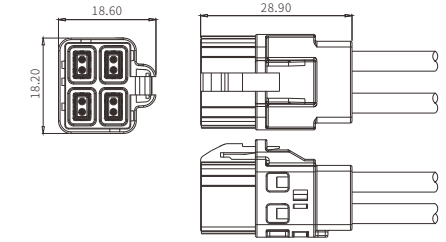
- 1.7 Plug: PTFE
- 1.8 CPA: PPO
- 1.9 Plastic Housing: PPO
- 2.0 Postoperculum: PA66
- 2.1 Protegulum: PA66
- 2.2 Before Sealing Wall: Silica Gel
- 2.3 After Sealing Wall: Silica Gel

A-ETH 2x2 Port Cable Connector Jack, Type A~ Type Z

D/N: 600-27171-01

● Outline Dimensions

● Technology Parameters



A	Deep Black	818027171
B	Cream White	818027172
C	Signal Blue	818027173
D	Claret Violet	818027174
E	Leaf Green	818027175
F	Nut Brown	818027176
G	Blue Gray	-
H	Heather Violet	-
J	Beige	-
K	Curry	-
L	Carmines Red	-
M	Pastel Orange	-
N	Pastel Green	-
Z	Water Blue	818027177
Keying Code	Color	Part No.

Material

- 2.4 Cable: Φ3.8, Black
- 2.5 Insulator: LCP
- 2.6 Center Pin: Titanium Copper
- 2.7 Housing: Phosphorus Copper
- 2.8 Plastic Housing: PPO

- 2.9 Insulator Lock: LCP
- 3.0 Clip Material: Phosphorus Copper
- 3.1 HousingBody: Phosphorus Copper
- 3.2 Lock: PPO

Electrical Performance

- 1.1 Impedance: 100Ω (500 ps @ 10%-90%)
- 1.2 Frequency Range: DC to 600MHz
- 1.3 Return Loss: ≤ -30 dB @ 0 ~ 190 MHz
 $\leq -20 + 20 \log_{10}$ (freq in MHz/600) dB @ 190 MHz ~ 600MHz
- 1.4 Insertion Loss: $\geq -0.01 \times \sqrt{\text{freq in MHz}}$ dB @ 0 ~ 600 MHz
- 1.5 Center Contact Resistance: ≤ 25 mΩ
- 1.6 Withstanding Voltage: 500V DC
- 1.7 Working Voltage: 12V DC
- 1.8 Current Rating: ≤ 1.5 A DC
- 1.9 Insulation Resistance: ≥ 100 MΩ

Mechanical Performance

- 2.0 Mating Cycles: ≥ 25 Times
- 2.1 Mating Force: ≤ 75 N
- 2.2 Unmating Force: ≥ 2 N
- 2.3 Rentention Force Housing: ≥ 110 N

A-ETH 2x3 Port Cable Connector Jack, Type A~ Type Z

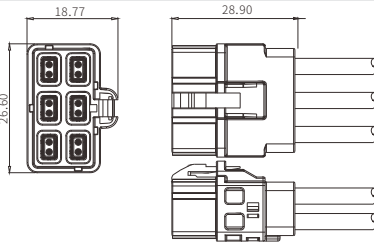
D/N: 600-29068-01

● Outline Dimensions

● Technology Parameters



A	Deep Black	818029066
B	Cream White	818029067
C	Signal Blue	-
D	Claret Violet	-
E	Leaf Green	-
F	Nut Brown	-
G	Blue Gray	-
H	Heather Violet	-
J	Beige	-
K	Curry	-
L	Carmine Red	-
M	Pastel Orange	-
N	Pastel Green	-
Z	Water Blue	818029068
Keying Code	Color	Part No.



Material

2.4 Cable: Φ3.8, Black
2.5 Insulator: LCP
2.6 Insulator Lock: LCP
2.7 Center Pin: Titanium Copper
2.8 Housing: Phosphorus Copper
2.9 Clip Material: Phosphorus Copper
3.0 Housing Body: Phosphorus Copper

Material

3.1 Plastic Housing: PPO
3.2 CPA: PPO
3.3 Protegulum: PA66
3.4 Postoperculum: PA66
3.5 Before Sealing Wall: Silicon Rubber
3.6 After Sealing Wall: Silicon Rubber

Electrical Performance

1.1 Impedance: 100Ω (500 ps @ 10%-90%)
1.2 Frequency Range: DC to 600MHz
1.3 Return Loss: ≤ -30 dB @ 0 ~ 190 MHz
≤ -20 + 20*log10 (freq in MHz/600) dB @ 190 MHz ~ 600MHz
1.4 Insertion Loss: ≥ -0.01*sqrt (freq in MHz) dB @ 0 ~ 600 MHz
1.5 Center Contact Resistance: ≤ 25 mΩ
1.6 Withstanding Voltage: 500V DC
1.7 Working Voltage: 12V DC
1.8 Current Rating: ≤ 1.5A DC
1.9 Insulation Resistance: ≥ 100MΩ

Mechanical Performance

2.0 Mating Cycles: ≥ 25Times
2.1 Mating Force: ≤ 75N
2.2 Unmating Force: ≥ 2 N
2.3 Retention Force Housing: ≥ 110 N

T-ETH 5 Port Cable Connector Jack, Type A~ Type Z

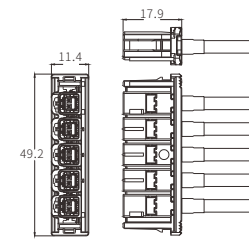
D/N: 600-31681-01

● Outline Dimensions

● Technology Parameters



A	Deep Black	818031681
B	Cream White	818031684
C	Signal Blue	818031685
D	Claret Violet	-
E	Leaf Green	-
F	Nut Brown	-
G	Blue Gray	-
H	Heather Violet	-
J	Beige	818031686
K	Curry	-
L	Carmine Red	-
M	Pastel Orange	-
N	Pastel Green	-
Z	Water Blue	818031687
Keying Code	Color	Part No.



Mechanical Performance

1.9 Durability Times Cycles: ≥ 20
2.0 Mating Force: ≤ 30 N
2.1 Device Terminal Retention Force: Terminal ≥ 15N
Shield ≥ 15N
2.2 Temperature Range: -40°C ~ +105°C

Material

2.3 Housing: PPO
2.4 Center Pin: Copper Alloy
2.5 Outer Contact: Copper Alloy
2.6 Insulator: PP

Electrical Performance

1.1 Impedance: 100Ω
1.2 Insertion Loss: ≥ 23 dB (DC~600MHz)
≥ 20 dB (DC~600MHz)
1.3 Insulation Resistance: ≥ 100MΩ
1.4 Center Contact Resistance: Signal 10mΩ max
Shield 40mΩ max
1.5 Withstand Voltage: 250V DC
1.6 Voltage Rating: 60V DC
1.7 Current Rating: 3A
1.8 Transmission Rate: 1000MHz

T-ETH 2x3 Port Cable Connector Jack, Type A~ Type Z

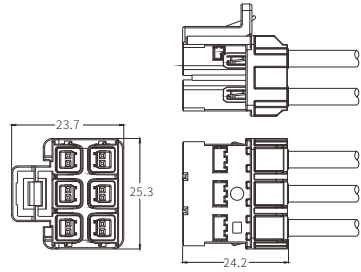
D/N: 600-27251-01

● Outline Dimensions

● Technology Parameters



A	Deep Black	818027251
B	Cream White	818027252
C	Signal Blue	818027253
D	Claret Violet	-
E	Leaf Green	-
F	Nut Brown	-
G	Blue Gray	-
H	Heather Violet	-
J	Beige	818027254
K	Curry	-
L	Carmine Red	-
M	Pastel Orange	-
N	Pastel Green	-
Z	Water Blue	818027255
Keying Code	Color	Part No.



Mechanical Performance

1.9 Durability Times Cycles: ≥ 20
2.0 Mating Force: ≤ 30 N
2.1 Device Terminal Retention Force: Terminal ≥ 15N
Shield ≥ 15N
2.2 Temperature Range: -40°C ~ +105°C

Material

2.3 Housing: PPO
2.4 Center Pin: Copper Alloy
2.5 Outer Contact: Copper Alloy
2.6 Insulator: PP

Electrical Performance

1.1 Impedance: 100Ω
1.2 Insertion Loss: ≥ 23 dB (DC~600MHz)
≥ 20 dB (DC~600MHz)
1.3 Insulation Resistance: ≥ 100MΩ
1.4 Center Contact Resistance: Signal 10mΩ max
Shield 40mΩ max
1.5 Withstand Voltage: 250V DC
1.6 Voltage Rating: 60V DC
1.7 Current Rating: 3A
1.8 Transmission Rate: 1000MHz

R-ETH 4 Port Cable Connector Jack, Type A~ Type Z

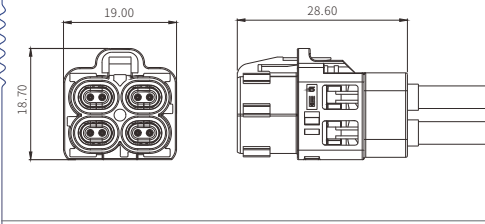
D/N: 600-34901-01

● Outline Dimensions

● Technology Parameters



A	Deep Black	818034895
B	Cream White	818034896
C	Signal Blue	818034897
D	Date Red	818034898
E	Leaf Green	818034899
F	Nut Brown	818034900
Z	Water Blue	818034901
G	Blue Gray	818034902
H	Heather Violet	818034903
J	Beige	818034904
K	Curry	818034905
L	Carmine Red	818034906
M	Pastel Orange	818034907
O	Pastel Green	818034908
Keying Code	Color	Part No.



Mechanical Performance

1.9 Mating Cycles: ≥ 25 (times)
2.0 Mating Force: ≤ 75 N
2.1 Unmating Force: 2N ≤ F ≤ 75 N
2.2 Retention Force Housing: ≥ 110 N

Material

2.4 Cable: Φ3.8, Black
2.5 Insulator: LCP
2.6 Center Pin: Copper Alloy
2.7 Outer Shell: Copper Alloy
2.8 Plastic Housing: PPO
2.9 Selve: Copper Alloy
3.0 Insulator Lock: LCP
3.1 Main Body Cover: Copper Alloy
3.2 Locking: PBT

Electrical Performance

1.1 Impedance: 100 (500 ps @ 10%-90%)
1.2 Frequency: DC to 10GHz
1.3 Return Loss: ≤ -30 dB @ 0 ~ 3GHz
≤ -25 dB @ 3GHz ~ 6GHz
≤ -20 dB @ 6GHz ~ 10GHz
1.4 Center Contact Resistance: ≤ 10 mΩ
Shielding Contact Resistance: ≤ 7.5 mΩ
1.5 Withstanding Voltage: 500V DC
1.6 Rated Voltage: 60V DC
1.7 Rated Current: ≤ 1.5 A DC
1.8 Insulation Resistance: ≥ 100mΩ

T-ETH 3 Port Cable Connector Jack, Type A~ Type Z

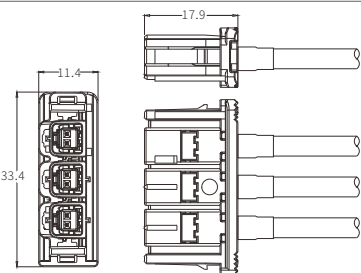
D/N: 600-25309-01

● Outline Dimensions

● Technology Parameters



A	Deep Black	818025309
B	Cream White	818025310
C	Signal Blue	818025311
D	Claret Violet	-
E	Leaf Green	-
F	Nut Brown	-
G	Blue Gray	-
H	Heather Violet	-
J	Beige	818025312
K	Curry	-
L	Carmine Red	-
M	Pastel Orange	-
N	Pastel Green	-
Z	Water Blue	818025313
Keying Code	Color	Part No.



Mechanical Performance

1.9 Durability Times Cycles: ≥ 20
2.0 Mating Force: ≤ 30 N
2.1 Device Terminal Retention Force: Terminal ≥ 15N
Shield ≥ 15N
2.2 Temperature Range: -40°C ~ +105°C

Material

2.3 Housing: PPO
2.4 Center Pin: Copper Alloy
2.5 Outer Contact: Copper Alloy
2.6 Insulator: PP

Electrical Performance

1.1 Impedance: 100Ω
1.2 Insertion Loss: ≥ 23 dB (DC~600MHz)
≥ 20 dB (DC~600MHz)
1.3 Insulation Resistance: ≥ 100MΩ
1.4 Center Contact Resistance: Signal 10mΩ max
Shield 40mΩ max
1.5 Withstand Voltage: 250V DC
1.6 Voltage Rating: 60V DC
1.7 Current Rating: 3A
1.8 Transmission Rate: 1000MHz

R-ETH 6 Port Cable Connector Jack, Type A~ Type Z

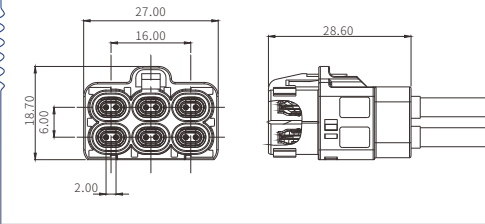
D/N: 600-35072-01

● Outline Dimensions

● Technology Parameters



A	Deep Black	818035072
B	Cream White	818035073
C	Signal Blue	818035074
D	Date Red	818035075
E	Leaf Green	818035076
F	Nut Brown	818035077
Z	Water Blue	818036611
G	Blue Gray	818035078
H	Heather Violet	818035079
J	Beige	818035080
K	Curry	818035081
L	Carmine Red	818035082
M	Pastel Orange	818035083
O	Pastel Green	818036612
Keying Code	Color	Part No.



Material

2.4 Cable: Φ3.8, Black
2.5 Insulator: LCP
2.6 Center Pin: Copper Alloy
2.7 Outer Shell: Copper Alloy
2.8 Plastic Housing: PPO

2.9 Selve: Copper Alloy
3.0 Insulator Lock: LCP
3.1 Main Body Cover: Copper Alloy
3.2 Locking: PBT

Electrical Performance

1.1 Impedance: 100 (500 ps @ 10%-90%)
1.2 Frequency: DC to 10GHz
1.3 Return Loss: ≤ -30 dB @ 0 ~ 3GHz
≤ -25 dB @ 3GHz ~ 6GHz
≤ -20 dB @ 6GHz ~ 10GHz
1.4 Center Contact Resistance: ≤ 10 mΩ
Shielding Contact Resistance: ≤ 7.5 mΩ
1.5 Withstanding Voltage: 500V DC
1.6 Rated Voltage: 60V DC
1.7 Rated Current: ≤ 1.5 A DC
1.8 Insulation Resistance: ≥ 100mΩ

Mechanical Performance

1.9 Mating Cycles: ≥ 25 (times)
2.0 Mating Force: ≤ 75 N
2.1 Unmating Force: 2N ≤ F ≤ 75 N
2.2 Retention Force Housing: ≥ 110 N

T-ETH 4Port Cable Connector Jack, Type A~ Type B

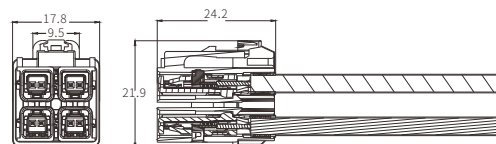
D/N: 600-47687-01

● Outline Dimensions

● Technology Parameters



A	黑色9005	818047687
B	白色9001	818047688
C	蓝色5005	-
D	枣红色4004	-
E	绿色6002	-
F	棕色8011	-
G	灰色7031	-
H	紫罗兰4003	-
J	米黄色1001	-
K	咖啡色1027	-
L	胭脂红3002	-
M	粉橙色2003	-
N	靛蓝绿色6019	-
Z	水蓝色5021	-
Keying Code	Color	Part No.



Materials

- 2.2 Housing: PPO
- 2.3 Center Pin: Copper Alloy
- 2.4 Outer Contact: Copper Alloy
- 2.5 Insulator: PP

Electrical Performance

- 1.1 Impedance: 100Ω
- 1.2 Insertion Loss:
 - ≥ 23 dB (DC~600Mhz)
 - ≥ 20 dB (DC~600Mhz)
- 1.3 Insulation Resistance: ≥ 100MΩ
- 1.4 Contact Resistance:
 - Signal 10mΩmax
 - Shield 40mΩmax
- 1.5 Withstand Voltage: 500V DC
- 1.6 Rated Voltage: 60V DC
- 1.7 Rated Current: 3A

Mechanical Performance

- 1.8 Mating Cycles: ≥ 20 Cycles
- 1.9 Mating /Unmating Force: ≤ 30N
- 2.0 Device terminal Retention Force:
 - Terminal ≥ 15N
 - Shielded ≥ 15N
- 2.1 Temperature Range:
 - 40°C~+105°C

D-ETH 1Port Cable Connector Jack, Type A~ Type F

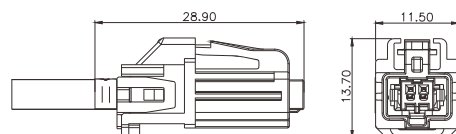
D/N: 600-45109-01

● Outline Dimensions

● Technology Parameters



A	黑色9005	818045109
B	白色9001	818045110
C	蓝色5005	818045111
D	枣红色4004	818045112
E	绿色6002	818045113
F	棕色8011	818045114
Shield		
A	黑色9005	818045115
B	白色9001	818045116
C	蓝色5005	818045117
D	枣红色4004	818045118
E	绿色6002	818045119
F	棕色8011	818045120
Unshield		
Keying Code	Color	Part No.



Materials

- 2.4 Cable: Φ3.9, Black/Φ4.1, Black
- 2.5 Insulator: PBT
- 2.6 Center Pin: Copper Alloy
- 2.7 Plastic Housing: PPO
- 2.8 Plastic Cover: PPO
- 2.9 Shielding shell: Copper Alloy

Electrical Performance

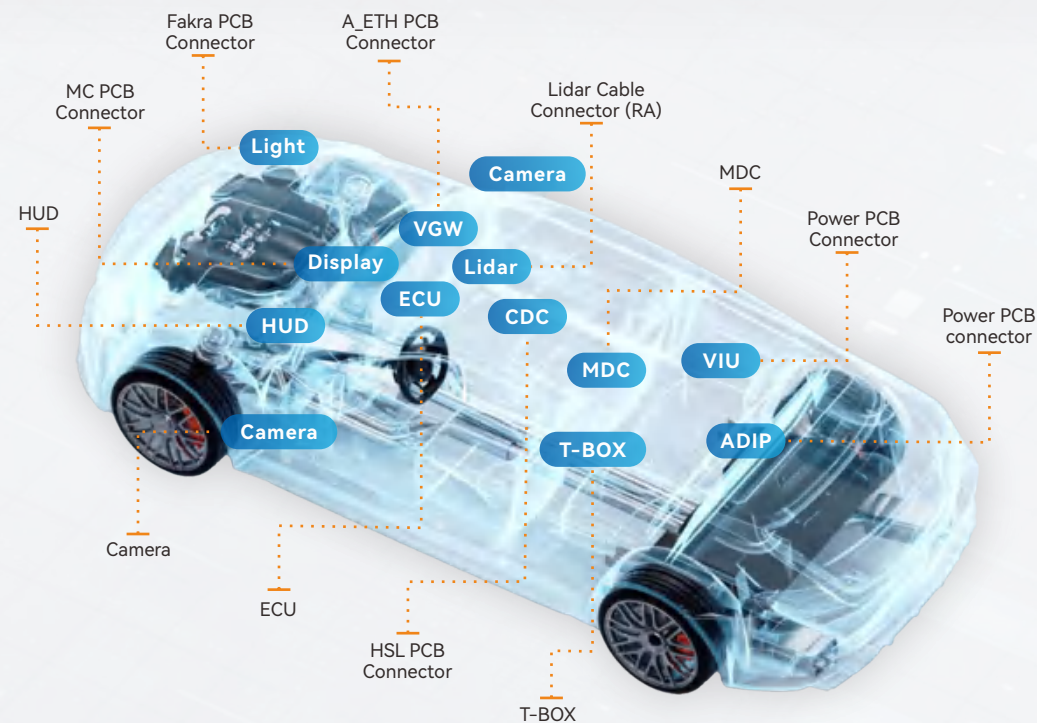
- 1.1 Impedance:
 - 100 (500 ps @ 10%-90%)
- 1.2 Frequency: DC to 10GHz
- 1.3 Return Loss:
 - ≤ -30 dB @ 0 ~ 3GHz
 - ≤ -25 dB @ 3GHz ~ 6GHz
 - ≤ -20 dB @ 6GHz ~ 10GHz
- 1.4 Center Contact Resistance: ≤ 10 mΩ
- Shielding Contact Resistance:
 - ≤ 7.5 mΩ
- 1.5 Withstanding Voltage: 500V DC
- 1.6 Rated Voltage: 60V DC
- 1.7 Rated Current: ≤ 1.5 A DC
- 1.8 Insulation Resistance: ≥ 100mΩ

Mechanical Performance

- 1.9 Mating Cycles: ≥ 25 (times)
- 2.0 Mating Force: ≤ 75 N
- 2.1 Unmating Force: 2N ≤ F ≤ 75 N
- 2.2 Retention Force Housing: ≥ 110 N

USB Connector Series

07



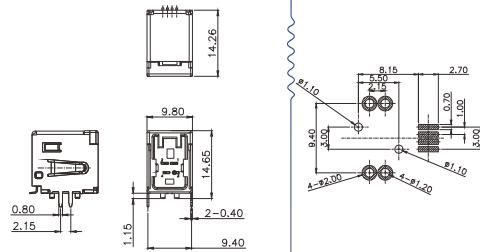
4 Pin, HSL Receptacle, R/A, SMT for PCB

D/N: 600-40932-01

● Outline Dimensions

● PCB Layout

● Technology Parameters



Part Number Table

P/N	818040932	818040933	818040934	818040935
Code	Type A	Type B	Type C	Type D
Image				

Electrical Performance

- 1.1 Impedance: 90Ω
- 1.2 LLCR: 30m ohms
- 1.3 Contact Current: ≤ 2.5 A DC

Mechanical Performance

- 1.3 Mating Cycles: ≥ 20 Cycles
- 1.4 Mating Force: ≤ 60N
- 1.5 Disengagement Force: ≤ 60 N
- 1.6 Retention Force Latch: ≥ 98 N
- 1.7 Temperature Range: -40 °C ~ +85 °C

Material

- 1.8 Housing: Phosphorus Copper
- 1.9 Body: PPA
- 2.0 Long Contactor: Copper Alloy
- 2.1 Short Contactor: Copper Alloy

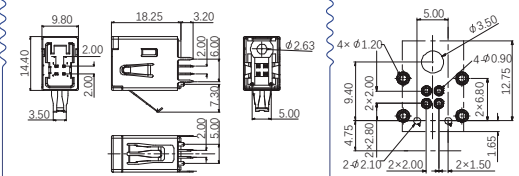
4 Pin, HSL Receptacle , V/T, DIP for PCB

D/N: 600-13610-01

● Outline Dimensions

● PCB Layout

● Technology Parameters



Part Number Table

P/N	818013610	818013611	818013612	818013613	818013614	818015733
Code	Type A	Type B	Type C	Type D	Type E	Type F
Image						

Electrical Performance

- 1.1 Impedance: 90Ω
- 1.2 LLCR: 30m ohms
- 1.3 Contact Current: ≤ 2.5 A DC

Mechanical Performance

- 1.3 Mating Cycles: ≥ 20 Cycles
- 1.4 Mating Force: ≤ 60N
- 1.5 Disengagement Force: ≤ 60 N
- 1.6 Retention Force Latch: ≥ 98 N
- 1.7 Temperature Range: -40 °C ~ +85 °C

Material

- 1.8 Housing: Phosphorus Copper
- 1.9 Body: PPA
- 2.0 Terminal: Copper Alloy

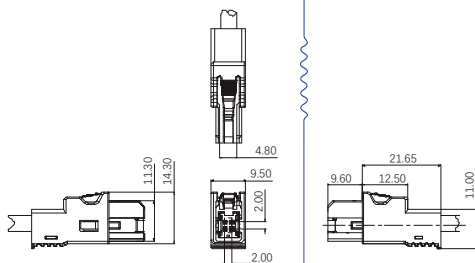
4 Pin, HSL Jack, V/A for Cable

D/N: 600-13272-01

● Outline Dimensions

● PCB Layout

● Technology Parameters



Part Number Table

P/N	818013272	818013273	818013274	818013275	818013276	818015734
Code	Type A	Type B	Type C	Type D	Type E	Type F
Image						

Electrical Performance

- 1.1 Impedance: 90Ω
- 1.2 LLCR: 30m ohms
- 1.3 Contact Current: ≤ 2.5 A DC

Mechanical Performance

- 1.3 Mating Cycles: ≥ 20 Cycles
- 1.4 Mating Force: ≤ 60N
- 1.5 Disengagement Force: ≤ 60 N
- 1.6 Retention Force Latch: ≥ 98 N
- 1.7 Temperature Range: 40 °C ~ +85 °C

Material

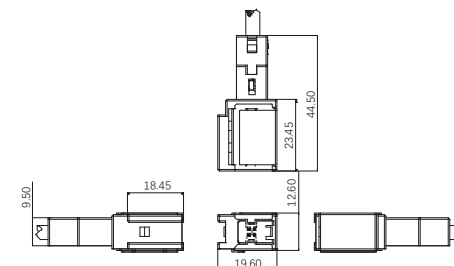
- 1.8 Housing: PBT
- 1.9 Shield: Copper Alloy
- 2.0 Shield Covert: Copper Alloy
- 2.1 Terminal: Copper Alloy
- 2.2 Body: PBT
- 2.3 Locking Plate: Stainless Steel

4 Pin, HSL Receptacle, V/A for Cable

D/N: 600-13502-01

● Outline Dimensions

● Technology Parameters



Part Number Table

P/N	818013502	818013503	818013504	818013505	818013506
Code	Type A	Type B	Type C	Type D	Type E
Image					

Electrical Performance

- 1.1 Impedance: 90 Ω
- 1.2 LLCR: 30m ohms
- 1.3 Contact Current: ≤ 2.5 A DC

Mechanical Performance

- 1.4 Mating Cycles: ≥ 20 Cycles
- 1.5 Engagement Force: ≤ 60N
- 1.6 Disengagement Force: ≤ 60 N
- 1.7 Retention Force Latch: ≥ 98 N
- 1.8 Temperature Range: -40 °C ~ +85 °C

Materials

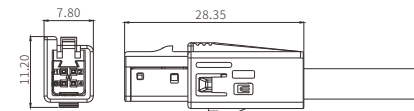
- 1.9 Shield Shroud: Copper Alloy
- 2.0 Base: PPA
- 2.1 Contactor: Copper Alloy
- 2.2 Cover: PBT
- 2.3 Intershiel: Copper Alloy
- 2.4 Intershiel Cover: Copper Alloy
- 2.5 Terminal: Copper Alloy
- 2.6 Base: PBT
- 2.7 Fiol: Copper Alloy

4 Pin Jack, L=28.35mm, W7.8mm, H11.2mm, Type S~ Type D

D/N: 600-21307-01

● Outline Dimensions

● Technology Parameters



S	Blue Gray	818021307
A	Nut Brown	818021308
B	Leaf Green	818021309
C	Signal Blue	818021310
D	Deep Black	818021311
F	-	-
G	-	-
H	-	-
J	-	-
K	-	-
L	-	-
M	-	-
N	-	-
Z	-	-
Keying Code	Color	Part No.

Material

- 2.3 Housing: PPO
- 2.4 Center Terminal: Copper Alloy
- 2.5 Insulator: PBT
- 2.6 Outer Contact: Copper Alloy

Mechanical Performance

- 1.9 Durability Times Cycles: ≥ 20
- 2.0 Mating Force: ≤ 45 N
- 2.1 Cable Force: Terminal ≥ 25N Shield 110N
- 2.2 Temperature Range: -40°C- +105°C

Electrical Performance

- 1.1 Impedance: 90Ω
- 1.2 Insertion Loss:
 - ≤ -1.9 dB (100Mhz)
 - ≤ -3.2 dB (200Mhz)
 - ≤ -5.8 dB (400Mhz)
- 1.3 Insulation Resistance: ≥ 100MΩ
- 1.4 Center Contact Resistance: Signal 30mΩ max Shield 60mΩ max
- 1.5 Withstand Voltage: 500V DC
- 1.6 Voltage Rating: 30V DC
- 1.7 Current Rating: 1A
- 1.8 Transmission Rate: 480Mbps

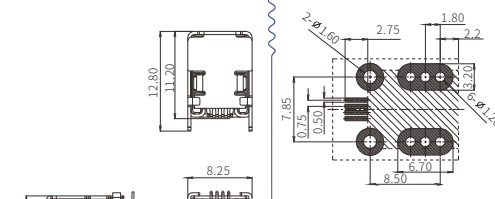
4 Pin R/A Connector, L=12.8mm, W8.3mm, H15.7mm, Type S~ Type D

D/N: 600-21312-01

● Outline Dimensions

● PCB Layout

● Technology Parameters



S	Blue Gray	818021312
A	Nut Brown	818021313
B	Leaf Green	818021314
C	Signal Blue	818021315
D	Deep Black	818021316
F	-	-
G	-	-
H	-	-
J	-	-
K	-	-
L	-	-
M	-	-
N	-	-
Z	-	-
Keying Code	Color	Part No.

Material

- 2.3 Housing: PA4T
- 2.4 Long PIN: Copper Alloy
- 2.5 Short PIN: Copper Alloy
- 2.6 Outer Contact: Copper Alloy

Electrical Performance

- 1.1 Impedance: 90Ω
- 1.2 Insertion Loss:
 - ≤ -1.9 dB (100Mhz)
 - ≤ -3.2 dB (200Mhz)
 - ≤ -5.8 dB (400Mhz)
- 1.3 Insulation Resistance: ≥ 100MΩ
- 1.4 Center Contact Resistance: Signal 30mΩ max Shield 60mΩ max
- 1.5 Withstand Voltage: 500V DC
- 1.6 Voltage Rating: 30V DC
- 1.7 Current Rating: 1A
- 1.8 Transmission Rate: 480Mbps

Mechanical Performance

- 1.9 Durability Times Cycles: ≥ 20
- 2.0 Mating Force: ≤ 45 N
- 2.1 Cable Force: Terminal ≥ 25N Shield 110N
- 2.2 Temperature Range: -40°C- +105°C

4 Pin R/A Connector, L=14.75mm, W15.45mm, H8.57mm, Type A~ Type D

D/N:600-31862-01

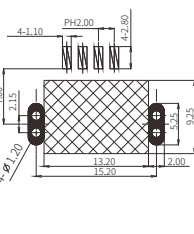
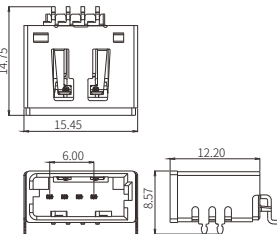
● Outline Dimensions

● PCB Layout

● Technology Parameters



A	Nut Brown	818031862
B	Leaf Green	818031863
C	Signal Blue	818031864
D	Blue Gray	818031865
E	-	-
F	-	-
G	-	-
H	-	-
J	-	-
K	-	-
L	-	-
M	-	-
N	-	-
Z	-	-
Keying Code	Color	Part No.



- Electrical Performance**
- 1.1 Impedance: 90Ω
 - 1.2 Frequency Range: DC to 480MHz
 - 1.3 Insertion Loss:
 - 200MHz, 3.2dB Max.
 - 400MHz, 5.8dB Max.
 - 1.4 Center Contact Resistance: ≤30 mΩ
 - 1.5 Outer Contact Resistance: ≤60 mΩ
 - 1.6 Voltage Rating: 30 V AC
 - 1.7 Current Rating: ≤ 1 A DC
- Mechanical Performance**
- 1.8 Mating Cycles: ≥30
 - 1.9 Mating Force: ≤ 60N
 - 2.0 Unmating Force: 5N < F ≤ 60 N
 - 2.1 Retention Force Latch: ≥ 80N
 - 2.2 Temperature Range: -40°C - +105°C
- Material**
- 2.3 Insulator: PA10T
 - 2.4 Center Pin: Copper Alloy
 - 2.5 Outer Contact: Copper Alloy

4 Pin Connector Jack, L=31.05mm, W8.7mm, H16.23mm, Type A~ Type D

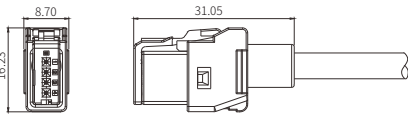
D/N:600-31866-01

● Outline Dimensions

● Technology Parameters



A	Nut Brown	818031866
B	Leaf Green	818031867
C	Signal Blue	818031868
D	Blue Gray	818031869
E	-	-
F	-	-
G	-	-
H	-	-
J	-	-
K	-	-
L	-	-
M	-	-
N	-	-
Z	-	-
Keying Code	Color	Part No.



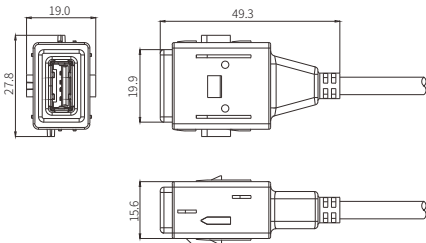
- Electrical Performance**
- 1.1 Impedance: 90Ω
 - 1.2 Frequency Range: DC to 480MHz
 - 1.3 Insertion Loss:
 - 200MHz, 3.2dB Max.
 - 400MHz, 5.8dB Max.
 - 1.4 Center Contact Resistance: ≤30 mΩ
 - 1.5 Outer Contact Resistance: ≤60 mΩ
 - 1.6 Voltage Rating: 30 V AC
 - 1.7 Current Rating: ≤ 1 A DC
- Mechanical Performance**
- 1.8 Mating Cycles: ≥30
 - 1.9 Mating Force: ≤ 60N
 - 2.0 Unmating Force: 5N < F ≤ 60 N
 - 2.1 Retention Force Latch: ≥ 80N
 - 2.2 Temperature Range: -40°C - +105°C
- Material**
- 2.3 Insulator: PBT
 - 2.4 Center Pin: Copper Alloy
 - 2.5 Outer Contact: Copper Alloy
 - 2.6 Housing: PBT

USB 2.0 A/F Connector, L = 49.3mm, W19mm, H27.8mm

D/N:600-26499-01

● Outline Dimensions

● Technology Parameters



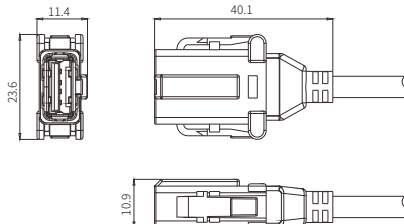
- Electrical Performance**
- 1.1 Current Rating: 1.5A
 - 1.2 Insulation Resistance: ≥1000MΩ
 - 1.3 Contact Resistance: ≤15mΩ
 - 1.4 Withstand Voltage: 500V AC 60s ≤5mA
- Mechanical Performance**
- 1.5 Mating Cycles: ≥5000
 - 1.6 Mating Force: 30N Max
 - 1.7 Unmating Force: 10N Min
 - 1.8 Temperature Range: -40°C - +105°C
- Material**
- 1.9 Plastic Housings: PVC
 - 2.0 Terminal: Phosphor Bronze

USB 2.0 A/F Connector, L = 40.1mm, W11.4mm, H23.6mm

D/N: 600-25090-01

● Outline Dimensions

● Technology Parameters



- Electrical Performance**
- 1.1 Current Rating: 1.5A
 - 1.2 Insulation Resistance: ≥1000MΩ
 - 1.3 Contact Resistance: ≤30mΩ
 - 1.4 Withstand Voltage: 500V AC 60s ≤5mA
- Mechanical Performance**
- 1.5 Mating Cycles: ≥5000
 - 1.6 Mating Force: 30N Max
 - 1.7 Unmating Force: 10N Min
 - 1.8 Temperature Range: -40°C - +105°C
- Material**
- 1.9 Plastic Housings: PVC
 - 2.0 Terminal: Phosphor Bronze

L=23.66mm, W:14.35mm,H:12.20mm,Type A~ Type Z with PCB

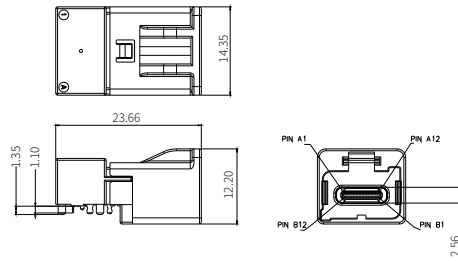
D/N: 600-43385-01

● Outline Dimensions

● Technology Parameters



A	Deep Black	818043385
B	Cream White	818045220
C	Signal Blue	818045221
D	Heather Violet	818045222
Z	Water Blue	818045223
Keying Code	Color	Part No.



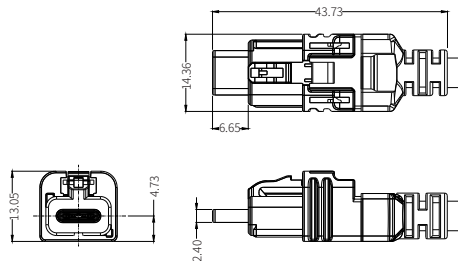
- Electrical Performance**
- 1.1 Contact Resistance: VBUS&GND PIN and other PIN: 40m Ω max. The impedance change of all PIN pins does not exceed 10m Ω
 - 1.2 Insulation Resistance: ≥100 MΩ
 - 1.3 Rated Voltage: 20 V
 - 1.4 Rated Current: 5 A
 - 1.5 Dielectric withstand voltage: AC 100V, lasting for 1 minute
- Mechanical Performance**
- 1.6 Mating Cycles: ≥50
 - 1.7 Mating Force: ≤ 50N
 - 1.8 Unmating Force: ≤ 50N
 - 1.9 Retention Force Latch: ≥ 110 N
 - 2.0 Temperature Range: -25°C - +85°C
- Material**
- 2.1 Housing: PA4T
 - 2.2 Insulator: LCP
 - 2.3 Zinc alloy shell: Zinc Alloy
 - 2.4 Stainless steel housing: Stainless Steel
 - 2.5 Middle steel plate: Stainless Steel
 - 2.6 Contact terminal t: Copper Alloy

L=43.69mm, W:14.35mm,H:13.05mm,Type A~ Type Z

D/N: 600-45905-01

● Outline Dimensions

● Technology Parameters



A	Deep Black	818045905
B	Cream White	818046647
C	Signal Blue	818046648
D	Heather Violet	818046649
Z	Water Blue	818046650
Keying Code	Color	Part No.

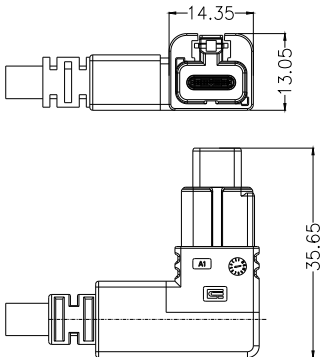
- Electrical Performance**
- 1.1 Contact Resistance: 40m ohm MAX INITIAL, 50m ohm MAX AFTER TESTING
 - 1.2 Insulation Resistance: 300V DC 20MΩ MIN FOR 10ms
 - 1.3 Rated Voltage: 20 V
 - 1.4 Rated Current: 5 A
 - 1.5 Dielectric withstand voltage: AC 100V, lasting for 1 minute
- Mechanical Performance**
- 1.6 Mating Cycles: ≥50
 - 1.7 Mating Force: ≤ 50N
 - 1.8 Unmating Force: ≤ 50N
 - 1.9 Retention Force Latch: ≥ 110 N
 - 2.0 Temperature Range: -25°C - +85°C
- Material**
- 2.1 Housing: PPO
 - 2.2 Insulator: LCP
 - 2.3 Stainless steel housing: Stainless Steel
 - 2.4 Latch: Stainless Steel
 - 2.5 Contact terminal t: Copper Alloy
 - 2.6 Molding: PVC

L=35.85mm, W:35.65mm,H:13.05mm,Type A~ Type Z

D/N: 600-45906-01

● Outline Dimensions

● Technology Parameters



A	Deep Black	818045906
B	Cream White	818046651
C	Signal Blue	818046652
D	Heather Violet	818046653
Z	Water Blue	818046654
Keying Code	Color	Part No.

- Electrical Performance**
- 1.1 Contact Resistance: 40m ohm MAX INITIAL, 50m ohm MAX AFTER TESTING
 - 1.2 Insulation Resistance: 300V DC 20MΩ MIN FOR 10ms
 - 1.3 Rated Voltage: 20 V
 - 1.4 Rated Current: 5 A
 - 1.5 Dielectric withstand voltage: AC 100V, lasting for 1 minute

- Mechanical Performance**
- 1.6 Mating Cycles: ≥ 50
 - 1.7 Mating Force: ≤ 50N
 - 1.8 Unmating Force: ≤ 50N
 - 1.9 Retention Force Latch: ≥ 110 N
 - 2.0 Temperature Range: -25 °C - +85 °C

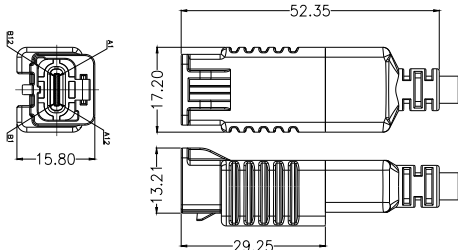
- Material**
- 2.1 Housing: PPO
 - 2.2 Insulator: LCP
 - 2.3 Stainless steel housing: Stainless Steel
 - 2.4 Latch: Stainless Steel
 - 2.5 Contact terminal t: Copper Alloy
 - 2.6 Molding: PVC

L=52.35mm, W:17.20mm,H:15.80mm,Type A~ Type Z

D/N: 600-45907-01

● Outline Dimensions

● Technology Parameters



A	Deep Black	818045907
B	Cream White	818046655
C	Signal Blue	818046656
D	Heather Violet	818046657
Z	Water Blue	818046658
Keying Code	Color	Part No.

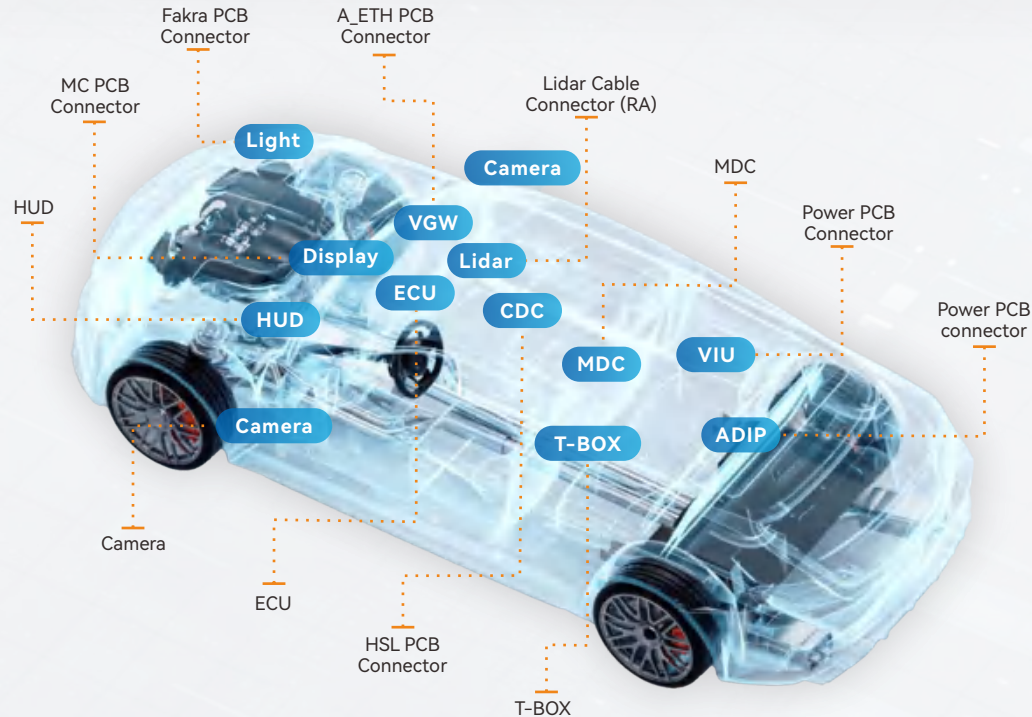
- Electrical Performance**
- 1.1 Contact Resistance: VBUS&GND PIN and other PIN: 40m Ω max. The impedance change of all PIN pins does not exceed 10m Ω
 - 1.2 Insulation Resistance: ≥ 100 MΩ
 - 1.3 Rated Voltage: 20 V
 - 1.4 Rated Current: 5 A
 - 1.5 Dielectric withstand voltage: AC 100V, lasting for 1 minute

- Mechanical Performance**
- 1.6 Mating Cycles: ≥ 50
 - 1.7 Mating Force: ≤ 50N
 - 1.8 Unmating Force: ≤ 50N
 - 1.9 Retention Force Latch: ≥ 110 N
 - 2.0 Temperature Range: -25 °C - +85 °C

- Material**
- 2.1 Housing: PPO
 - 2.2 Insulator: LCP
 - 2.3 Molding: PVC
 - 2.4 Stainless steel housing: Stainless Steel
 - 2.5 Middle steel plate: Stainless Steel
 - 2.6 Contact terminal t: Copper Alloy

SMA/SSMA/MCX/MMCX Connector Series

08



SMA PCB Connector, 1.2mm Thick PCB

D/N: 600-29084-01

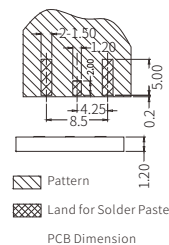
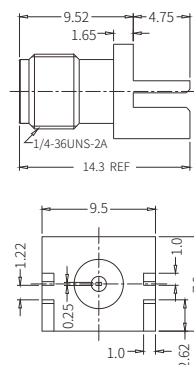
● Outline Dimensions

● PCB Layout

● Technology Parameters



THICK PCB	Part No.
1.2mm	818029084



Electrical Performance

- 1.1 Impedance: 50Ω +/-5Ω
- 1.2 Frequency: DC to 18 GHz
- 1.3 VSWR: ≤1.30
- 1.4 Insertion Loss: ≤ 0.1 x √f(GHz) dB
- 1.5 Center Contact Resistance: ≤3 mΩ
- 1.6 Outer Contact Resistance: ≤2 mΩ
- 1.7 Voltage Rating: 335 V DC
- 1.8 Insulation Resistance: >5000MΩ

Mechanical Performance

- 1.9 Mechanical Durability: ≥500
- 2.0 Coupling Mechanism: Threaded
- 2.1 Interface Specification: MIL-STD-348
- 2.2 Operation Temperature: -65 °C ~ +165 °C

Materials

- 2.3 Body: Brass C3604
- 2.4 Insulator: PTFE
- 2.5 Center Contact: Beryllium Copper

SMA PCB Connector, 1.6mm Thick PCB

D/N: 600-16437-01

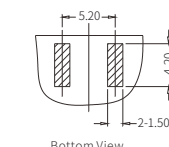
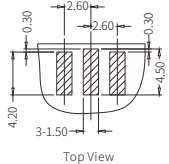
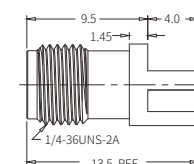
● Outline Dimensions

● PCB Layout

● Technology Parameters



THICK PCB	Part No.
1.6mm	818016437



Recommended PCB Layout

Electrical Performance

- 1.1 Impedance: 50Ω +/-5Ω
- 1.2 Frequency: DC to 6 GHz
- 1.3 VSWR: ≤1.50
- 1.4 Insertion Loss: ≤ 0.1 x √f(GHz) dB
- 1.5 Center Contact Resistance: ≤3 mΩ
- 1.6 Outer Contact Resistance: ≤2 mΩ
- 1.7 Voltage Rating: 335 V DC
- 1.8 Insulation Resistance: >5000MΩ

Mechanical Performance

- 1.9 Mechanical Durability: ≥500
- 2.0 Coupling Mechanism: Threaded
- 2.1 Interface Specification: MIL-STD-348
- 2.2 Operation Temperature: -65 °C ~ +165 °C

Materials

- 2.3 Body: Brass C3604
- 2.4 Insulator: PTFE
- 2.5 Center Contact: Beryllium Copper

SMA PCB Connector, 2.0mm Thick PCB

D/N: 600-23094-01

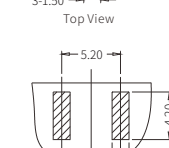
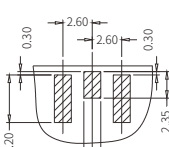
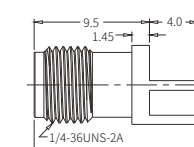
● Outline Dimensions

● PCB Layout

● Technology Parameters



THICK PCB	Part No.
2.0mm	818023094



Recommended PCB Layout

Electrical Performance

- 1.1 Impedance: 50Ω +/-5Ω
- 1.2 Frequency: DC to 6 GHz
- 1.3 VSWR: ≤1.50
- 1.4 Insertion Loss: ≤ 0.1 x √f(GHz) dB
- 1.5 Center Contact Resistance: ≤3 mΩ
- 1.6 Outer Contact Resistance: ≤2 mΩ
- 1.7 Voltage Rating: 335 V DC
- 1.8 Insulation Resistance: >5000MΩ

Mechanical Performance

- 1.9 Mechanical Durability: ≥500
- 2.0 Coupling Mechanism: Threaded
- 2.1 Interface Specification: MIL-STD-348
- 2.2 Operation Temperature: -65 °C ~ +165 °C

Materials

- 2.3 Body: Brass C3604
- 2.4 Insulator: PTFE
- 2.5 Center Contact: Beryllium Copper

SMA PCB Connector, 2 Hole Flange Mount W/Spring PIN For Stripling

D/N: 600-18238-01

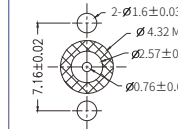
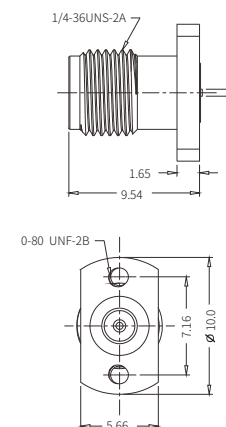
● Outline Dimensions

● PCB Layout

● Technology Parameters



PCB	Part No.
Mounting Screws	818018238



Recommended PCB Layout

Electrical Performance

- 1.1 Impedance: 50Ω +/-5Ω
- 1.2 Frequency: DC to 10 GHz
- 1.3 VSWR: ≤1.30
- 1.4 Insertion Loss: ≤ 0.1 x √f(GHz) dB
- 1.5 Center Contact Resistance: ≤3 mΩ
- 1.6 Outer Contact Resistance: ≤2 mΩ
- 1.7 Voltage Rating: 335 V DC
- 1.8 Insulation Resistance: >5000MΩ

Mechanical Performance

- 1.9 Mechanical Durability: ≥500
- 2.0 Coupling Mechanism: Threaded
- 2.1 Interface Specification: MIL-STD-348
- 2.2 Operation Temperature: -65 °C ~ +165 °C

Materials

- 2.3 Body: Brass C3604
- 2.4 Insulator: PTFE
- 2.5 Center Contact: Beryllium Copper

SMA PCB Connector, 2 Hole Flange With Mounting Screws

D/N: 600-35797-01

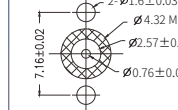
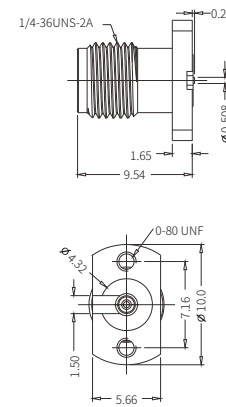
● Outline Dimensions

● PCB Layout

● Technology Parameters



PCB	Part No.
Mounting Screws	818035797



Recommended PCB Layout

Electrical Performance

- 1.1 Impedance: 50Ω +/-5Ω
- 1.2 Frequency: DC to 10 GHz
- 1.3 VSWR: ≤1.30
- 1.4 Insertion Loss: ≤ 0.1 x √f(GHz) dB
- 1.5 Center Contact Resistance: ≤3 mΩ
- 1.6 Outer Contact Resistance: ≤2 mΩ
- 1.7 Voltage Rating: 335 V DC
- 1.8 Insulation Resistance: >5000MΩ

Mechanical Performance

- 1.9 Mechanical Durability: ≥500
- 2.0 Coupling Mechanism: Threaded
- 2.1 Interface Specification: MIL-STD-348
- 2.2 Operation Temperature: -65 °C ~ +165 °C

Materials

- 2.3 Body: Brass C3604
- 2.4 Insulator: PTFE
- 2.5 Center Contact: Beryllium Copper

SMA PCB Connector, 2 Hole Flange With Mounting Screws

D/N: 600-35798-01

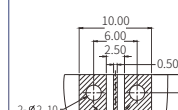
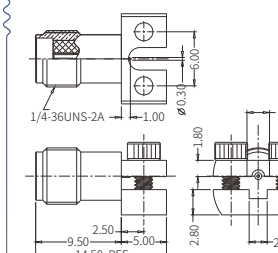
● Outline Dimensions

● PCB Layout

● Technology Parameters



PCB	Part No.
Mounting Screws	818035798



Recommended PCB Layout

Electrical Performance

- 1.1 Impedance: 50Ω +/-5Ω
- 1.2 Frequency: DC to 10 GHz
- 1.3 VSWR: ≤1.30
- 1.4 Insertion Loss: ≤ 0.1 x √f(GHz) dB
- 1.5 Center Contact Resistance: ≤3 mΩ
- 1.6 Outer Contact Resistance: ≤2 mΩ
- 1.7 Voltage Rating: 335 V DC
- 1.8 Insulation Resistance: >5000MΩ

Mechanical Performance

- 1.9 Mechanical Durability: ≥500
- 2.0 Coupling Mechanism: Threaded
- 2.1 Interface Specification: MIL-STD-348
- 2.2 Operation Temperature: -65 °C ~ +165 °C

Materials

- 2.3 Body: Brass C3604
- 2.4 Insulator: PTFE
- 2.5 Center Contact: Beryllium Copper

SMA PCB Connector, PCB End Launch

D/N: 600-24924-01

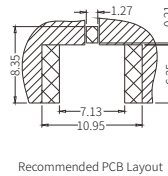
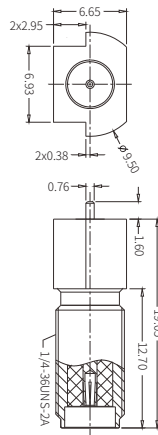
● Outline Dimensions

● PCB Layout

● Technology Parameters



PCB	Part No.
End Launch	818024924



Electrical Performance

- 1.1 Impedance: 50Ω +/-5Ω
- 1.2 Frequency: DC to 18 GHz
- 1.3 VSWR: ≤1.30
- 1.4 Insertion Loss: ≤ 0.1 x √f(GHz) dB
- 1.5 Center Contact Resistance: ≤3 mΩ
- 1.6 Outer Contact Resistance: ≤2 mΩ
- 1.7 Voltage Rating: 335 V DC
- 1.8 Insulation Resistance: >5000MΩ

Mechanical Performance

- 1.9 Mechanical Durability: ≥500
- 2.0 Coupling Mechanism: Threaded
- 2.1 Interface Specification: MIL-STD-348
- 2.2 Operation Temperature: -65 °C ~ +165 °C

Materials

- 2.3 Body: Brass C3604
- 2.4 Insulator: PTFE
- 2.5 Center Contact: Beryllium Copper

SMA Jack for PCB Connector, PCB Through Hole

D/N: 600-02778-01

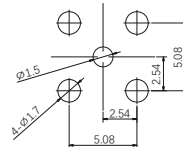
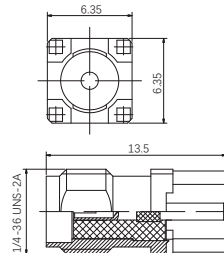
● Outline Dimensions

● PCB Layout

● Technology Parameters



PCB	Part No.
Through Hole	818002778



Electrical Performance

- 1.1 Impedance: 50Ω
- 1.2 Insulation Resistance: ≥5000MΩ
- 1.3 Contact Resistance: Center Contact: 2mΩ Max
- 1.4 The test voltage: 1000V rms

Mechanical Performance

- 1.5 Mechanical Durability: ≥ 500 Cycles
- 1.6 Operation Temperature: -40 °C ~ +105 °C

Materials

- 1.7 Outside Shielding Shell: Zinc Alloy
- 1.8 Insulator: PTFE
- 1.9 Center Contact: Copper Alloy

SMA PCB Connector, PCB Through Hole

D/N: 600-16386-01

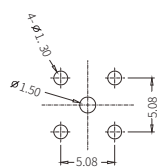
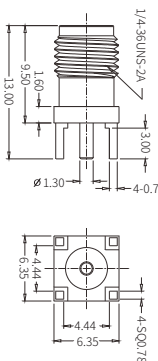
● Outline Dimensions

● PCB Layout

● Technology Parameters



PCB	Part No.
Through Hole	818016386



Electrical Performance

- 1.1 Impedance: 50Ω +/-5Ω
- 1.2 Frequency: DC to 6 GHz
- 1.3 VSWR: ≤1.30
- 1.4 Insertion Loss: ≤ 0.1 x √f(GHz) dB
- 1.5 Center Contact Resistance: ≤3 mΩ
- 1.6 Outer Contact Resistance: ≤2 mΩ
- 1.7 Voltage Rating: 335 V DC
- 1.8 Insulation Resistance: >5000MΩ

Mechanical Performance

- 1.9 Mechanical Durability: ≥500
- 2.0 Coupling Mechanism: Threaded
- 2.1 Interface Specification: MIL-STD-348
- 2.2 Operation Temperature: -65 °C ~ +165 °C

Materials

- 2.3 Body: Brass C3604
- 2.4 Insulator: PTFE
- 2.5 Center Contact: Beryllium Copper

SMA PCB Connector, PCB Through Hole

D/N: 600-U245-01

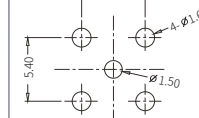
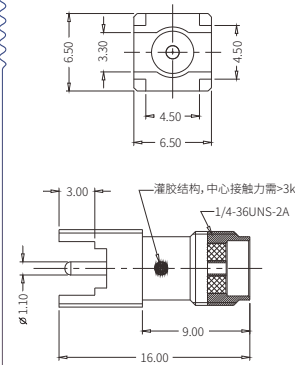
● Outline Dimensions

● PCB Layout

● Technology Parameters



PCB	Part No.
Through Hole	81800U245



Electrical Performance

- 1.1 Impedance: 50Ω +/-5Ω
- 1.2 Frequency: DC to 6 GHz
- 1.3 VSWR: ≤1.30
- 1.4 Insertion Loss: ≤ 0.1 x √f(GHz) dB
- 1.5 Center Contact Resistance: ≤3 mΩ
- 1.6 Outer Contact Resistance: ≤2 mΩ
- 1.7 Voltage Rating: 335 V DC
- 1.8 Insulation Resistance: >5000MΩ

Mechanical Performance

- 1.9 Mechanical Durability: ≥500
- 2.0 Coupling Mechanism: Threaded
- 2.1 Interface Specification: MIL-STD-348
- 2.2 Operation Temperature: -65 °C ~ +165 °C

Materials

- 2.3 Body: Brass C3604
- 2.4 Insulator: PTFE
- 2.5 Center Contact: Beryllium Copper

SMA PCB Connector, PCB Through Hole

D/N: 600-2020-01

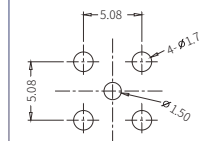
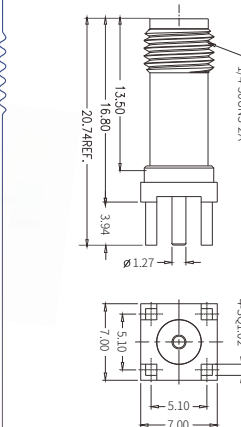
● Outline Dimensions

● PCB Layout

● Technology Parameters



PCB	Part No.
Through Hole	818002020



Electrical Performance

- 1.1 Impedance: 50Ω +/-5Ω
- 1.2 Frequency: DC to 6 GHz
- 1.3 VSWR: ≤1.4
- 1.4 Insertion Loss: ≤ 0.1 x √f(GHz) dB
- 1.5 Center Contact Resistance: ≤3 mΩ
- 1.6 Outer Contact Resistance: ≤2 mΩ
- 1.7 Voltage Rating: 335 V DC
- 1.8 Insulation Resistance: >5000MΩ

Mechanical Performance

- 1.9 Mechanical Durability: ≥500
- 2.0 Coupling Mechanism: Threaded
- 2.1 Interface Specification: MIL-STD-348
- 2.2 Operation Temperature: -65 °C ~ +165 °C

Materials

- 2.3 Body: Brass C3604
- 2.4 Insulator: PTFE
- 2.5 Center Contact: Beryllium Copper

SMA PCB Connector, PCB Through Hole

D/N: 600-38450-01

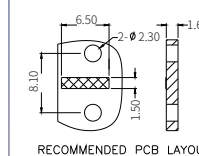
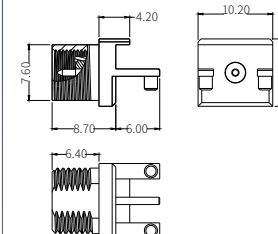
● Outline Dimensions

● PCB Layout

● Technology Parameters



PCB	Part No.
Through Hole	818038450



Electrical Performance

- 1.1 Impedance: 50Ω +/-5Ω
- 1.2 Frequency: DC to 6 GHz
- 1.3 VSWR: ≤1.3
- 1.4 Insertion Loss: ≤ 0.1 x √f(GHz) dB
- 1.5 Center Contact Resistance: ≤3 mΩ
- 1.6 Outer Contact Resistance: ≤2 mΩ
- 1.7 Voltage Rating: 335 V DC
- 1.8 Insulation Resistance: >5000MΩ

Mechanical Performance

- 1.9 Mechanical Durability: ≥500
- 2.0 Coupling Mechanism: Threaded
- 2.1 Interface Specification: MIL-STD-348
- 2.2 Operation Temperature: -65 °C ~ +165 °C
- 2.3 Waterproof grade: IP67

Materials

- 2.4 Body: Brass C3604
- 2.5 Insulator: PTFE
- 2.6 Center Contact: Beryllium Copper

SMA PCB Connector, PCB Through Hole

D/N: 600-18727-01

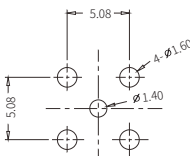
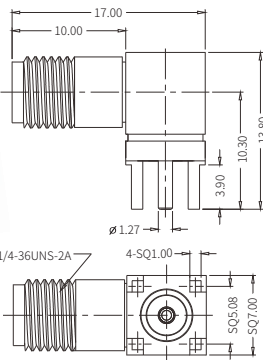
● Outline Dimensions

● PCB Layout

● Technology Parameters



PCB	Part No.
Through Hole	818018727



Electrical Performance

1.1 Impedance: 50Ω +/-5Ω
1.2 Frequency: DC to 6 GHz
1.3 VSWR: ≤1.35
1.4 Insertion Loss: ≤ 0.1 x √f(GHz) dB
1.5 Center Contact Resistance: ≤3 mΩ
1.6 Outer Contact Resistance: ≤2 mΩ
1.7 Voltage Rating: 335 V DC
1.8 Insulation Resistance: >5000MΩ

Mechanical Performance

1.9 Mechanical Durability: ≥500
2.0 Coupling Mechanism: Threaded
2.1 Interface Specification: MIL-STD-348
2.2 Operation Temperature: -65 °C - +165 °C

Materials

2.3 Body: Brass C3604
2.4 Insulator: PTFE
2.5 Center Contact: Beryllium Copper

SMA PCB Connector, PCB Through Hole

D/N: 600-26350-01

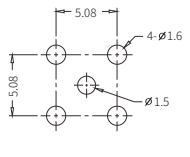
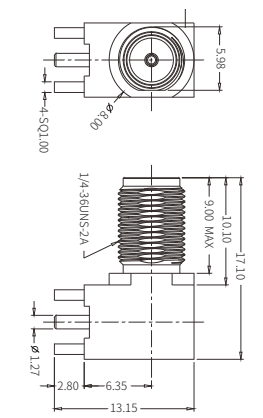
● Outline Dimensions

● PCB Layout

● Technology Parameters



PCB	Part No.
Through Hole	818026350



Electrical Performance

1.1 Impedance: 50Ω +/-5Ω
1.2 Frequency: DC to 6 GHz
1.3 VSWR: ≤1.3
1.4 Insertion Loss: ≤ 0.1 x √f(GHz) dB
1.5 Center Contact Resistance: ≤3 mΩ
1.6 Outer Contact Resistance: ≤2 mΩ
1.7 Voltage Rating: 335 V DC
1.8 Insulation Resistance: >5000MΩ

Mechanical Performance

1.9 Mechanical Durability: ≥500
2.0 Coupling Mechanism: Threaded
2.1 Interface Specification: MIL-STD-348
2.2 Operation Temperature: -65 °C - +165 °C

Materials

2.3 Body: Brass C3604
2.4 Insulator: PTFE
2.5 Center Contact: Beryllium Copper

SMA PCB Connector, PCB Through Hole

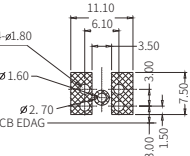
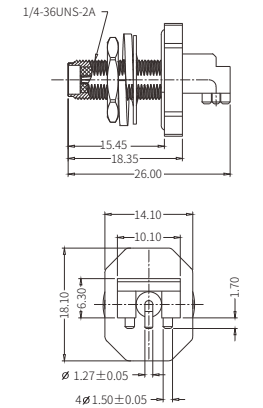
D/N: 600-17050-01

● Outline Dimensions

● Technology Parameters



PCB	Part No.
Through Hole	818017050



Electrical Performance

1.1 Impedance: 50Ω +/-5Ω
1.2 Frequency: DC to 6 GHz
1.3 VSWR: ≤1.3
1.4 Insertion Loss: ≤ 0.1 x √f(GHz) dB
1.5 Center Contact Resistance: ≤3 mΩ
1.6 Outer Contact Resistance: ≤2 mΩ
1.7 Voltage Rating: 335 V DC
1.8 Insulation Resistance: >5000MΩ

Mechanical Performance

1.9 Mechanical Durability: ≥500
2.0 Coupling Mechanism: Threaded
2.1 Interface Specification: MIL-STD-348
2.2 Operation Temperature: -65 °C - +165 °C

Materials

2.3 Body: Brass C3604
2.4 Insulator: PTFE
2.5 Center Contact: Beryllium Copper

SMA Cable Connector, 302-3

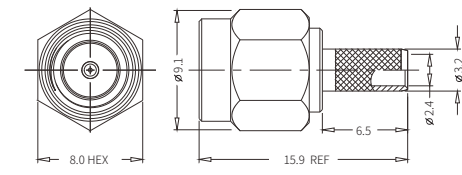
D/N: 600-35805-01

● Outline Dimensions

● Technology Parameters



Apply Cable	Part No.
302-3 Cable	818035805



Electrical Performance

1.1 Impedance: 50Ω +/-5Ω
1.2 Frequency: DC to 6 GHz
1.3 VSWR: ≤1.50
1.4 Insertion Loss: ≤ 0.1 x √f(GHz) dB
1.5 Center Contact Resistance: ≤3 mΩ
1.6 Outer Contact Resistance: ≤2 mΩ
1.7 Voltage Rating: 335 V DC
1.8 Insulation Resistance: >5000MΩ

Mechanical Performance

1.9 Mechanical Durability: ≥500
2.0 Coupling Mechanism: Threaded
2.1 Interface Specification: MIL-STD-348
2.2 Operation Temperature: -40 °C - +105 °C

Materials

2.3 Body: Brass C3604
2.4 Insulator: PTFE
2.5 Center Contact: Brass C3604

SMA Cable Connector, 0.81, 1.13, 1.37, Rg178

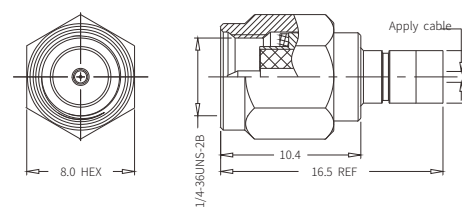
D/N: 600-34528-01

● Outline Dimensions

● Technology Parameters



Apply Cable	Part No.
0.81	818034528
1.13	818034529
1.37	818034530
RG178	818034531



Electrical Performance

1.1 Impedance: 50Ω +/-5Ω
1.2 Frequency: DC to 9 GHz
1.3 VSWR: ≤1.50
1.4 Insertion Loss: ≤ 0.1 x √f(GHz) dB
1.5 Center Contact Resistance: ≤3 mΩ
1.6 Outer Contact Resistance: ≤2 mΩ
1.7 Voltage Rating: 335 V DC
1.8 Insulation Resistance: >5000MΩ

Mechanical Performance

1.9 Mechanical Durability: ≥500
2.0 Coupling Mechanism: Threaded
2.1 Interface Specification: MIL-STD-348
2.2 Operation Temperature: -40 °C - +105 °C

Materials

2.3 Body: Brass C3604
2.4 Insulator: PTFE
2.5 Center Contact: BRASS C3604

SMA Cable Connector, RG174, RG316, LMR100

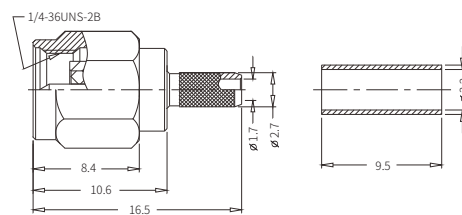
D/N: 600-2873-01

● Outline Dimensions

● Technology Parameters



Apply Cable	Part No.
RG174	818002873
RG316	
LMR100	



Electrical Performance

1.1 Impedance: 50Ω +/-5Ω
1.2 Frequency: DC to 9 GHz
1.3 VSWR: ≤1.50
1.4 Insertion Loss: ≤ 0.1 x √f(GHz) dB
1.5 Center Contact Resistance: ≤3 mΩ
1.6 Outer Contact Resistance: ≤2 mΩ
1.7 Voltage Rating: 335 V DC
1.8 Insulation Resistance: >5000MΩ

Mechanical Performance

1.9 Mechanical Durability: ≥500
2.0 Coupling Mechanism: Threaded
2.1 Interface Specification: MIL-STD-348
2.2 Operation Temperature: -40 °C - +105 °C

Materials

2.3 Body: Brass C3604
2.4 Insulator: PTFE
2.5 Center Contact: Brass C3604

SMA Cable Connector, RG174, RG316, LMR100

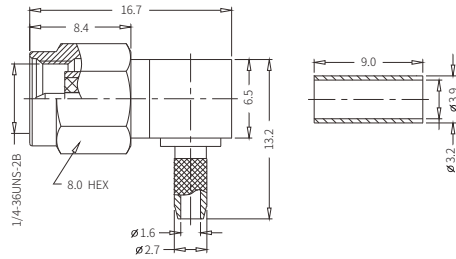
D/N: 600-35806-01

● Outline Dimensions

● Technology Parameters



Apply Cable	Part No.
RG174	818035806
RG316	
LMR100	



- Electrical Performance**
- 1.1 Impedance: 50Ω +/-5Ω
 - 1.2 Frequency: DC to 9 GHz
 - 1.3 VSWR: ≤1.50
 - 1.6 Outer Contact Resistance: ≤2 mΩ
 - 1.7 Voltage Rating: 335 V DC
 - 1.8 Insulation Resistance: >5000M Ω
- Mechanical Performance**
- 1.9 Mechanical Durability: ≥500
 - 2.0 Coupling Mechanism: Threaded
 - 2.2 Operation Temperature: -40 °C - +105 °C
- Materials**
- 2.3 Body: Brass C3604
 - 2.4 Insulator: PTFE
 - 2.5 Center Contact: Brass C3604

SMA Cable Connector, 086, RG405

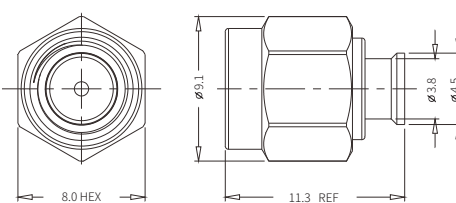
D/N: 600-35807-01

● Outline Dimensions

● Technology Parameters



Apply Cable	Part No.
670-086	818035807
RG405	



- Electrical Performance**
- 1.1 Impedance: 50Ω +/-5Ω
 - 1.2 Frequency: DC to 9 GHz
 - 1.3 VSWR: ≤1.50
 - 1.4 Insertion Loss: ≤ 0.1 x √f(GHz) dB
 - 1.5 Center Contact Resistance: ≤3 mΩ
 - 1.6 Outer Contact Resistance: ≤2 mΩ
 - 1.7 Voltage Rating: 335 V DC
 - 1.8 Insulation Resistance: >5000M Ω
- Mechanical Performance**
- 1.9 Mechanical Durability: ≥500
 - 2.0 Coupling Mechanism: Threaded
 - 2.1 Interface Specification: MIL-STD-348
 - 2.2 Operation Temperature: -40 °C - +105 °C
- Materials**
- 2.3 Body: Brass C3604
 - 2.4 Insulator: PTFE
 - 2.5 Center Contact: Brass C3604

SMA Cable Connector, 086, RG405

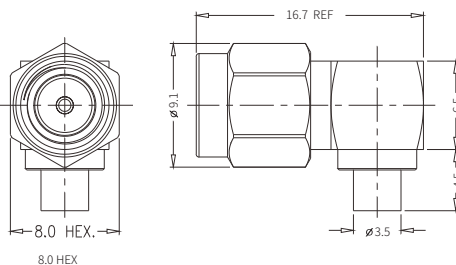
D/N: 600-35808-01

● Outline Dimensions

● Technology Parameters



Apply Cable	Part No.
670-086	818035808
RG405	



- Electrical Performance**
- 1.1 Impedance: 50Ω +/-5Ω
 - 1.2 Frequency: DC to 9 GHz
 - 1.3 VSWR: ≤1.50
 - 1.4 Insertion Loss: ≤ 0.1 x √f(GHz) dB
 - 1.5 Center Contact Resistance: ≤3 mΩ
 - 1.6 Outer Contact Resistance: ≤2 mΩ
 - 1.7 Voltage Rating: 335 V DC
 - 1.8 Insulation Resistance: >5000M Ω
- Mechanical Performance**
- 1.9 Mechanical Durability: ≥500
 - 2.0 Coupling Mechanism: Threaded
 - 2.1 Interface Specification: MIL-STD-348
 - 2.2 Operation Temperature: -40 °C - +105 °C
- Materials**
- 2.3 Body: Brass C3604
 - 2.4 Insulator: PTFE
 - 2.5 Center Contact: Brass C3604

SMA Cable Connector, RG58, LMR195

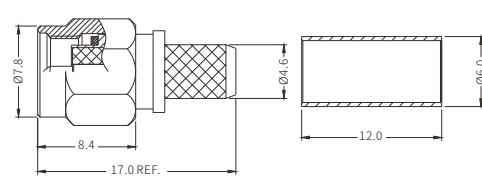
D/N: 600-47213-01

● Outline Dimensions

● Technology Parameters



Apply Cable	Part No.
RG58	818047213
LMR195	



- Electrical Performance**
- 1.1 Impedance: 50Ω +/-5Ω
 - 1.2 Frequency: DC to 6 GHz
 - 1.3 VSWR: ≤1.30
 - 1.4 Insertion Loss: ≤ 0.1 x √f(GHz) dB
 - 1.5 Center Contact Resistance: ≤3 mΩ
 - 1.6 Outer Contact Resistance: ≤2 mΩ
 - 1.7 Voltage Rating: 335 V DC
 - 1.8 Insulation Resistance: >5000M Ω
- Mechanical Performance**
- 1.9 Mechanical Durability: ≥500
 - 2.0 Coupling Mechanism: Threaded
 - 2.1 Interface Specification: MIL-STD-348
 - 2.2 Operation Temperature: -40 °C - +105 °C
- Materials**
- 2.3 Body: Brass C3604
 - 2.4 Insulator: PTFE
 - 2.5 Center Contact: Brass C3604

SMA Cable Connector, RG58, LMR195

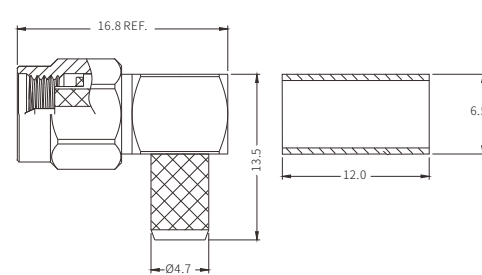
D/N: 600-47214-01

● Outline Dimensions

● Technology Parameters



Apply Cable	Part No.
RG58	818047214
LMR195	



- Electrical Performance**
- 1.1 Impedance: 50Ω +/-5Ω
 - 1.2 Frequency: DC to 6 GHz
 - 1.3 VSWR: ≤1.50
 - 1.4 Insertion Loss: ≤ 0.1 x √f(GHz) dB
 - 1.5 Center Contact Resistance: ≤3 mΩ
 - 1.6 Outer Contact Resistance: ≤2 mΩ
 - 1.7 Voltage Rating: 335 V DC
 - 1.8 Insulation Resistance: >5000M Ω
- Mechanical Performance**
- 1.9 Mechanical Durability: ≥500
 - 2.0 Coupling Mechanism: Threaded
 - 2.1 Interface Specification: MIL-STD-348
 - 2.2 Operation Temperature: -40 °C - +105 °C
 - 2.3 Waterproof Grade: IP67
- Materials**
- 2.3 Body: Brass C3604
 - 2.4 Insulator: PTFE
 - 2.5 Center Contact: Brass C3604

SMA Cable Connector, 0.81, 1.13, 1.37, RG178

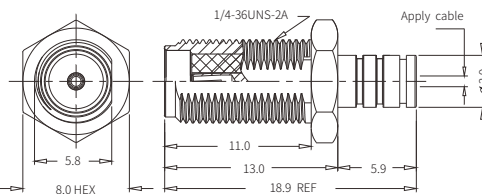
D/N: 600-16758-01

● Outline Dimensions

● Technology Parameters



Apply Cable	Part No.
0.81	818016758
1.13	818016171
1.37	818016766
RG178	818017225



- Electrical Performance**
- 1.1 Impedance: 50Ω +/-5Ω
 - 1.2 Frequency: DC to 9 GHz
 - 1.3 VSWR: ≤1.50
 - 1.4 Insertion Loss: ≤ 0.1 x √f(GHz) dB
 - 1.5 Center Contact Resistance: ≤3 mΩ
 - 1.6 Outer Contact Resistance: ≤2 mΩ
 - 1.7 Voltage Rating: 335 V DC
 - 1.8 Insulation Resistance: >5000M Ω
- Mechanical Performance**
- 1.9 Mechanical Durability: ≥500
 - 2.0 Coupling Mechanism: Threaded
 - 2.1 Interface Specification: MIL-STD-348
 - 2.2 Operation Temperature: -40 °C - +105 °C
- Materials**
- 2.3 Body: Brass C3604
 - 2.4 Insulator: PTFE
 - 2.5 Center Contact: Beryllium Copper

SMA Cable Connector, 0.81, 1.13, 1.37, RG178

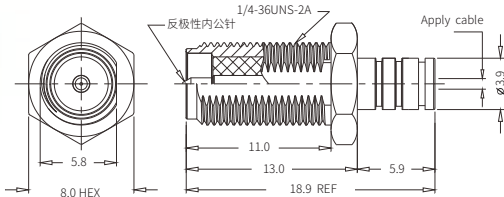
D/N: 600-33551-01

● Outline Dimensions

● Technology Parameters



Apply Cable	Part No.
0.81	818033551
1.13	818017010
1.37	818033853
RG178	818033854



Electrical Performance

- 1.1 Impedance: 50Ω +/-5Ω
- 1.2 Frequency: DC to 9 GHz
- 1.3 VSWR: ≤1.50
- 1.4 Insertion Loss: ≤ 0.1 x √f(GHz) dB
- 1.5 Center Contact Resistance: ≤3 mΩ
- 1.6 Outer Contact Resistance: ≤2 mΩ
- 1.7 Voltage Rating: 335 V DC
- 1.8 Insulation Resistance: >5000MΩ

Mechanical Performance

- 1.9 Mechanical Durability: ≥500
- 2.0 Coupling Mechanism: Threaded
- 2.1 Interface Specification: MIL-STD-348
- 2.2 Operation Temperature: -40 °C - +105 °C

Materials

- 2.3 Body: Brass C3604
- 2.4 Insulator: PTFE
- 2.5 Center Contact: Brass C3604

SMA Cable Connector, Waterproof, 0.81, 1.13, 1.37, RG178

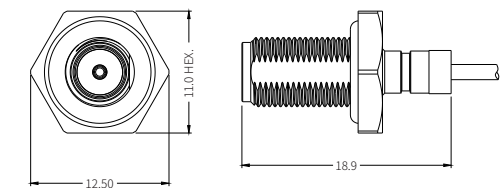
D/N: 600-38940-01

● Outline Dimensions

● Technology Parameters



Apply Cable	Part No.
0.81	818038940
1.13	818038941
1.37	818038942
RG178	818038943



Electrical Performance

- 1.1 Impedance: 50Ω +/-5Ω
- 1.2 Frequency: DC to 9 GHz
- 1.3 VSWR: ≤1.50
- 1.4 Insertion Loss: ≤ 0.1 x √f(GHz) dB
- 1.5 Center Contact Resistance: ≤3 mΩ
- 1.6 Outer Contact Resistance: ≤2 mΩ
- 1.7 Voltage Rating: 335 V DC
- 1.8 Insulation Resistance: >5000MΩ

Mechanical Performance

- 1.9 Mechanical Durability: ≥500
- 2.0 Coupling Mechanism: Threaded
- 2.1 Interface Specification: MIL-STD-348
- 2.2 Operation Temperature: -40 °C - +105 °C
- 2.3 Waterproof grade: IP67

Materials

- 2.4 Body: Brass C3604
- 2.5 Insulator: PTFE
- 2.6 Center Contact: Beryllium Copper

RP-SSMA Cable Connector, Waterproof, 0.81, 1.13, 1.37, Rg178

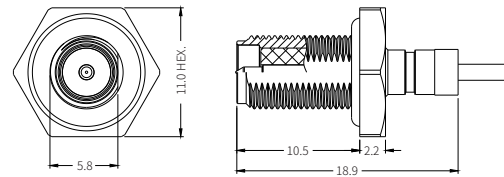
D/N: 600-38944-01

● Outline Dimensions

● Technology Parameters



Apply Cable	Part No.
0.81	818038944
1.13	818038945
1.37	818038946
RG178	818038947



Electrical Performance

- 1.1 Impedance: 50Ω +/-5Ω
- 1.2 Frequency: DC to 9 GHz
- 1.3 VSWR: ≤1.50
- 1.4 Insertion Loss: ≤ 0.1 x √f(GHz) dB
- 1.5 Center Contact Resistance: ≤3 mΩ
- 1.6 Outer Contact Resistance: ≤2 mΩ
- 1.7 Voltage Rating: 335 V DC
- 1.8 Insulation Resistance: >5000MΩ

Mechanical Performance

- 1.9 Mechanical Durability: ≥500
- 2.0 Coupling Mechanism: Threaded
- 2.1 Interface Specification: MIL-STD-348
- 2.2 Operation Temperature: -40 °C - +105 °C
- 2.3 Waterproof grade: IP67

Materials

- 2.4 Body: Brass C3604
- 2.5 Insulator: PTFE
- 2.6 Center Contact: Beryllium Copper

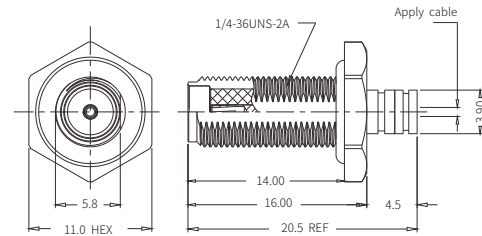
D/N:

● Outline Dimensions

● Technology Parameters



Apply Cable	Part No.
0.81	818033552
1.13	818033553
1.37	818033554
RG178	818033855



Electrical Performance

- 1.1 Impedance: 50Ω +/-5Ω
- 1.2 Frequency: DC to 9 GHz
- 1.3 VSWR: ≤1.50
- 1.4 Insertion Loss: ≤ 0.1 x √f(GHz) dB
- 1.5 Center Contact Resistance: ≤3 mΩ
- 1.6 Outer Contact Resistance: ≤2 mΩ
- 1.7 Voltage Rating: 335 V DC
- 1.8 Insulation Resistance: >5000MΩ

Mechanical Performance

- 1.9 Mechanical Durability: ≥500
- 2.0 Coupling Mechanism: Threaded
- 2.1 Interface Specification: MIL-STD-348
- 2.2 Operation Temperature: -40 °C - +105 °C
- 2.3 Waterproof Grade: IP67

Materials

- 2.3 Body: Brass C3604
- 2.4 Insulator: PTFE
- 2.5 Center Contact: Beryllium Copper

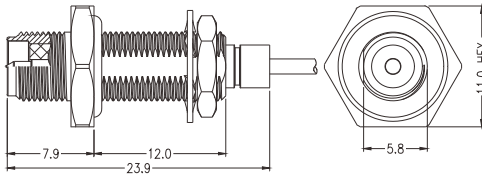
D/N:

● Outline Dimensions

● Technology Parameters



Apply Cable	Part No.
0.81	818038955
1.13	818038956
1.37	818038957
RG178	818038958



Electrical Performance

- 1.1 Impedance: 50Ω +/-5Ω
- 1.2 Frequency: DC to 6 Ghz
- 1.3 VSWR: ≤1.50
- 1.4 Insertion Loss: ≤ 0.1 x √f(GHz) dB
- 1.5 Center Contact Resistance: ≤3 mΩ
- 1.6 Outer Contact Resistance: ≤2 mΩ
- 1.7 Voltage Rating: 335 V DC
- 1.8 Insulation Resistance: >5000MΩ

Mechanical Performance

- 1.9 Mechanical Durability: ≥500
- 2.0 Coupling Mechanism: Threaded
- 2.1 Interface Specification: MIL-STD-348
- 2.2 Operation Temperature: -40 °C - +105 °C
- 2.3 Waterproof Grade: IP67

Materials

- 2.3 Body: Brass C3604
- 2.4 Insulator: PTFE
- 2.5 Center Contact: Beryllium Copper

SMA Cable Connector, 1.37

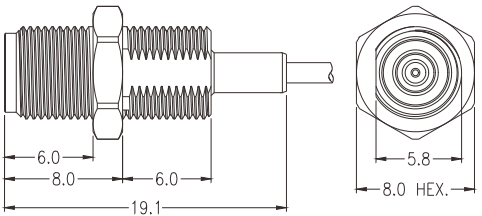
D/N: 600-47210-01

● Outline Dimensions

● Technology Parameters



PCB	Part No.
1.37	818047210



Electrical Performance

- 1.1 Impedance: 50Ω +/-5Ω
- 1.2 Frequency: DC to 9 GHz
- 1.3 VSWR: ≤1.50
- 1.4 Insertion Loss: ≤ 0.1 x √f(GHz) dB
- 1.5 Center Contact Resistance: ≤3 mΩ
- 1.6 Outer Contact Resistance: ≤2 mΩ
- 1.7 Voltage Rating: 335 V DC
- 1.8 Insulation Resistance: >5000MΩ

Mechanical Performance

- 1.9 Mechanical Durability: ≥500
- 2.0 Coupling Mechanism: Threaded
- 2.1 Interface Specification: MIL-STD-348
- 2.2 Operation Temperature: -40 °C - +105 °C
- 2.3 Waterproof Grade: IP67

Materials

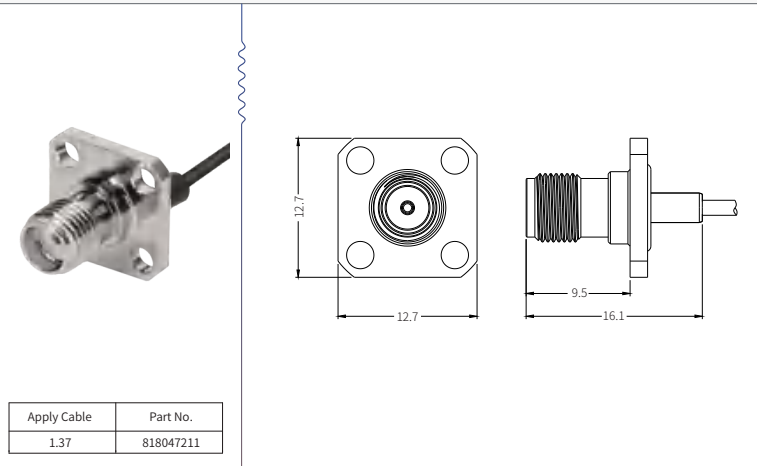
- 2.4 Body: Brass C3604
- 2.5 Insulator: PTFE
- 2.6 Center Contact: Brass C3604

SMA Cable Connector,1.37

D/N: 600-47211-01

● Outline Dimensions

● Technology Parameters



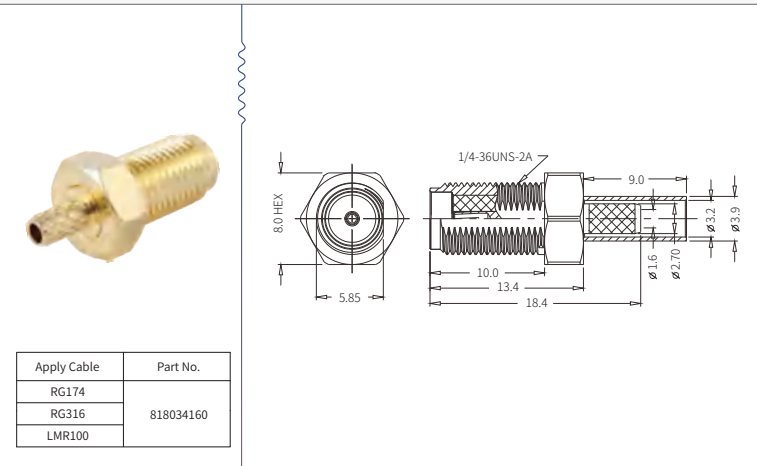
- Electrical Performance**
- 1.1 Impedance: 50Ω +/-5Ω
 - 1.2 Frequency: DC to 9 GHz
 - 1.3 VSWR: ≤1.50
 - 1.4 Insertion Loss: ≤ 0.1 x √f(GHz) dB
 - 1.5 Center Contact Resistance: ≤3 mΩ
 - 1.6 Outer Contact Resistance: ≤2 mΩ
 - 1.7 Voltage Rating: 335 V DC
 - 1.8 Insulation Resistance: >5000MΩ
- Mechanical Performance**
- 1.9 Mechanical Durability: ≥500
 - 2.0 Coupling Mechanism: Threaded
 - 2.1 Interface Specification: MIL-STD-348
 - 2.2 Operation Temperature: -40 °C - +105 °C
 - 2.3 Waterproof Grade: IP67
- Materials**
- 2.3 Body: Brass C3604
 - 2.4 Insulator: PTFE
 - 2.5 Center Contact: Beryllium Copper

SMA Cable Connector, RG174, RG316, LMR100

D/N: 600-34160-01

● Outline Dimensions

● Technology Parameters



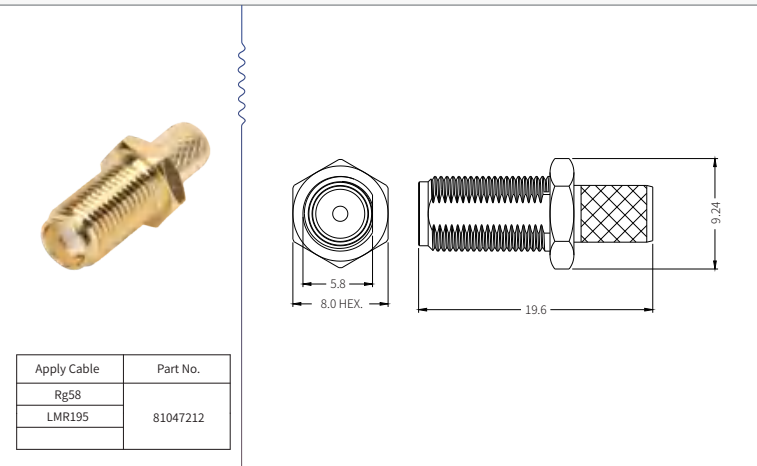
- Electrical Performance**
- 1.1 Impedance: 50Ω +/-5Ω
 - 1.2 Frequency: DC to 9 GHz
 - 1.3 VSWR: ≤1.30
 - 1.4 Insertion Loss: ≤ 0.1 x √f(GHz) dB
 - 1.5 Center Contact Resistance: ≤3 mΩ
 - 1.6 Outer Contact Resistance: ≤2 mΩ
 - 1.7 Voltage Rating: 335 V DC
 - 1.8 Insulation Resistance: >5000MΩ
- Mechanical Performance**
- 1.9 Mechanical Durability: ≥500
 - 2.0 Coupling Mechanism: Threaded
 - 2.1 Interface Specification: MIL-STD-348
 - 2.2 Operation Temperature: -40 °C - +105 °C
- Materials**
- 2.3 Body: Brass C3604
 - 2.4 Insulator: PTFE
 - 2.5 Center Contact: Beryllium Copper

SMA Cable Connector, RG178, LMR195

D/N: 600-47212-01

● Outline Dimensions

● Technology Parameters



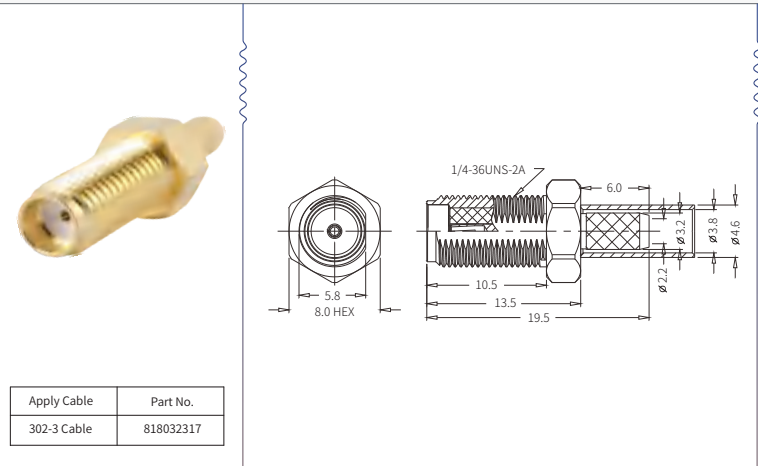
- Electrical Performance**
- 1.1 Impedance: 50Ω +/-5Ω
 - 1.2 Frequency: DC to 9 GHz
 - 1.3 VSWR: ≤1.50
 - 1.4 Insertion Loss: ≤ 0.1 x √f(GHz) dB
 - 1.5 Center Contact Resistance: ≤3 mΩ
 - 1.6 Outer Contact Resistance: ≤2 mΩ
 - 1.7 Voltage Rating: 335 V DC
 - 1.8 Insulation Resistance: >5000MΩ
- Mechanical Performance**
- 1.9 Mechanical Durability: ≥500
 - 2.0 Coupling Mechanism: Threaded
 - 2.1 Interface Specification: MIL-STD-348
 - 2.2 Operation Temperature: -40 °C - +105 °C
- Materials**
- 2.3 Body: Brass C3604
 - 2.4 Insulator: PTFE
 - 2.5 Center Contact: Phosphor bronze

SMA Cable Connector, 302-3

D/N: 600-32317-01

● Outline Dimensions

● Technology Parameters



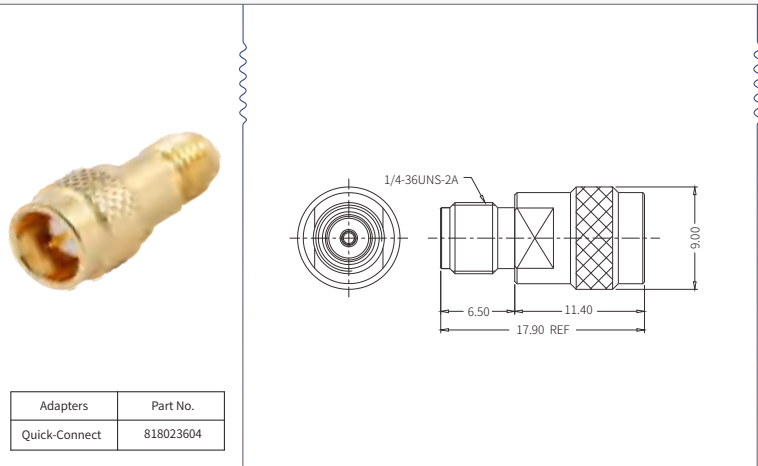
- Electrical Performance**
- 1.1 Impedance: 50Ω +/-5Ω
 - 1.2 Frequency: DC to 9 GHz
 - 1.3 VSWR: ≤1.30
 - 1.4 Insertion Loss: ≤ 0.1 x √f(GHz) dB
 - 1.5 Center Contact Resistance: ≤3 mΩ
 - 1.6 Outer Contact Resistance: ≤2 mΩ
 - 1.7 Voltage Rating: 335 V DC
 - 1.8 Insulation Resistance: >5000MΩ
- Mechanical Performance**
- 1.9 Mechanical Durability: ≥500
 - 2.0 Coupling Mechanism: Threaded
 - 2.1 Interface Specification: MIL-STD-348
 - 2.2 Operation Temperature: -40 °C - +105 °C
- Materials**
- 2.3 Body: Brass C3604
 - 2.4 Insulator: PTFE
 - 2.5 Center Contact: Beryllium Copper

SMA Female to SMA Male Adapters(Quick-Connect)

D/N: 600-23604-01

● Outline Dimensions

● Technology Parameters



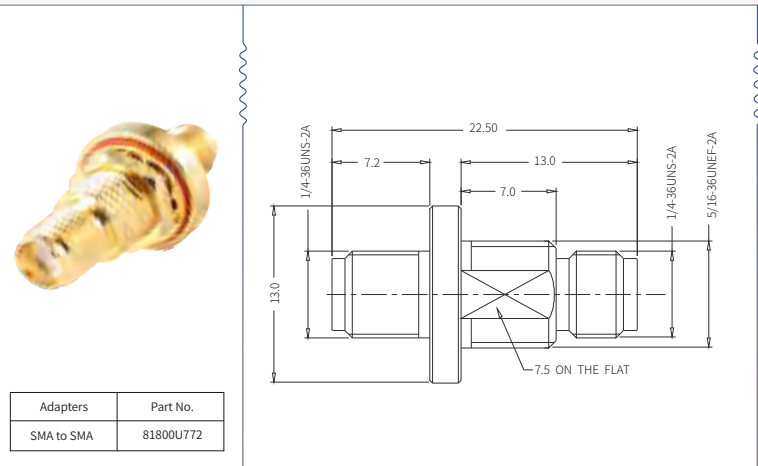
- Electrical Performance**
- 1.1 Impedance: 50Ω +/-5Ω
 - 1.2 Frequency: DC to 9 GHz
 - 1.3 VSWR: ≤1.15
 - 1.4 Insertion Loss: ≤ 0.1 x √f(GHz) dB
 - 1.5 Center Contact Resistance: ≤3 mΩ
 - 1.6 Outer Contact Resistance: ≤2 mΩ
 - 1.7 Voltage Rating: 335 V DC
 - 1.8 Insulation Resistance: >5000MΩ
- Mechanical Performance**
- 1.9 Mechanical Durability: ≥500
 - 2.0 Coupling Mechanism: Threaded
 - 2.1 Interface Specification: MIL-STD-348
 - 2.2 Operation Temperature: -40 °C - +105 °C
- Materials**
- 2.3 Body: Brass C3604
 - 2.4 Insulator: PTFE
 - 2.5 Center Contact: Beryllium Copper

SMA Female to SMA Female Adapters

D/N: 600-U772-01

● Outline Dimensions

● Technology Parameters



- Electrical Performance**
- 1.1 Impedance: 50Ω +/-5Ω
 - 1.2 Frequency: DC to 18GHz
 - 1.3 VSWR: ≤1.25
 - 1.4 Insertion Loss: ≤ 0.1 x √f(GHz) dB
 - 1.5 Center Contact Resistance: ≤3 mΩ
 - 1.6 Outer Contact Resistance: ≤2 mΩ
 - 1.7 Voltage Rating: 335 V DC
 - 1.8 Insulation Resistance: >5000MΩ
- Mechanical Performance**
- 1.9 Mechanical Durability: ≥500
 - 2.0 Coupling Mechanism: Threaded
 - 2.1 Interface Specification: MIL-STD-348
 - 2.2 Operation Temperature: -40 °C - +105 °C
- Materials**
- 2.3 Body: Brass C3604
 - 2.4 Insulator: PTFE
 - 2.5 Center Contact: Beryllium Copper

SMA Cable Connector, 0.81, 1.13, 1.37, RG178

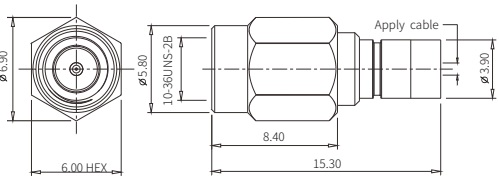
D/N: 600-35822-01

● Outline Dimensions

● Technology Parameters



Apply Cable	Part No.
0.81	818035822
1.13	818035823
1.37	818035824
RG178	818035825



Electrical Performance
1.1 Impedance: 50Ω +/-5Ω
1.2 Frequency: DC to 9 GHz
1.3 VSWR: ≤1.50
1.4 Insertion Loss: ≤ 0.1 x √f(GHz) dB
1.5 Center Contact Resistance: ≤4 mΩ
1.6 Outer Contact Resistance: ≤2 mΩ
1.7 Voltage Rating: 335 V DC
1.8 Insulation Resistance: >5000MΩ

Mechanical Performance
1.9 Mechanical Durability: ≥500
2.0 Coupling Mechanism: Threaded
2.1 Interface Specification: MIL-STD-348
2.2 Operation Temperature: -40 °C - +85 °C

Materials
2.3 Body: Brass C3604
2.4 Insulator: PTFE
2.5 Center Contact: Brass C3604

SSMA Cable Connector, 0.81, 1.13, 1.37, RG178

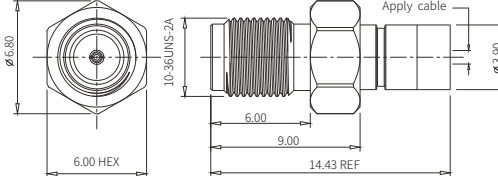
D/N: 600-35818-01

● Outline Dimensions

● Technology Parameters



Apply Cable	Part No.
0.81	818035818
1.13	818035819
1.37	818035820
RG178	818035821



Electrical Performance
1.1 Impedance: 50Ω +/-5Ω
1.2 Frequency: DC to 9 GHz
1.3 VSWR: ≤1.50
1.4 Insertion Loss: ≤ 0.1 x √f(GHz) dB
1.5 Center Contact Resistance: ≤4 mΩ
1.6 Outer Contact Resistance: ≤2 mΩ
1.7 Voltage Rating: 335 V DC
1.8 Insulation Resistance: >5000MΩ

Mechanical Performance
1.9 Mechanical Durability: ≥500
2.0 Coupling Mechanism: Threaded
2.1 Interface Specification: MIL-STD-348
2.2 Operation Temperature: -40 °C - +85 °C

Materials
2.3 Body: Brass C3604
2.4 Insulator: PTFE
2.5 Center Contact: Beryllium Copper

SSMA Cable Connector, RG174, RG316, LMR100

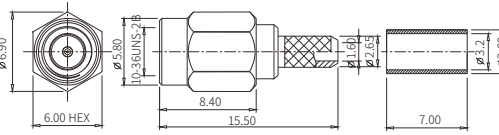
D/N: 600-35827-01

● Outline Dimensions

● Technology Parameters



Apply Cable	Part No.
RG74	818035827
RG316	
LMR100	



Electrical Performance
1.1 Impedance: 50Ω +/-5Ω
1.2 Frequency: DC to 6 GHz
1.3 VSWR: ≤1.50
1.4 Insertion Loss: ≤ 0.1 x √f(GHz) dB
1.5 Center Contact Resistance: ≤4 mΩ
1.6 Outer Contact Resistance: ≤2 mΩ
1.7 Voltage Rating: 335 V DC
1.8 Insulation Resistance: >5000MΩ

Mechanical Performance
1.9 Mechanical Durability: ≥500
2.0 Coupling Mechanism: Threaded
2.1 Interface Specification: MIL-STD-348
2.2 Operation Temperature: -40 °C - +85 °C

Materials
2.3 Body: Brass C3604
2.4 Insulator: PTFE
2.5 Center Contact: Brass C3604

SSMA Cable Connector, RG174, RG316, LMR100

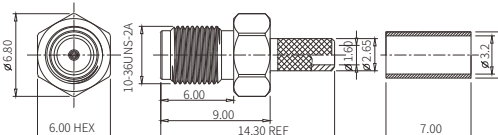
D/N: 600-35826-01

● Outline Dimensions

● Technology Parameters



Apply Cable	Part No.
RG174	818035826-01
RG316	
LMR100	



Electrical Performance
1.1 Impedance: 50Ω +/-5Ω
1.2 Frequency: DC to 6 GHz
1.3 VSWR: ≤1.50
1.4 Insertion Loss: ≤ 0.1 x √f(GHz) dB
1.5 Center Contact Resistance: ≤4 mΩ
1.6 Outer Contact Resistance: ≤2 mΩ
1.7 Voltage Rating: 335 V DC
1.8 Insulation Resistance: >5000MΩ

Mechanical Performance
1.9 Mechanical Durability: ≥500
2.0 Coupling Mechanism: Threaded
2.1 Interface Specification: MIL-STD-348
2.2 Operation Temperature: -40 °C - +85 °C

Materials
2.3 Body: Brass C3604
2.4 Insulator: PTFE
2.5 Center Contact: Phosphor Bronze C5440

SSMA Cable Connector, 086, RG405

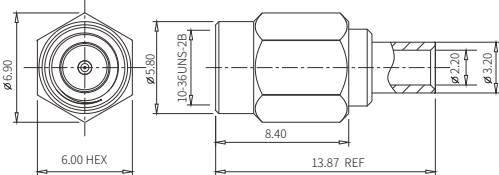
D/N: 600-35830-01

● Outline Dimensions

● Technology Parameters



Apply Cable	Part No.
670-086	818035830
RG405	



Electrical Performance
1.1 Impedance: 50Ω +/-5Ω
1.2 Frequency: DC to 9 GHz
1.3 VSWR: ≤1.50
1.4 Insertion Loss: ≤ 0.1 x √f(GHz) dB
1.5 Center Contact Resistance: ≤4 mΩ
1.6 Outer Contact Resistance: ≤2 mΩ
1.7 Voltage Rating: 335 V DC
1.8 Insulation Resistance: >5000MΩ

Mechanical Performance
1.9 Mechanical Durability: ≥500
2.0 Coupling Mechanism: Threaded
2.1 Interface Specification: MIL-STD-348
2.2 Operation Temperature: -40 °C - +85 °C

Materials
2.3 Body: Brass C3604
2.4 Insulator: PTFE
2.5 Center Contact: Brass C3604

SSMA Cable Connector, RG174, RG316, LMR100

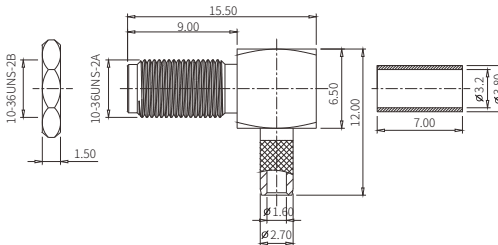
D/N: 600-35828-01

● Outline Dimensions

● Technology Parameters



Apply Cable	Part No.
RG174	818035828-01
RG316	
LMR100	



Electrical Performance
1.1 Impedance: 50Ω +/-5Ω
1.2 Frequency: DC to 6 GHz
1.3 VSWR: ≤1.50
1.4 Insertion Loss: ≤ 0.1 x √f(GHz) dB
1.5 Center Contact Resistance: ≤4 mΩ
1.6 Outer Contact Resistance: ≤2 mΩ
1.7 Voltage Rating: 335 V DC
1.8 Insulation Resistance: >5000MΩ

Mechanical Performance
1.9 Mechanical Durability: ≥500
2.0 Coupling Mechanism: Threaded
2.1 Interface Specification: MIL-STD-348
2.2 Operation Temperature: -40 °C - +85 °C

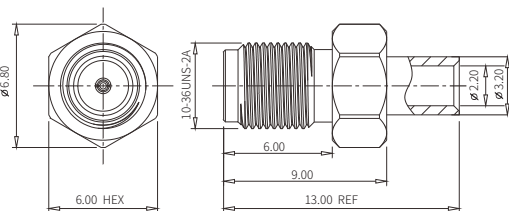
Materials
2.3 Body: Brass C3604
2.4 Insulator: PTFE
2.5 Center Contact: Brass C3604

SSMA Cable Connector, 086, RG405

D/N: 600-35829-01

● Outline Dimensions

● Technology Parameters



Apply Cable	Part No.
670-086	818035829
RG405	

Electrical Performance

- 1.1 Impedance: 50Ω +/-5Ω
- 1.2 Frequency: DC to 9 GHz
- 1.3 VSWR: ≤1.50
- 1.4 Insertion Loss: ≤ 0.1 x √f(GHz) dB
- 1.5 Center Contact Resistance: ≤4 mΩ
- 1.6 Outer Contact Resistance: ≤2 mΩ
- 1.7 Voltage Rating: 335 V DC
- 1.8 Insulation Resistance: >5000MΩ

Mechanical Performance

- 1.9 Mechanical Durability: ≥500
- 2.0 Coupling Mechanism: Threaded
- 2.1 Interface Specification: MIL-STD-348
- 2.2 Operation Temperature: -40 °C - +85 °C

Materials

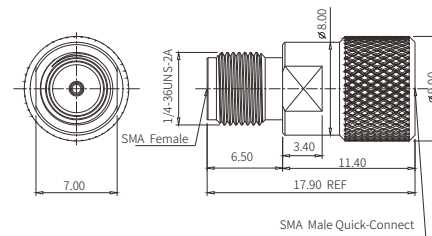
- 2.3 Body: Brass C3604
- 2.4 Insulator: PTFE
- 2.5 Center Contact: Phosphor Bronze C5440

SMA Female to SSMA Male Adapters(Quick-Connect)

D/N: 600-35832-01

● Outline Dimensions

● Technology Parameters



Electrical Performance

- 1.1 Impedance: 50Ω +/-5Ω
- 1.2 Frequency: DC to 18 GHz
- 1.3 VSWR: ≤1.50
- 1.4 Insertion Loss: ≤ 0.1 x √f(GHz) dB
- 1.5 Center Contact Resistance: ≤4 mΩ
- 1.6 Outer Contact Resistance: ≤2 mΩ
- 1.7 Voltage Rating: 335 V DC
- 1.8 Insulation Resistance: >5000MΩ

Mechanical Performance

- 1.9 Mechanical Durability: ≥500
- 2.0 Coupling Mechanism: Threaded
- 2.1 Interface Specification: MIL-STD-348
- 2.2 Operation Temperature: -40 °C - +85 °C

Materials

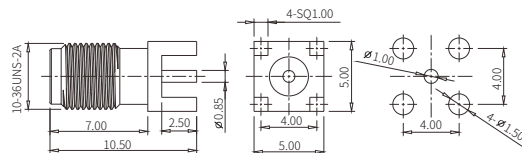
- 2.3 Body: Brass C3604
- 2.4 Insulator: PTFE
- 2.5 Center Contact: Beryllium Copper

SSMA PCB Connector, PCB Through Hole

D/N: 600-32500-01

● Outline Dimensions

● Technology Parameters



Electrical Performance

- 1.1 Impedance: 50Ω +/-5Ω
- 1.2 Frequency: DC to 6 GHz
- 1.3 VSWR: ≤1.50
- 1.4 Insertion Loss: ≤ 0.1 x √f(GHz) dB
- 1.5 Center Contact Resistance: ≤4 mΩ
- 1.6 Outer Contact Resistance: ≤2 mΩ
- 1.7 Voltage Rating: 335 V DC
- 1.8 Insulation Resistance: >5000MΩ

Mechanical Performance

- 1.9 Mechanical Durability: ≥500
- 2.0 Coupling Mechanism: Threaded
- 2.1 Interface Specification: MIL-STD-348
- 2.2 Operation Temperature: -40 °C - +85 °C

Materials

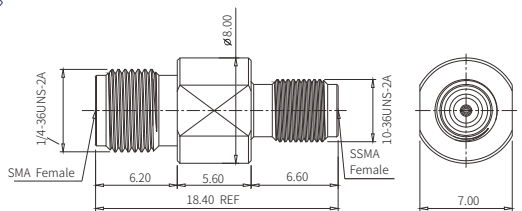
- 2.3 Body: Brass C3604
- 2.4 Insulator: PTFE
- 2.5 Center Contact: Phosphor Bronze C5440

SMA Female to SSMA Female Adapters

D/N: 600-35831-01

● Outline Dimensions

● Technology Parameters



Electrical Performance

- 1.1 Impedance: 50Ω +/-5Ω
- 1.2 Frequency: DC to 18 GHz
- 1.3 VSWR: ≤1.30
- 1.4 Insertion Loss: ≤ 0.1 x √f(GHz) dB
- 1.5 Center Contact Resistance: ≤4 mΩ
- 1.6 Outer Contact Resistance: ≤2 mΩ
- 1.7 Voltage Rating: 335 V DC
- 1.8 Insulation Resistance: >5000MΩ

Mechanical Performance

- 1.9 Mechanical Durability: ≥500
- 2.0 Coupling Mechanism: Threaded
- 2.1 Interface Specification: MIL-STD-348
- 2.2 Operation Temperature: -40 °C - +85 °C

Materials

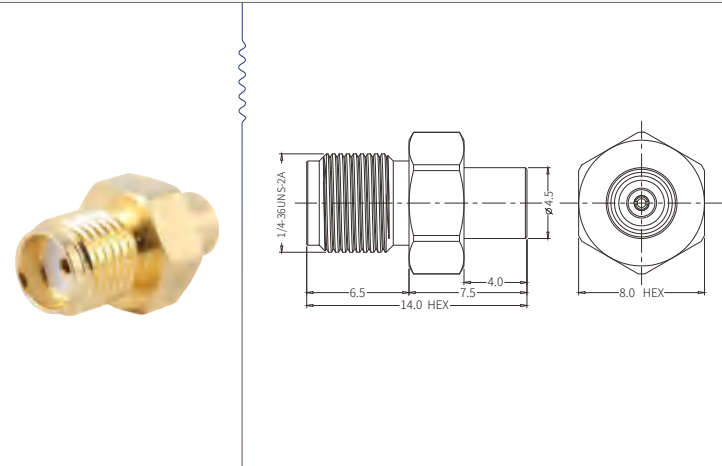
- 2.3 Body: Brass C3604
- 2.4 Insulator: PTFE
- 2.5 Center Contact: Beryllium Copper

SMA Female to MCX Female Adapters

D/N: 600-35937-01

● Outline Dimensions

● Technology Parameters



- Electrical Performance**
- 1.1 Impedance: 50Ω +/-5Ω
 - 1.2 Frequency: DC to 6 GHz
 - 1.3 VSWR: ≤1.30
 - 1.4 Insertion Loss: ≤ 0.1 x √f(GHz) dB
 - 1.5 Center Contact Resistance: ≤5 mΩ
 - 1.6 Outer Contact Resistance: ≤1 mΩ
 - 1.7 Voltage Rating: 225 V DC
 - 1.8 Insulation Resistance: >1000MΩ

- Mechanical Performance**
- 1.9 Mechanical Durability: ≥500
 - 2.0 Coupling Mechanism: Push-On
 - 2.1 Interface Specification: CECC 22220
 - 2.2 Operation Temperature: -65 °C - +165 °C

- Materials**
- 2.3 Body: Brass C3604
 - 2.4 Insulator: PTFE
 - 2.5 Center Contact: Beryllium Copper

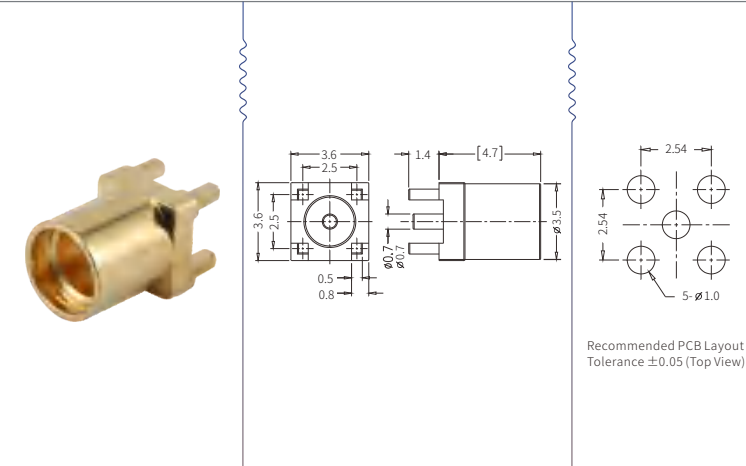
MMCX PCB Connector, PCB Through Hole

D/N: 600-14219-01

● Outline Dimensions

● PCB Layout

● Technology Parameters



- Electrical Performance**
- 1.1 Impedance: 50Ω +/-5Ω
 - 1.2 Frequency: DC to 6 GHz
 - 1.3 VSWR: ≤1.50
 - 1.4 Insertion Loss: ≤ 0.1 x √f(GHz) dB
 - 1.5 Center Contact Resistance: ≤10 mΩ
 - 1.6 Outer Contact Resistance: ≤5 mΩ
 - 1.7 Voltage Rating: 170 V DC
 - 1.8 Insulation Resistance: >500MΩ

- Mechanical Performance**
- 1.9 Mechanical Durability: ≥500
 - 2.0 Coupling Mechanism: Push-On
 - 2.1 Interface Specification: CECC 22220
 - 2.2 Operation Temperature: -40 °C - +90 °C

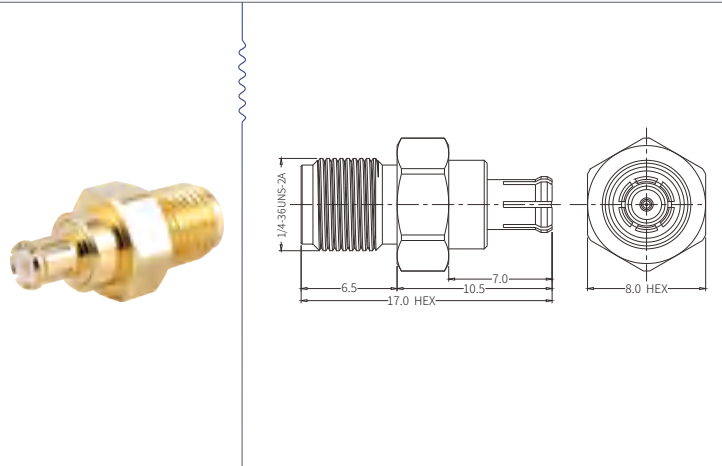
- Materials**
- 2.3 Body: Brass C3604
 - 2.4 Insulator: PTFE
 - 2.5 Center Contact: Phosphor Bronze C5440

SMA Female to MCX Male Adapters

D/N: 600-35938-01

● Outline Dimensions

● Technology Parameters



- Electrical Performance**
- 1.1 Impedance: 50Ω +/-5Ω
 - 1.2 Frequency: DC to 6 GHz
 - 1.3 VSWR: ≤1.30
 - 1.4 Insertion Loss: ≤ 0.1 x √f(GHz) dB
 - 1.5 Center Contact Resistance: ≤5 mΩ
 - 1.6 Outer Contact Resistance: ≤1 mΩ
 - 1.7 Voltage Rating: 225 V DC
 - 1.8 Insulation Resistance: >1000MΩ

- Mechanical Performance**
- 1.9 Mechanical Durability: ≥500
 - 2.0 Coupling Mechanism: Push-On
 - 2.1 Interface Specification: CECC 22220
 - 2.2 Operation Temperature: -65 °C - +165 °C

- Materials**
- 2.3 Body: Brass C3604
 - 2.4 Insulator: PTFE
 - 2.5 Center Contact: Beryllium Copper

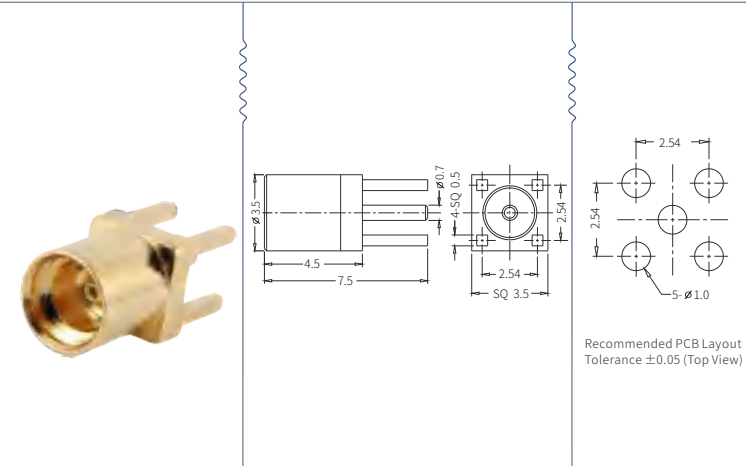
MMCX PCB Connector, PCB Through Hole

D/N: 600-24894-01

● Outline Dimensions

● PCB Layout

● Technology Parameters



- Electrical Performance**
- 1.1 Impedance: 50Ω +/-5Ω
 - 1.2 Frequency: DC to 6 GHz
 - 1.3 VSWR: ≤1.50
 - 1.4 Insertion Loss: ≤ 0.1 x √f(GHz) dB
 - 1.5 Center Contact Resistance: ≤10 mΩ
 - 1.6 Outer Contact Resistance: ≤5 mΩ
 - 1.7 Voltage Rating: 170 V DC
 - 1.8 Insulation Resistance: >500MΩ

- Mechanical Performance**
- 1.9 Mechanical Durability: ≥500
 - 2.0 Coupling Mechanism: Push-On
 - 2.1 Interface Specification: CECC 22220
 - 2.2 Operation Temperature: -40 °C - +90 °C

- Materials**
- 2.3 Body: Brass C3604
 - 2.4 Insulator: PTFE
 - 2.5 Center Contact: Beryllium Copper

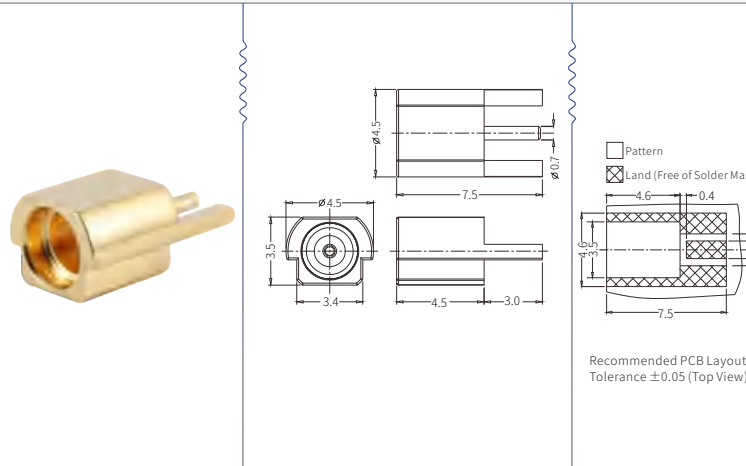
MMCX PCB Connector, PCB Surface Mount

D/N: 600-17965-01

● Outline Dimensions

● PCB Layout

● Technology Parameters



- Electrical Performance**
- 1.1 Impedance: 50Ω +/-5Ω
 - 1.2 Frequency: DC to 6 GHz
 - 1.3 VSWR: ≤1.50
 - 1.4 Insertion Loss: ≤ 0.1 x √f(GHz) dB
 - 1.5 Center Contact Resistance: ≤10 mΩ
 - 1.6 Outer Contact Resistance: ≤5 mΩ
 - 1.7 Voltage Rating: 170 V DC
 - 1.8 Insulation Resistance: >500MΩ

- Mechanical Performance**
- 1.9 Mechanical Durability: ≥500
 - 2.0 Coupling Mechanism: Push-On
 - 2.1 Interface Specification: CECC 22220
 - 2.2 Operation Temperature: -40 °C - +90 °C

- Materials**
- 2.3 Body: Brass C3604
 - 2.4 Insulator: PTFE
 - 2.5 Center Contact: Phosphor Bronze C5440

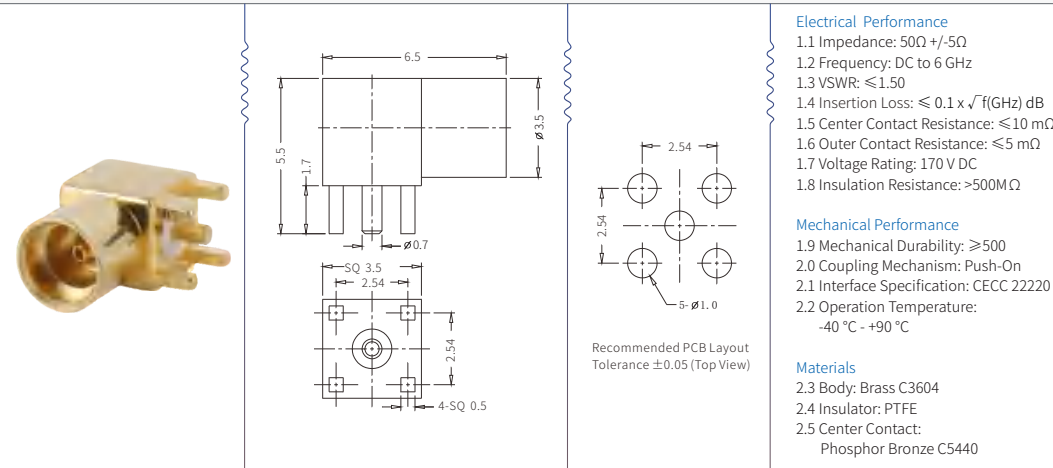
MMCX PCB Connector, PCB Through Hole

D/N: 600-10937-01

● Outline Dimensions

● PCB Layout

● Technology Parameters

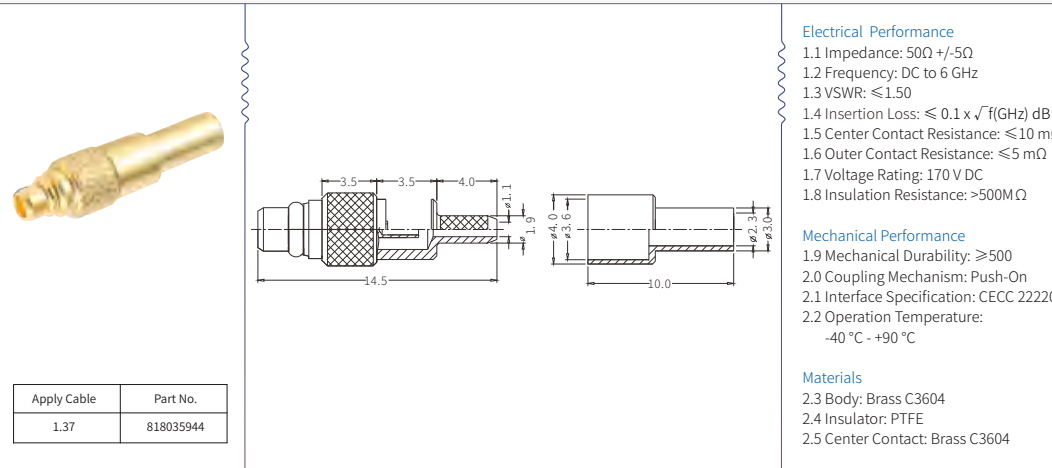


MMCX Cable Connector, 1.37

D/N: 600-35944-01

● Outline Dimensions

● Technology Parameters

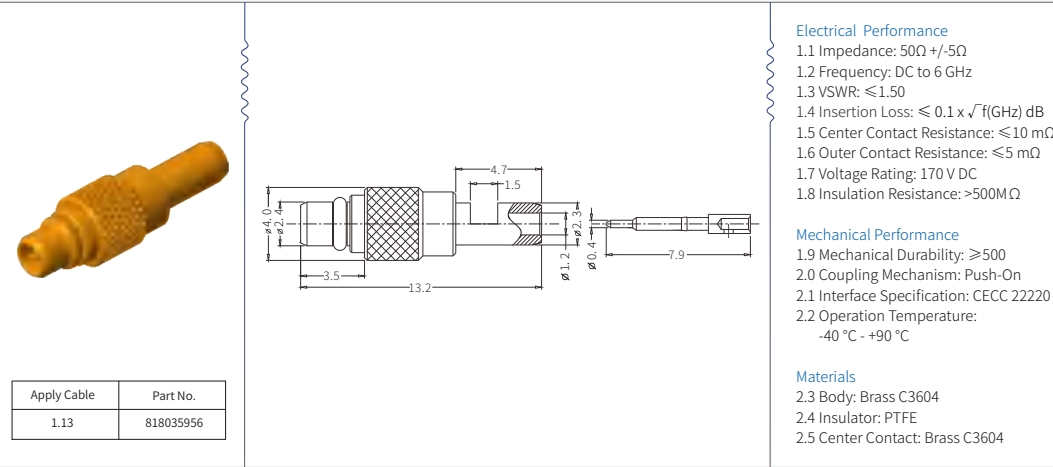


MMCX Cable Connector, 1.13

D/N: 600-35956-01

● Outline Dimensions

● Technology Parameters

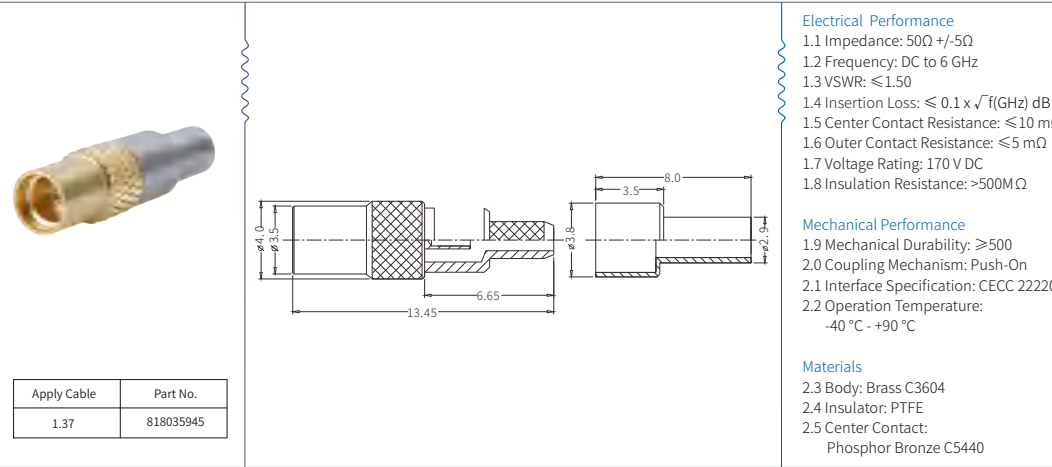


MMCX Cable Connector, 1.37

D/N: 600-35945-01

● Outline Dimensions

● Technology Parameters

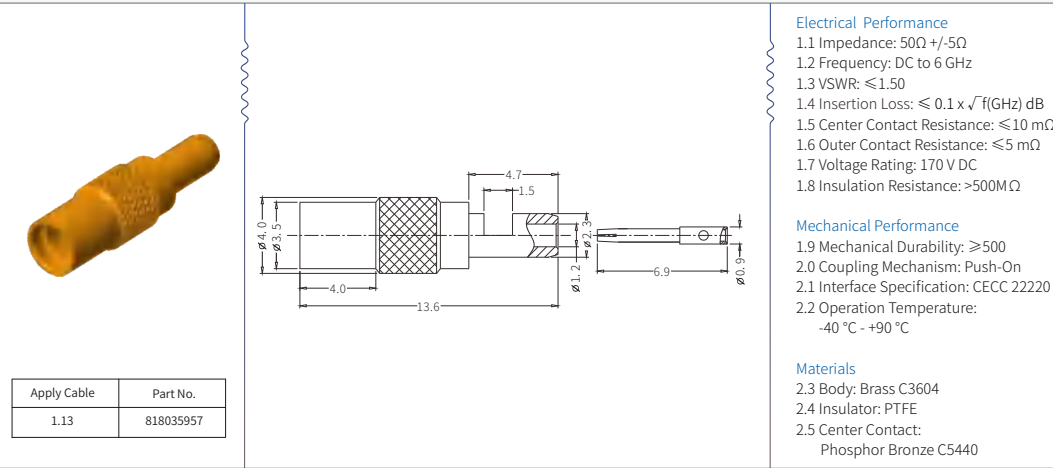


MMCX Cable Connector, 1.13

D/N: 600-35957-01

● Outline Dimensions

● Technology Parameters

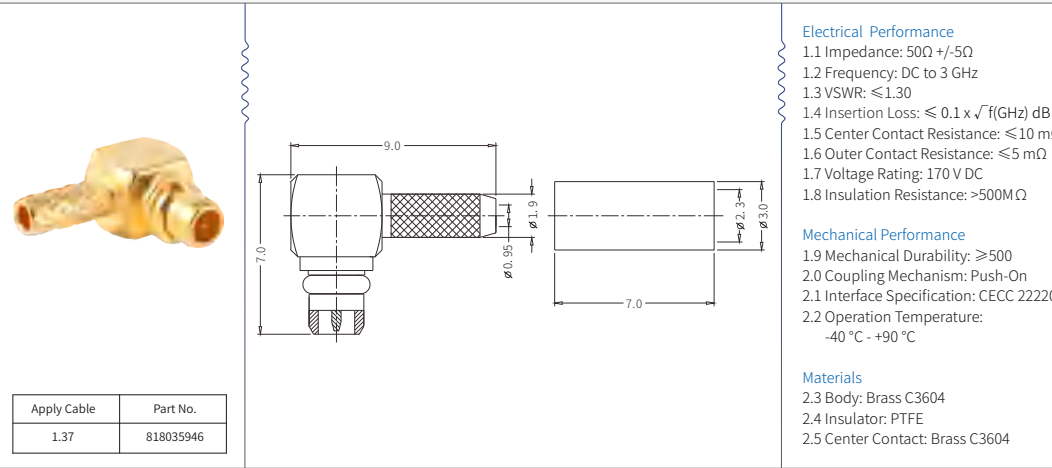


MMCX Cable Connector, 1.37

D/N: 600-35946-01

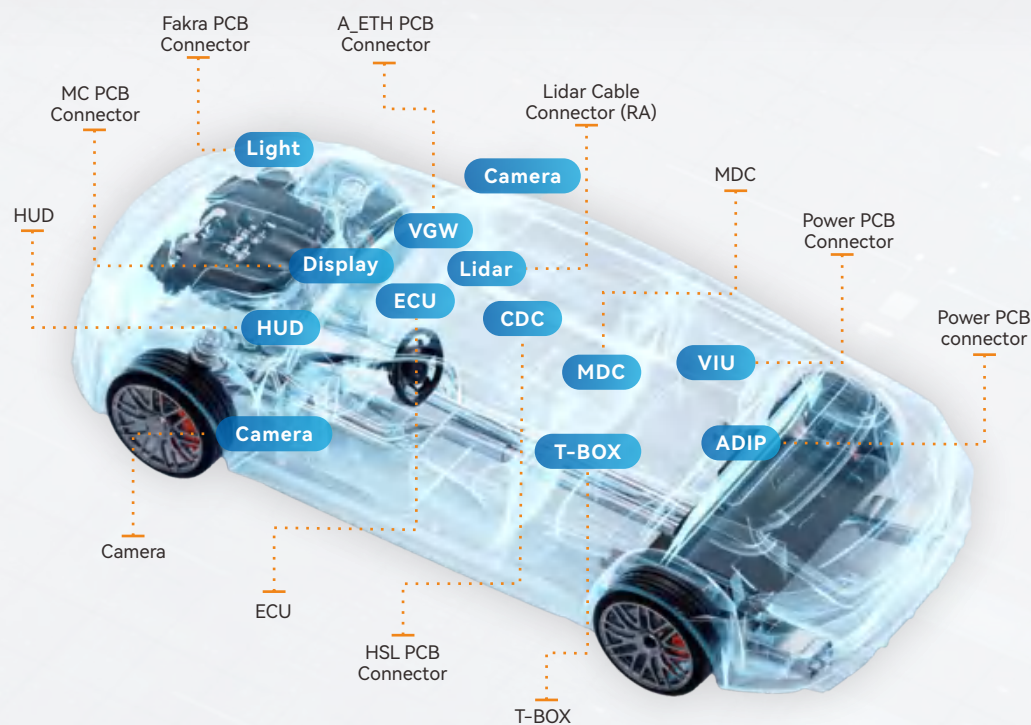
● Outline Dimensions

● Technology Parameters



09

Other Series



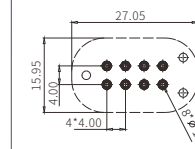
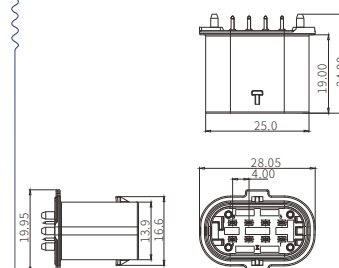
8 Pin Power Connector of Automobile, Vertical

D/N: 600-21006-01

● Outline Dimensions

● PCB Layout

● Technology Parameters



Electrical Performance

- 1.1 Current Rating: 9A
- 1.2 Insulation Resistance: $\geq 100\text{M}\Omega$
- 1.3 Contact Resistance: $\leq 15\text{m}\Omega$
- 1.4 Withstand Voltage: 500V AC 60s $\leq 1\text{mA}$

Mechanical Performance

- 1.5 Mating Cycles: ≥ 25
- 1.6 Mating Force: 75N Max
- 1.7 Unmating Force: 75N Max
- 1.8 Temperature Range: $-40^\circ\text{C} - +125^\circ\text{C}$

Material

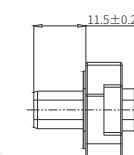
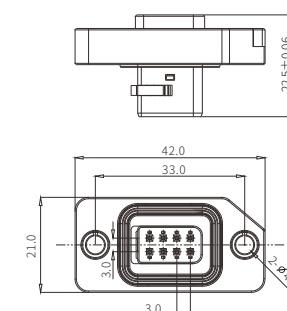
- 1.9 Plastic Housings: PA10T
- 2.1 Terminal: Brass

8 Pin Connector for Electric Fan of Automobile

D/N: 600-19151-01

● Outline Dimensions

● Technology Parameters



Electrical Performance

- 1.1 Current Rating: 3A
- 1.2 Insulation Resistance: $\geq 100\text{M}\Omega$
- 1.3 Contact Resistance: $\leq 10\text{m}\Omega$
- 1.4 Withstand Voltage: 500V AC 60s $\leq 1\text{mA}$

Mechanical Performance

- 1.5 Mating Cycles: ≥ 25
- 1.6 Mating Force: $\leq 45\text{N}$
- 1.7 Unmating Force: $10\text{N} \leq F$
- 1.8 Ingress Protection: IP67
- 1.9 Temperature Range: $-40^\circ\text{C} - +125^\circ\text{C}$

Material

- 2.0 Plastic Housings: PBT
- 2.1 O-Ring: Silicon Rubber
- 2.2 Terminal: Copper Alloy
- 2.3 Bushing: Brass
- 2.4 Sealing Plug: Silica Gel

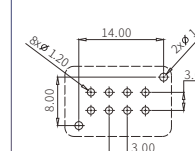
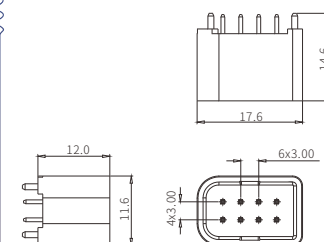
8 Pin Connector for Electric Fan of Automobile, Vertical

D/N: 600-19150-01

● Outline Dimensions

● PCB Layout

● Technology Parameters



Electrical Performance

- 1.1 Current Rating: 3A
- 1.2 Insulation Resistance: $\geq 100\text{M}\Omega$
- 1.3 Contact Resistance: $\leq 10\text{m}\Omega$
- 1.4 Withstand Voltage: 500V AC 60s $\leq 1\text{mA}$

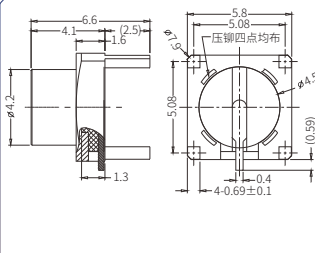
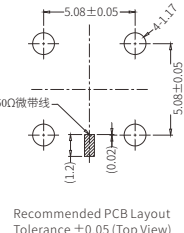
Mechanical Performance

- 1.5 Mating Cycles: ≥ 30
- 1.6 Mating Force: $\leq 45\text{N}$
- 1.7 Unmating Force: $10\text{N} \leq F$
- 1.8 Temperature Range: $-40^\circ\text{C} - +125^\circ\text{C}$

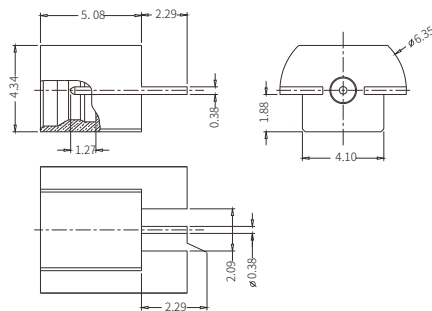
Material

- 1.9 Plastic Housings: PPA
- 2.0 Rear cover: PPA
- 2.1 Terminal: Brass

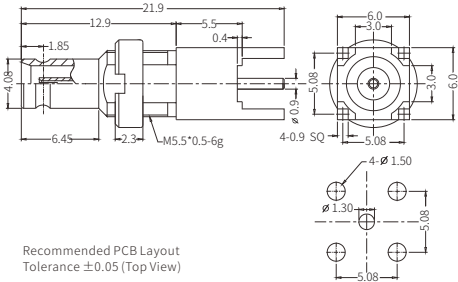
SMP Straight PCB Smooth Bore Through Hole

D/N: 600-26150-01	Outline Dimensions	PCB Layout	Technology Parameters
			Electrical Performance 1.1 Impedance: 50Ω +/-5Ω 1.2 Frequency Range: DC to 26.5 GHz 1.3 VSWR: ≤1.15@ (DC~6GHz) 1.4 Insertion Loss: ≤0.1 x √ f(GHz) dB 1.5 Center Contact Resistance: ≤6 mΩ 1.6 Outer Contact Resistance: ≤2 mΩ 1.7 Voltage Rating: 335 V DC 1.8 Insulation Resistance: >5000MΩ Mechanical Performance 1.9 Mating Cycles: ≥500 2.0 Coupling Mechanism: Push-On 2.1 Interface Specification MIL-STD-348 2.2 Temperature Range: -65 °C ~ +165 °C Material 2.3 Body: Brass C3604 2.4 Insulator: PEEK 2.5 Center Pin: Brass C3604

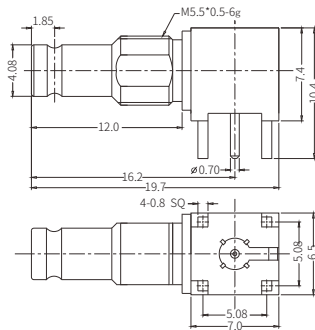
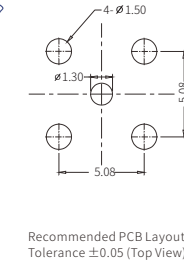
SMP Straight PCB Full Detent End Launch

D/N: 600-34576-01	Outline Dimensions	Technology Parameters
		Electrical Performance 1.1 Impedance: 50Ω +/-5Ω 1.2 Frequency Range: DC to 40 GHz 1.3 VSWR: ≤1.05 + √ f(GHz) dB 1.4 Insertion Loss: ≤0.1 x √ f(GHz) dB 1.5 Center Contact Resistance: ≤6 mΩ 1.6 Outer Contact Resistance: ≤2 mΩ 1.7 Voltage Rating: 335 V DC 1.8 Insulation Resistance: >5000MΩ Mechanical Performance 1.9 Mating Cycles: ≥500 2.0 Coupling Mechanism: Push-On 2.1 Interface Specification MIL-STD-348 2.2 Temperature Range: -65 °C ~ +165 °C Material 2.3 Body: Brass C3604 2.4 Insulator: PTFE 2.5 Center Pin: Brass C3604

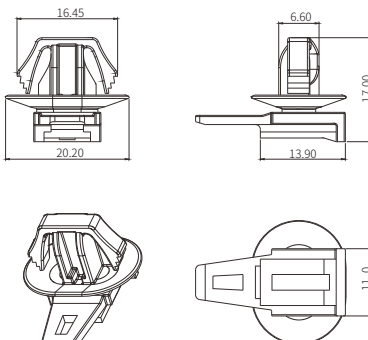
1.0-2.3 Straight PCB Jack

D/N: 600-17598-01	Outline Dimensions	Technology Parameters
		Electrical Performance 1.1 Impedance: 75Ω +/-5Ω 1.2 Frequency Range: DC to 3 GHz 1.3 VSWR: ≤1.30 1.4 Insertion Loss: ≤0.1 x √ f(GHz) dB 1.5 Center Contact Resistance: ≤6 mΩ 1.6 Outer Contact Resistance: ≤3 mΩ 1.7 Voltage Rating: 250 V DC 1.8 Insulation Resistance: >1000MΩ Mechanical Performance 1.9 Mating Cycles: ≥500 2.0 Coupling Mechanism: Push-Pull 2.1 Interface Specification IEC 60169-29 2.2 Temperature Range: -65 °C ~ +165 °C Material 2.3 Body: Brass C3604 2.4 Insulator: PTFE 2.5 Center Pin: Phosphor Bronze C5440

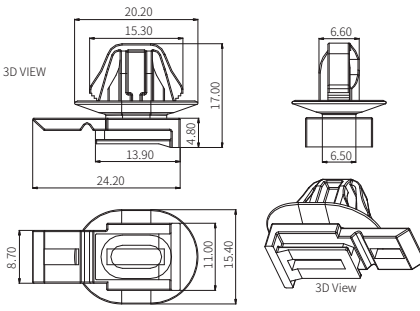
1.0-2.3 Right Angle PCB Jack

D/N: 600-17483-01	Outline Dimensions	PCB Layout	Technology Parameters
			Electrical Performance 1.1 Impedance: 75Ω +/-5Ω 1.2 Frequency Range: DC to 3 GHz 1.3 VSWR: ≤1.30 1.4 Insertion Loss: ≤0.1 x √ f(GHz) dB 1.5 Center Contact Resistance: ≤6 mΩ 1.6 Outer Contact Resistance: ≤3 mΩ 1.7 Voltage Rating: 250 V DC 1.8 Insulation Resistance: >1000MΩ Mechanical Performance 1.9 Mating Cycles: ≥500 2.0 Coupling Mechanism: Push-Pull 2.1 Interface Specification IEC 60169-29 2.2 Temperature Range: -65 °C ~ +165 °C Material 2.3 Body: Brass C3604 2.4 Insulator: PTFE 2.5 Center Pin: Phosphor Bronze C5440

Fakra Connector Cable Lock, 90° Clip 7x12

D/N: 600-28107-01	Outline Dimensions	Technology Parameters
		1.1 Material: PA6 1.2 Mating Cycles: ≥ 25(time) 1.3 Retention Force Latch: ≥ 60 N 1.4 Thermal Shock: Meet Item 8.2 of DIN 72594-2 1.5 Temperature and Humidity: Meet Item 8.3 of DIN 72594-2 1.6 Vibration and Mechanical Shock: Meet Item 8.1 of DIN 72594-2 1.7 Dry Heat: Meet Item 8.4 of DIN 72594-2 1.8 Environment Requirements: Meet RoHS 1.9 Packing: 100 pcs /PE Bag

Fakra Connector Cable Lock

D/N: 600-4186-01	Outline Dimensions	Technology Parameters
		1.1 Material: PA6 1.2 Mating Cycles: ≥ 25(time) 1.3 Retention Force Latch: ≥ 60 N 1.4 Thermal Shock: Meet Item 8.2 of DIN 72594-2 1.5 Temperature and Humidity: Meet Item 8.3 of DIN 72594-2 1.6 Vibration and Mechanical Shock: Meet Item 8.1 of DIN 72594-2 1.7 Dry Heat: Meet Item 8.4 of DIN 72594-2 1.8 Environment Requirements: Meet RoHS 1.9 Packing: 100 pcs /PE Bag

SMP Cable Connector,086, RG405

D/N: 600-44437-01

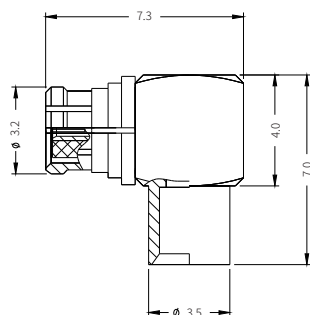
● Outline Dimensions

● PCB Layout

● Technology Parameters



Apply Cable	Part No.
670-086	818044437
RG405	



Electrical Performance

- 1.1 Impedance: 50Ω +/-5Ω
- 1.2 Frequency: DC to 6 GHz
- 1.3 VSWR: <1.30
- 1.4 Insertion Loss: $\leq 0.1 \times \sqrt{f(\text{GHz})}$ dB
- 1.5 Center Contact Resistance: ≤ 6 mΩ
- 1.6 Outer Contact Resistance: ≤ 2 mΩ
- 1.7 Rated Voltage: 335 V DC
- 1.8 Insulation Resistance: >5000MΩ

Mechanical Performance

- 1.9 Mating Cycles: ≥ 500
- 2.0 Coupling Mechanism: Push-On
- 2.1 Interface Specification: MIL-STD-348
- 2.2 Temperature Range: -65 °C ~ +165 °C

Material

- 2.3 Body: Brass C3604
- 2.4 Insulator: PTFE
- 2.5 Center Pin: Beryllium Copper

BNC Cable Connector, RG174, RG316, LMR100

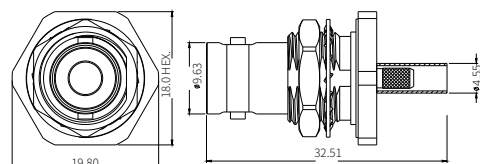
D/N: 600-27442-01

● Outline Dimensions

● Technology Parameters



Apply Cable	Part No.
RG174	818027442
RG316	
LMR100	



Electrical Performance

- 1.1 Impedance: 50Ω +/-5Ω
- 1.2 Frequency: DC to 3 GHz
- 1.3 VSWR: $\leq 0.1 \times \sqrt{f(\text{GHz})}$ dB
- 1.4 Insertion Loss:
- 1.5 Center Contact Resistance: ≤ 1.5 mΩ
- 1.6 Outer Contact Resistance: ≤ 0.2 mΩ
- 1.7 Rated Voltage: 500 V DC
- 1.8 Insulation Resistance: >5000MΩ

Mechanical Performance

- 1.9 Mating Cycles: ≥ 500
- 2.0 Coupling Mechanism: Bayonet
- 2.1 Interface Specification: IEC 60169-8
- 2.2 Temperature Range: -65 °C ~ +165 °C

Material

- 2.3 Body: Brass C3604
- 2.4 Insulator: PTFE
- 2.5 Center Pin: Beryllium Copper

BNC Cable Connector, 086, RG405

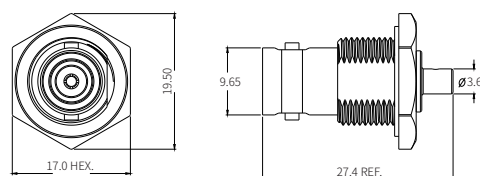
D/N: 600-43951-01

● Outline Dimensions

● Technology Parameters



Apply Cable	Part No.
670-086	818043951
RG405	



Electrical Performance

- 1.1 Impedance: 50Ω +/-5Ω
- 1.2 Frequency Range: DC to 3 GHz
- 1.3 VSWR: ≤ 1.30
- 1.4 Insertion Loss: $\leq 0.1 \times \sqrt{f(\text{GHz})}$ dB
- 1.5 Center Contact Resistance: ≤ 1.5 mΩ
- 1.6 Outer Contact Resistance: ≤ 0.2 mΩ
- 1.7 Voltage Rating: 500 V DC
- 1.8 Insulation Resistance: >5000MΩ

Mechanical Performance

- 1.9 Mating Cycles: ≥ 500
- 2.0 Coupling Mechanism: Bayonet
- 2.1 Interface Specification: IEC 60169-8
- 2.2 Temperature Range: -65 °C ~ +165 °C

Material

- 2.3 Body: Brass C3604
- 2.4 Insulator: PTFE
- 2.5 Center Pin: Beryllium Copper

750hm, BNC Jack Right Angle PCB CONN

D/N: 600-41652-01

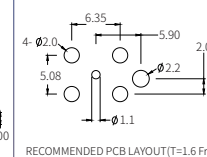
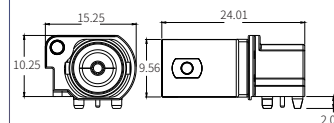
● Outline Dimensions

● PCB Layout

● Technology Parameters



Apply Cable	Part No.
	818041652



Electrical Performance

- 1.1 Impedance: 75Ω +/-5Ω
- 1.2 Frequency Range: DC to 12GHz
- 1.3 VSWR: ≤ 1.50
- 1.4 Insertion Loss: $\leq 0.1 \times \sqrt{f(\text{GHz})}$ dB
- 1.5 Center Contact Resistance: ≤ 1.5 mΩ
- 1.6 Outer Contact Resistance: ≤ 0.2 mΩ
- 1.7 Voltage Rating: 500 V DC
- 1.8 Insulation Resistance: >5000MΩ

Mechanical Performance

- 1.9 Mating Cycles: ≥ 500
- 2.0 Coupling Mechanism: Bayonet
- 2.1 Interface Specification: IEC 60169-8
- 2.2 Temperature Range: -65 °C ~ +165 °C

Material

- 2.3 Body: Brass C3604
- 2.4 Insulator: PTFE
- 2.5 Center Pin: Beryllium Copper

N-Type Panel Mount Jack 4-Hole Flange Solder Cup 50 Ohm

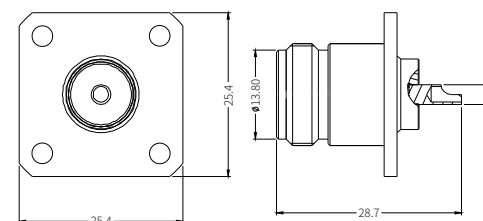
D/N: 600-28096-01

● Outline Dimensions

● Technology Parameters



Apply Cable	Part No.
	818028096



Electrical Performance

- 1.1 Impedance: 50Ω +/-5Ω
- 1.2 Frequency Range: DC to 4 GHz
- 1.3 VSWR: ≤ 1.30
- 1.4 Insertion Loss: $\leq 0.1 \times \sqrt{f(\text{GHz})}$ dB
- 1.5 Center Contact Resistance: ≤ 4.0 mΩ
- 1.6 Outer Contact Resistance: ≤ 1.0 mΩ
- 1.7 Voltage Rating: 500 V DC
- 1.8 Insulation Resistance: >5000MΩ

Mechanical Performance

- 1.9 Mating Cycles: ≥ 500
- 2.0 Coupling Mechanism: Threaded
- 2.1 Interface Specification: MIL-STD-348
- 2.2 Temperature Range: -65 °C ~ +165 °C

Material

- 2.3 Body: Brass C3604
- 2.4 Insulator: PTFE
- 2.5 Center Pin: Beryllium Copper

N-Type Cable Connector, 086, RG405

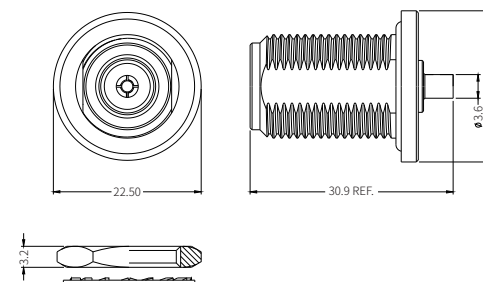
D/N: 600-41896-01

● Outline Dimensions

● Technology Parameters



Apply Cable	Part No.
670-086	818041896
RG405	



Electrical Performance

- 1.1 Impedance: 50Ω +/-5Ω
- 1.2 Frequency Range: DC to 6 GHz
- 1.3 VSWR: ≤ 1.30
- 1.4 Insertion Loss: $\leq 0.1 \times \sqrt{f(\text{GHz})}$ dB
- 1.5 Center Contact Resistance: ≤ 4.0 mΩ
- 1.6 Outer Contact Resistance: ≤ 1.0 mΩ
- 1.7 Voltage Rating: 500 V DC
- 1.8 Insulation Resistance: >5000MΩ

Mechanical Performance

- 1.9 Mating Cycles: ≥ 500
- 2.0 Coupling Mechanism: Threaded
- 2.1 Interface Specification: MIL-STD-348
- 2.2 Temperature Range: -65 °C ~ +165 °C

Material

- 2.3 Body: Brass C3604
- 2.4 Insulator: PTFE
- 2.5 Center Pin: Beryllium Copper

SMA Cable Connector, Waterproof,0.81,1.13,1.37,RG178

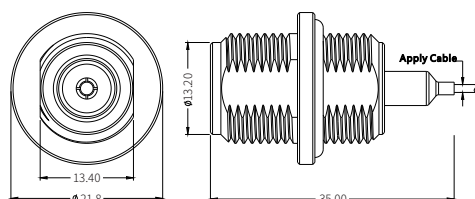
D/N: 600-43929-01

● Outline Dimensions

● Technology Parameters



Apply Cable	Part No.
0.81	818043929
1.13	818043930
1.37	818043931
RG178	818043932



Electrical Performance
1.1 Impedance: 50Ω +/-5Ω
1.2 Frequency: DC to 6 GHz
1.3 VSWR: ≤1.30
1.4 Insertion Loss: ≤ 0.1 x √f(GHz) dB
1.5 Center Contact Resistance: ≤4.0 mΩ
1.6 Outer Contact Resistance: ≤1.0 mΩ
1.7 Rated Voltage: 500 V DC
1.8 Insulation Resistance: >5000MΩ

Mechanical Performance
1.9 Mating Cycles: ≥500
2.0 Coupling Mechanism: Threaded
2.1 Interface Specification: MIL-STD-348
2.2 Temperature Range: -65 °C ~ +165 °C

Material
2.3 Body: Brass C3604
2.4 Insulator: PTFE
2.5 Center Pin: Beryllium Copper

N-Type Cable Connector, RG141

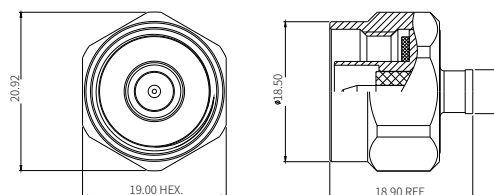
D/N: 600-17412-01

● Outline Dimensions

● Technology Parameters



Apply Cable	Part No.
Rg174	818017412



Electrical Performance
1.1 Impedance: 50Ω +/-5Ω
1.2 Frequency: DC to 6 GHz
1.3 VSWR: ≤ 0.1 x √f(GHz) dB
1.4 Insertion Loss:
1.5 Center Contact Resistance: ≤4.0mΩ
1.6 Outer Contact Resistance: ≤1.0 mΩ
1.7 Rated Voltage: 500 V DC
1.8 Insulation Resistance: >5000MΩ

Mechanical Performance
1.9 Mating Cycles: ≥500
2.0 Coupling Mechanism: Threaded
2.1 Interface Specification: MIL-STD-348
2.2 Temperature Range: -65 °C ~ +165 °C

Material
2.3 Body: Brass C3604
2.4 Insulator: PTFE
2.5 Center Pin: Brass C3604

N-Type Cable Connector, 7D-FB, LMR400

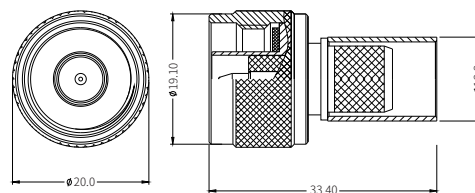
D/N: 600-17465-01

● Outline Dimensions

● Technology Parameters



Apply Cable	Part No.
7D-FB	818017465
LMR400	



Electrical Performance
1.1 Impedance: 50Ω +/-5Ω
1.2 Frequency Range: DC to 6 GHz
1.3 VSWR: ≤1.30
1.4 Insertion Loss: ≤ 0.1 x √f(GHz) dB
1.5 Center Contact Resistance: ≤4.0 mΩ
1.6 Outer Contact Resistance: ≤1.0 mΩ
1.7 Voltage Rating: 500 V DC
1.8 Insulation Resistance: >5000MΩ

Mechanical Performance
1.9 Mating Cycles: ≥500
2.0 Coupling Mechanism: Threaded
2.1 Interface Specification: MIL-STD-348
2.2 Temperature Range: -65 °C ~ +165 °C

Material
2.3 Body: Brass C3604
2.4 Insulator: PTFE
2.5 Center Pin: Brass C3604

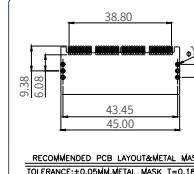
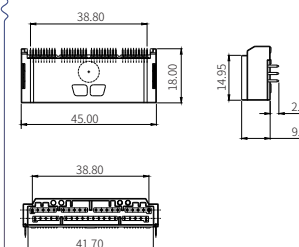
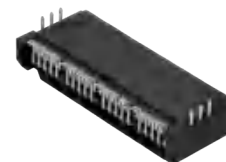
40P Board Side of Power Connector

D/N: 600-40455-01

● Outline Dimensions

● PCB Layout

● Technology Parameters



Electrical Performance
1.1 Rated Current: 2A/PIN
1.2 Rated Voltage: 12V
1.3 Contact Resistance: 25mΩ Max.
1.4 Insulation Resistance: 100 MΩ Min.
1.5 Dielectric Withstand Voltage: 500VAC

Mechanical Performance
1.6 Cycling: ≥25 Times
1.7 Mating force: 125N Max.
1.8 Disengagement Force: 130 N Max.
1.9 Retention Force Latch: 110 N Min.
2.0 Temperature Range: -40 °C ~ +105 °C

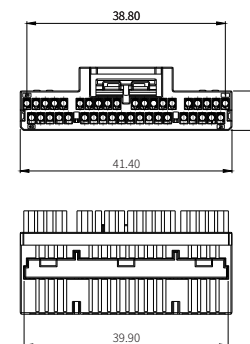
Material
2.1 Housing: PA
2.2 Latch: stainless steel
2.3 Long terminal: Copper Alloy
2.4 Short terminal: Copper Alloy

40P Cable Side of Power Connector

D/N: 600-40454-01

● Outline Dimensions

● Technology Parameters



Electrical Performance
1.1 Rated Current: 2A/PIN
1.2 Rated Voltage: 12V
1.3 Contact Resistance: 25mΩ Max.
1.4 Insulation Resistance: 100 MΩ Min.
1.5 Dielectric Withstand Voltage: 500VAC

Mechanical Performance
1.6 Cycling: ≥25 Times
1.7 Mating force: 125N Max.
1.8 Disengagement Force: 130 N Max.
1.9 Retention Force Latch: 110 N Min.
2.0 Temperature Range: -40 °C ~ +105 °C

Material
2.1 Housing: PA
2.2 Latch: stainless steel
2.3 Long terminal: Copper Alloy
2.4 Short terminal: Copper Alloy

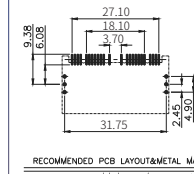
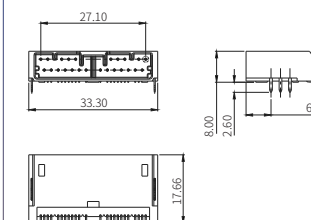
24P Board Side of Power Connector

D/N: 600-47269-01

● Outline Dimensions

● PCB Layout

● Technology Parameters



Electrical Performance
1.1 Rated Current: 2A/PIN
1.2 Rated Voltage: 12V
1.3 Contact Resistance: 25mΩ Max.
1.4 Insulation Resistance: 100 MΩ Min.
1.5 Dielectric Withstand Voltage: 500VAC

Mechanical Performance
1.6 Cycling: ≥25 Times
1.7 Mating force: 75N Max.
1.8 Disengagement Force: 7~75 N Max.
1.9 Retention Force Latch: 110 N Min.
2.0 Temperature Range: -40 °C ~ +105 °C

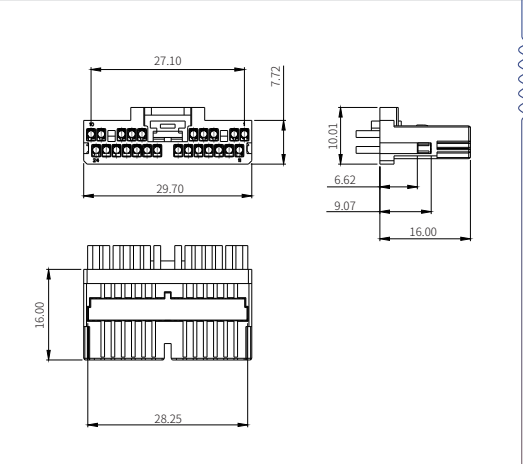
Material
2.1 Housing: PA
2.2 Latch: stainless steel
2.3 Long terminal: Copper Alloy
2.4 Short terminal: Copper Alloy

24P Cable Side of Power Connector

D/N: 600-47268-01

● Outline Dimensions

● Technology Parameters



- Electrical Performance**
- 1.1 Rated Current: 2A/PIN
 - 1.2 Rated Voltage: 12V
 - 1.3 Contact Resistance: 25mΩ Max.
 - 1.4 Insulation Resistance: 100 MΩ Min.
 - 1.5 Dielectric Withstand Voltage: 500VAC
- Mechanical Performance**
- 1.6 Cycling: ≥ 25 Times
 - 1.7 Mating force: 75N Max.
 - 1.8 Disengagement Force: 7~75 N Max.
 - 1.9 Retention Force Latch: 110 N Min.
 - 2.0 Temperature Range: -40 °C ~ +105 °C
- Material**
- 2.1 Housing: PA
 - 2.2 Latch: stainless steel
 - 2.3 Long terminal: Copper Alloy
 - 2.4 Short terminal: Copper Alloy

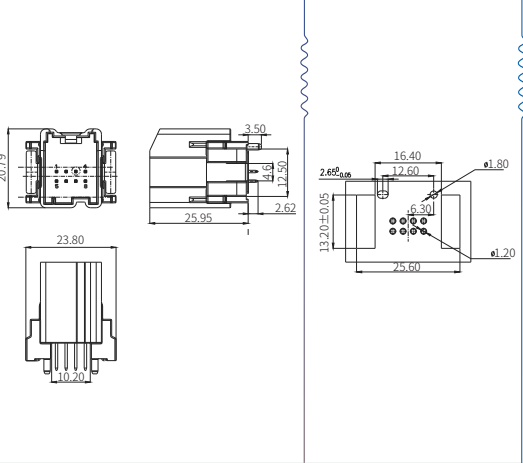
8P POW CON of Cockpit of Wisdom Screen

D/N: 600-34950-01

● Outline Dimensions

● PCB Layout

● Technology Parameters



- Electrical Performance**
- 1.1 Rated Current: 3A/PIN
 - 1.2 Rated Voltage: 24V
 - 1.3 Contact Resistance: 20mΩ Max.
 - 1.4 Insulation Resistance: 100 MΩ Min.
 - 1.5 Dielectric Withstand Voltage: 500VAC
- Mechanical Performance**
- 1.6 Cycling: ≥ 25 Times
 - 1.7 Mating force: 50N Max.
 - 1.8 Disengagement Force: 50 N Max.
 - 1.9 Retention Force Latch: 110 N Min.
 - 2.0 Temperature Range: -40 °C ~ +105 °C
- Material**
- 2.1 Housing: PA
 - 2.2 PAD: Copper Alloy
 - 2.3 Terminal: Copper Alloy



Corporate Values

People-oriented、Technology-driven、Customer-oriented、Integrity-based



Enterprise Talent

Provide more value space for capable employees.



Enterprise Mission

Provide fast and timely quality service to build famous product brands from the regional to the global.



Enterprise Version

To become an influential professional manufacturer in the global connector industry.
To be the benchmark of national enterprises and lead the others follow.



Core Value of Enterprise

Continue to cultivate and gather the best technology, design, manufacturing and service talents, and drive the capable personnel to create greater value.

ENTERPRISE CULTURE

Respect | Professionalism | Innovation | Service



COMPANY RESPONSIBILITY

Adhere to the scientific outlook on development road
and establish a respected corporate image.



Employee Health Protection

Establish a comprehensive rights and interests protection system and growth support mechanism to protect the life and health of enterprise workers.



Cultural Construction

Establish a corporate culture system to provide a good employment environment for employees.



Public Liability

Established public accountability system, advocated safe production and environmental protection, promoted energy conservation and pollution reduction and used clean energy to commit to human ecological harmony and social harmony.



Development Science And Technology

Attach great importance to the development of technology and become a technology-oriented enterprise.



Sustainable Development

Sustainable environment, sustainable operation.
Adhere to the scientific outlook on development, pay attention to environmental protection, and take the road of sustainable development.



Develop Enterprise Public Welfare And Strive For A Harmonious Society

Pursue the unity of social effect and economic benefit. To undertake the due responsibility for the healthy development of society and enterprises.



CONTACT US

ECT has expanded the range of market leading products with cutting-edge technology to provide our customers with interconnected world solutions to take their products to a new level continuously since 2006. As the business world becomes more and more highly integrated, interconnected business opportunities are being created and applied on a daily basis. We have grown steadily over the past decade and are committed to bringing value to our customers in consumer electronics, communication devices, Internet of Things and in-vehicle connectivity applications.

Competitive products...

High-speed automotive connectors with ECT occupy a leading share in China's domestic market.
Put us to the test on how competitive of our connectivity products— contact us for a quote.

Technical and solution advice...

Whether you want to find out why your current connectivity solution does not work the way you think it should be or ask us about an connected solution for a new project you are working on — we welcome your call.
Our one-stop interconnect technology solution helps optimize your design for better connectivity.

DEVELOPMENT STRATEGY

Technological Innovation

Promote technical innovation in the connector industry, open up the industrial chain from the chip end to the manufacturing and application end, and enhance the market competitiveness of the company in the pan-5G era.

Solution Provision

Play the leading role of technology research and development, continue to promote the development and achievement transformation of the new generation of RF technology and product miniaturization, and strive to become a professional connector manufacturer to provide customers with a complete set of connection solutions.

Industry-university-research Cooperation

Continue to deepen industry-university-research cooperation with research institutes, universities and other institutions. Promoting the transformation of scientific and technological achievements, accelerate the establishment of innovative R&D system with the company as the main body, the market as the guidance, and the close combination of government, industry, education and research. Improve the ability of independent innovation to ensure that the company in cutting-edge technology trends, new product research, research projects, personnel training and reserve to make a forward-looking layout.

Localization Layout

Strengthen the research and development of automotive connector products and automation production equipment, improve the delivery capacity and in-depth study of automotive connector in the field of Ethernet application and connection direction in high frequency environment, promote the domestic layout of automotive connector.

Overseas Strategy

Promote overseas strategic layout and increase the scale of international market share.

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