

ECTCONN® Connector / Spring Contact / Metal Stamping

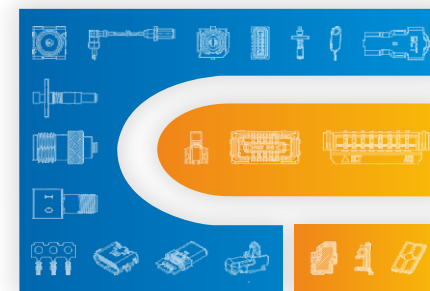
RF CONNECTOR CATALOGUE



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



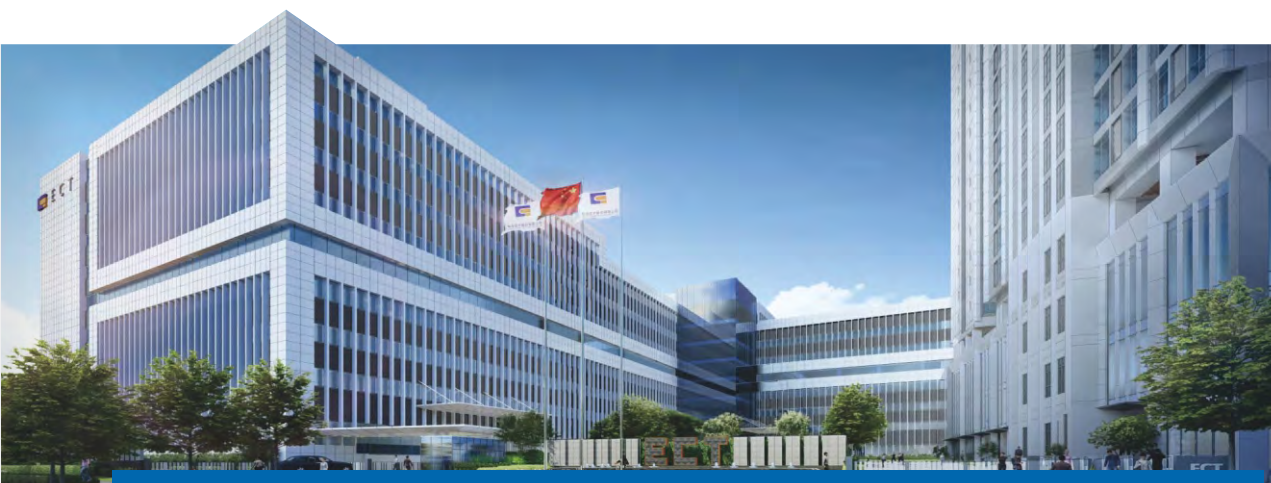


China Professional

Minitype RF Connector Manufacturer

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

ABOUT ECT



Year 2006

Founded

42.3 Million CNY

Registering Capital

28

Global Branches

7000+

Employees Worldwide

China Professional Minitype RF Connector Manufacturer

Electric Connector Technology Co., Ltd. (ECT) was established in 2006 in Shenzhen China with a registered capital of 42.3 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 28 branches globally including Taiwan, Hongkong, South Korea, Japan, Thailand, Vietnam and US etc. with more than 7,000 employees worldwide.

After years of dedicated development, ECT has become a professional manufacturer in the fields of RF connector, automotive 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 IATF 16949, ISO 9001, ISO 14001, ISO 45001, QC 080000, UL, ISO 27001, ISO17025, RBA VAP, ISO50001, ISO14064-1, AEOcertification and the CNAS qualification audit and conformity assessment, we have excellent qualifications and will be dedicated to provide you with excellent service.

ECT Worldwide

Headquarters



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- www.ectsz.com
- salescn@ectsz.com

Manufacturing Locations



- China (Shenzhen, Dongguan, Suzhou, Nanjing, Hefei, Wuhu, Chongqing)
- Thailand (Samut Prakan)
- Vietnam(Bac Ninh)

R&D Center



- China (Shenzhen, Shanghai, Nanjing)
- United States (San Diego, Bay Area/San Jose)

Branches



- China (Shenzhen, Dongguan, Suzhou, Shanghai, Nanjing, Hefei, Xi'an, Hongkong, Wuhu, Chongqing)
- 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)
- Singapore (Laumingda)

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MINI RF Series



01.1 MINI RF Switch Connector

Item	Image	ECT P/N	Product Name	Spec. Description	Compatible Info.	Page
1		818024666	MINI RF Switch CONN, Generation I	L3*W3*H1.75mm,With Switch, 50Ω, Nickel & Gold Plating(Full auto.)	Murata MM8430-2610, MM8430-2600 Amphenol MHC-310, 6310-83-001	52
2		818024668	MINI RF Switch CONN, Generation II	L2.5*W2.5*H1.5mm,With Switch, 50Ω, Nickel & Gold Plating(Full auto.)	Murata MM8130-2600	52
3		8180100055	MINI RF Switch CONN, Generation II	L2.3*W2.3*H1.35mm,With Switch, 50Ω, Nickel & Gold Plating(Full auto)	IPEX 20549-001E	52
4		818011998	MINI RF Switch CONN, Generation III	L2.0*W2.0*H0.90mm, With Switch, 50Ω, Nickel & Gold Plating(Full auto.)	Murata MM8030-2600, MM8030-2610 TE 1551372-1	53
5		818045095	MINI RF Switch CONN, Generation III	L2.0*W2.0*H0.90mm, With Switch, 50Ω, Nickel & Gold Plating(Full auto)	Murata MM8030-600, MM8030-2610	53
6		818003767	MINI RF Switch CONN, Generation IV	L1.8*W1.8*H0.85mm, With Switch, 50Ω, Nickel+Gold Plating (Full auto.)	HRS MS-180	53
7		818010311	MINI RF Switch CONN, Generation V (B Type)	L1.45*W1.45*H0.68mm,With Switch, 50Ω, Nickel+Gold Plating (Full auto.)	HRS MS-190	54
8		818025366	MINI RF Switch CONN, Generation VI	L1.4*W1.2*H0.65mm, With Switch, 50Ω, Nickel+Gold Plating (Full auto)	Murata MM8830-2600	54
9		818035928	MINI RF Switch CONN, Generation VII	L1.2*W1.0*H0.55mm, With Switch, 50Ω, Nickel+Gold Plating (Full auto)	/	54



01.2 MINI RF Measurement Probe

Item	Image	ECT P/N	Description	Dimension	Mating Connectors' P/N	Page
1		818017737	MINI RF I to SMA Female Measurement Probe	L20*W9*H35.5	818000001, 818000251	55
2		818017735	MINI RF II to SMA Female Measurement Probe	L18*W8*H28.13	818000001, 818000251 818000163, 818000276 818000417	55
3		818052946	MINI RF II to SMA Female Measurement Probe	L20*W9*H32.55	818051958, 8180100055	55
4		818017661	MINI RF III to SMA Female Measurement Probe	L20*W9*H33.3	818011998	56
5		818039200	MINI RF III to SMPM Female Measurement Probe	L14.4*W4*H24	818011998	56
6		818033486	MINI RF III to SMPM Female Measurement Probe	L14.4*W4*H24	818011998	56
7		818017733	MINI RF IV to ML51 Male Measurement Probe	L15*W3.5*H34.9	818003767	57
8		818017362	MINI RF IV to ML51 Male Measurement Probe	L3.5*W3.5*H23	818003767	57
9		818017615	MINI RF V-B to ML51 Male Measurement Probe	L13*W3.5*H34.9	818010311	57
10		818017363	MINI RF V-B to ML51 Male Measurement Probe	L3.5*W3.5*H23	818010311	58
11		818033471	MINI RF V-B to ML51 Male Measurement Probe	L13*W3.5*H23	818010311	58
12		818040823	MINI RF VI to SMPM Female Measurement Probe	L16.0*W4.0*H28.5	818011656, 818025366	58
13		818022975	Mini RF VI to SMPM Femal Measurement Probe, 0.81 Cable White	L14.4*W2.1*H22.3	818011656, 818025366	59



01.2 MINI RF Measurement Probe

Item	Image	ECT P/N	Description	Dimension	Mating Connectors' P/N	Page
14		818022450	MINI RF VI to ML51 Femal Measurement Probe	L 13*W3.5*H23	818011656, 818025366	59
15		818039769	Mini RF VII to ML51 Female Measurement Probe	L13*W3.5*H23	818035928	59
16		818040523	Mini RF VII to SMA Femal Measurement Probe, 0.81 Cable	L12.6*W2.1*H22.3	818035928	60

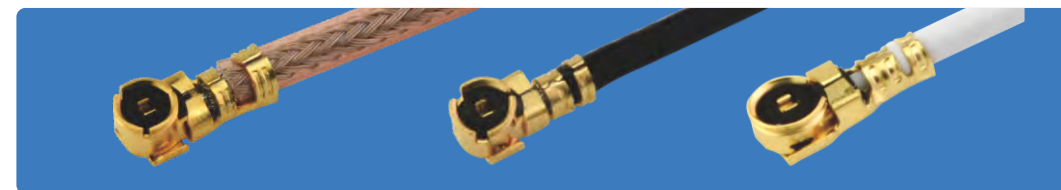
MINI RF Series



01.3 MINI RF Measurement Accessories

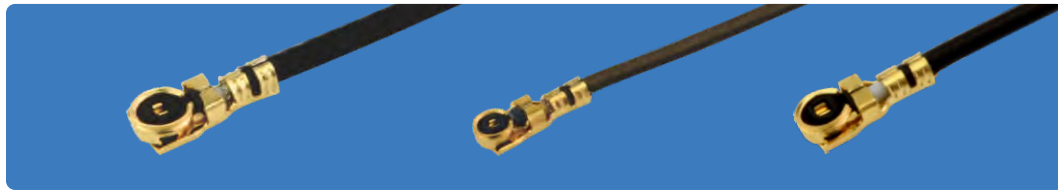
Item	Image	ECT P/N	Description	Dimension	Mating Connectors' P/N	Page
1		818017738	MINI RF I Plug to SMA Female, RG1.2 Cable White	L300*H15.26	818000001, 818000251 818000163, 818000276 818024666, 818024668	61
2		818052947	MINI RF II Plug to SMA Male, 1.32 Cable Black	L300*H14.9	818051958, 8180100055	61
3		818017505	MINI RF III Plug to SMA Female, 1.20 Cable White	L300*H15.6	818011998	61
4		818021014	MINI RF III Plug to SMA Female, 1.20 Cable White	L300*H15.26	818011998	61
5		818017732	MINI RF IV Plug to SMA Female, 1.2 Cable Black	L300*H22.5	818003767	62
6		818017663	MINI RF IV Plug to SMA Female, 1.13 Cable Brown	L300*H17.5	818003767	62
7		818016475	MINI RF V Plug to SMA Female, RG1.13 Cable Brown	L300*H17.5	818010311	62
8		818023420	MINI RF VI Plug to SMA Female, RG 0.64 Cable Black	L250*H16.3	818011656, 818025366	62
9		818023303	MINI RF VI Plug to SMA Female, 1.2 Cable White	L300*H17.5	818011656, 818025366	63
10		818042144	MINI RF VII Plug to SMA Female, 1.2 Cable White	L300*H16.4	818035928	63
11		818021698	SMPM Cable 5.8*5.8*3.1, φ1.37, L400, SMA-M	L400*H5.8	SMPM-SMA-M	63
12		818024908	SMPM-KW-1.37(Black)-SMP-KW-450MM	L450*H6.85	SMPM-SMP	63
13		818021699	ML51 Cable 8.5*7.5*4.0, φ1.78, L350, SMA-M	L350*H7.5	ML51-SMA	64

USS RF Series



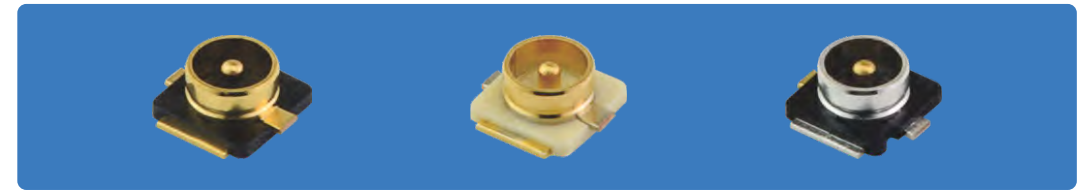
02.1 USS RF Plug

Item	Image	ECT P/N	Product Name	Spec. Description	Compatible Info.	Page
1		818001953	USS RF I Plug	50Ω, for RG178 Coaxial Cable, Mating Height = 2.50mm (with Rcpt. 0071, 0117,0281,0006,0368)	I-PEX 20278-1*1R-18	66
2		818022554	USS RF I Plug	50Ω, for DIA 1.13 Coaxial Cable, Mating Height = 2.65 mm (with Rcpt 0071, 0117,0281,0006,368)	I-PEX 3376-000*	66
3		818040980	USS RF I Plug	50Ω, for DIA 1.37 Coaxial Cable, Mating Height = 2.65 mm (with Rcpt 0071, 0117,0281,0006,368)	I-PEX 3376-000*	66
4		818000089	USS RF I Plug	50Ω, for Ø1.13 Coaxial Cable, Mating Height = 2.50mm (with Rcpt. 0071, 0117, 0281, 0006, 0368)	I-PEX 20278-1*1R-13, 20308-1*1R-13 HRS U.FL-LP-066 TE 2015487-*	66
5		818000189	USS RF I Plug	50Ω, for Ø1.37 Coaxial Cable, Mating Height = 2.50mm (with Rcpt. 0071, 0117, 0281, 0006, 0368)	I-PEX 20278-1*1R-32, 20351-1*2R-37 HRS U.FL-LP-088 TE 2015487-*	67
6		818000097	USS RF II Plug	50Ω, for Ø0.81 Coaxial Cable, Mating Height = 2.00 mm (with Rcpt. 0071, 0117, 0281, 0006, 0368)	I-PEX 20311-011R-08, 20312-011R-08 HRS U.FL-LP(V)-040 TE 2015697-*, 2015698-*	67
7		818000141	USS RF II Plug	50Ω, for Ø0.81 Coaxial Cable, Mating Height = 2.00mm (with Rcpt. 0068, 0158)	Murata MXTK	67
8		818003484	USS RF III Plug	50Ω, for Ø0.81 Coaxial Cable, Mating Height = 1.50mm (with Rcpt. 0157, 0976)	HRS W.FL-*LP-04*T-A-* I-PEX 20367-001R	67
9		818000984	USS RF III Plug	50Ω, for Ø1.13 Coaxial Cable, Mating Height = 1.45mm (with Rcpt. 0983)	I-PEX 20428-001R	68
10		818000532	USS RF IV Plug	50Ω, for Ø0.81 Coaxial Cable, Mating Height = 1.30mm Max. (with Rcpt. 0531,0931)	HRS W.FL2-*LP-04N*-A-*	68
11		818001928	USS RF IV Plug	50Ω, for Ø0.64 Coaxial Cable, Mating Height = 1.30 mm Max. (with Rcpt. 0531, 0931)	HRS W.FL2-*LP-04N*-A-*	68
12		818000501	USS RF IV Plug	50Ω, for Ø0.81 Coaxial Cable, Mating Height = 1.20mm Max. (with Rcpt. ECT818000500)	I-PEX 20448-001R-081 Murata MXHP32~	68
13		818004689	USS RF IV Plug	50Ω, for Ø0.81 Coaxial Cable, Mating Height = 1.20mm Max. (with Rcpt 4607)	I-PEX 20572-001R	69



02.1 USS RF Plug

Item	Image	ECT P/N	Product Name	Spec. Description	Compatible Info.	Page
14		818004922	USS RF IV Plug	50Ω, for Ø0.64 Coaxial Cable, Mating Height = 1.20mm Max. (with Rcpt 4607)	I-PEX 20572-001R	69
15		818001335	USS RF IV Plug	50Ω, for Ø0.64 Coaxial Cable, Mating Height = 1.20mm Max. (with Rcpt. ECT818000500)	I-PEX 20448-001R-081 Murata MXHP32~	69
16		818004070	USS RF V Plug	50Ω, for Ø0.64 Coaxial Cable, Mating Height = 1.00mm Max. (with Rcpt. 1467)	Murata MXJA01JA0***	69
17		818010045	USS RF V Plug	50Ω, 4 Pads, mounting on PCB/FPC Mating Height 0.90 mm Max. (with Rcpt. 2131)	HRS X.FL-PR-SMT Gigalane XVMP Murata MM2831-2700	70
18		818002132	USS RF V Plug	50Ω, for Ø0.64 Coaxial Cable, Mating Height = 1.00mm Max. (with Rcpt. 2131)	HRS X.FL-PL-040 I-PEX 20567-001R-81	70
19		818002418	USS RF V Plug	50Ω, for Ø0.81 Coaxial Cable, Mating Height = 1.00mm Max. (with Rcpt. 2131)	HRS X.FL-PL-040 I-PEX 20567-001R-81	70
20		818029402	USS RF V Plug	50Ω, for Ø1.13 Coaxial Cable, Mating Height 1.3 mm Max. (with Rcpt. 2131)	I-PEX 20668-001R-13	70
21		818003252	USS RF VI Plug	50Ω, for Ø0.50 Coaxial Cable, Mating Height = 0.80mm Max. (with Rcpt. 3076)	Murata MXKGB3	71
22		818032047	USS RF VI Plug	50Ω, for Ø0.64 Coaxial Cable, Mating Height = 0.90mm Max. (with Rcpt. 12700)	NA-	71
23		818048684	USS RF VI Plug	50Ω, for Ø0.50 Coaxial Cable, Mating Height = 0.90mm Max. (with Rcpt. 12700)	NA-	71
24		818024765	USS RF VII Plug WaveBee®	50Ω, for Ø1.13 Coaxial Cable, Mating Height 1.40 mm Max. (with Rcpt. 19863)	I-PEX 20980-001R-13(Ø1.13 Cable)	71
25		818025399	USS RF Dual-Port Connector WaveBee®	50Ω, for Ø1.13 Coaxial Cable, Mating Height 1.45 mm Max. (with Rcpt. 25398)	NA-	72



02.2 USS RF Receptacle

Item	Image	ECT P/N	Product Name	Spec. Description	Compatible Info.	Page
1		818000071	USS RF I Receptacle	L3.10*W3.00*H1.25mm, 50Ω, 3 Solder-pad, Mating Height = 2.00mm (with 0097), 2.50mm (with 0089), Shell Ag Plated, Housing Black	I-PEX 20314-001E-01 HRS U.FL-R-SMT Gigalane CMJ-S01-001	73
2		818000281	USS RF I Receptacle	L3.10*W3.00*H1.25mm, 50Ω, 3 Solder-pad, Mating Height = 2.00 mm (with 0097), 2.50mm (with 0089), Shell Au Plated, Housing Black	I-PEX 20279-001E-01 HRS U.FL-R-SMT Gigalane CMJ-S01-001	73
3		ECT818000368	USS RF I Receptacle	L3.1*W3.00*H1.25mm, 50Ω, 3 Solder-pad, Mating Height = 2.00 mm (with 0097), 2.50mm (with 0089), Shell Au Plated, Housing White	I-PEX 20279-001E-01 HRS U.FL-R-SMT Gigalane CMJ-S01-001	73
4		818000006	USS RF I Receptacle	L3.10*W3.00*H1.25mm, 50Ω, 4 Solder-pad, Mating Height = 2.00mm (with 0097), 2.50mm (with 0089), Shell Au Plated, Housing Black	I-PEX 20441-001E-01 Gigalane CMJ-S00-001	74
5		818000117	USS RF I Receptacle	L3.10*W3*H1.25mm, 50Ω, 4 Solder-pad, Mating Height = 2.00mm (with 0097), 2.50mm (with 0089), Shell Ag Plated, Housing Black	I-PEX 20441-001E-01 Gigalane CMJ-S00-001	74
6		818000158	USS RF II Receptacle	L3.00*W3.00*H1.15mm, 50Ω, 4 Solder-pad, Mating Height = 2.00mm (with 0141), Shell Ag Plated, Housing Black	Murata MM9329-2700 TE 1775146-1	74
7		818000068	USS RF II Receptacle	L3.00*W3.00*H1.15mm, 50Ω, 4 Solder-pad, Mating Height = 2.00mm (with 0141), Shell Au Plated, Housing Black	Murata MM9329-2700 TE 1775146-1	75
8		818000157	USS RF III Receptacle	L2.00*W2.00*H0.85mm, 50Ω, 4 Solder-pad, Mating Height = 1.50mm (with 3484,0445), Shell Ag Plated, Housing Black	I-PEX 20369-001E (MHF-3) HRS W.FL-R-SMT-1 Amphenol MHC-250	75
9		818000976	USS RF III Receptacle	L2.00*W2.00*H0.85mm, 50Ω, 4 Solder-pad, Mating Height = 1.50mm (with 3484,0445), Shell Au Plated, Housing Black	I-PEX 20369-001E (MHF-3) HRS W.FL-R-SMT-1 Amphenol MHC-250	75
10		818000983	USS RF III Receptacle	L3.00*W3.00*H0.63mm, 50Ω, 4 Solder-pad, Mating Height = 1.45mm (with 0984), Shell Au Plated, Housing Black	I-PEX 20429-001E	76
11		818000531	USS RF IV Receptacle	L2.00*W2.00*H0.70mm, 50Ω, 4 Solder-pad, Mating Height = 1.30mm Max. (with 0532), Shell Ag Plated, Housing Black	HRS W.FL2-R-SMT-1	76

USS RF Series



02.2 USS RF Receptacle

Item	Image	ECT P/N	Product Name	Spec. Description	Compatible Info.	Page
12		818000931	USS RF IV Receptacle	L2.00*W2.00*H0.70mm, 50Ω, 4 Solder-pad, Mating Height = 1.30 mm Max. (with 0532), Shell Au Plated, Housing Black	HRS W.FL2-R-SMT-1	76
13		ECT 818000500	USS RF IV Receptacle	L2.00*W2.00*H0.60mm, 50Ω, 4 Solder-pad, Mating Height = 1.20mm Max. (with 0501), Shell Au Plated, Housing Black	Murata MM4829-2702**	77
14		818004607	USS RF IV Receptacle	L2.00*W2.00*H0.60mm, 50Ω, 4 Solder-pad, Mating Height = 1.20mm Max. (with 4689), Shell Au Plated, Housing Black	I-PEX 20449-001E (MHF-4)	77
15		818002131	USS RF V Receptacle	L2.00*W2.00*H0.56mm, 50Ω, 4 Solder-pad, Mating Height = 1.00mm Max. (with 2132), Shell Au Plated, Housing Black	HRS X.FL-R-SMT-1(40) Murata MM2829-2700 I-PEX 20566-001E-01(MHF5 Rece)	77
16		818016509	USS RF V Receptacle	L2.00*W2.00*H0.56mm, 50Ω, 4 Solder-pad, Mating Height = 1.00mm Max. (with 2132), Shell Au Plated, Housing Black	HRS X.FL-R-SMT-1(40) Murata MM2829-2700 I-PEX 20566-001E-01(MHF5 Rece)	78
17		818003076	USS RF VI Receptacle	L1.20*W1.30*H0.40mm, 50Ω, 3 Solder-pad, Mating Height = 0.80mm Max. (with 3252), Shell Au Plated, Housing Black	Murata MM6829-2700**	78
18		818012700	USS RF VI Receptacle	L1.60*W1.60*H0.50mm, 50Ω, 3 Solder-pad, Mating Height = 0.90mm Max. (with 32047), Shell Au Plated, Housing Black	NA	78
19		818019863	USS RF VII Receptacle WaveBee®	L2.0*W2.0*H0.53mm, 50Ω, 4 Solder-pad, Mating Height = 1.40 mm Max. (with 19862), Shell Au Plated, Housing Black	I-PEX 20981-001E-01	79
20		818025398	USS RF Dual-Port Connector WaveBee®	L2.0*W3.2*H0.73mm, 50Ω, Mating Height = 1.45 mm Max. (with 25399), Shell Au Plated, Housing Black	NA	79

USS RF Series



02.3 USS RF Measurement Probe & Accessories

Item	Image	ECT P/N	Product Name	Spec. Description	Mating Connector's P/N	Page
1		818003961	USS RF I Receptacle to SMA Female	L14.5 * ø6.9	818000071, 818000281 818000368, 818000117 818000006, 818001867	80
2		818003646	USS RF I Receptacle to SMA Female	L14 * ø7.0	818001953, 818000189 818000089, 818000097 818000444	80
3		818021926	USS RF I/II to ML51 Male Measurement Probe	L12*W4.2*H22.8	818000071, 81000368 818000006	80
4		818004937	USS RF I/II to ML51 Male Measurement Probe	L12*W4.2*H22.8	818000071, 81000368 818000006	80
5		818000544	USS RF III Receptacle to SMA Female	L18 * ø6.5	818000455 818003484 818001217	81
6		818002914	USS RF III Receptacle to SMA Female	L13.5 * ø7.0	818000983	81
7		818000547	USS RF III Receptacle to SMA Female	L17.6 * ø6.5	818000157 818000976 818001772	81
8		818004460	USS RF III Receptacle to SMA Female	L17.6 * ø6.5	818000983	81
9		818001301	USS RF IV Receptacle to SMA Female	L13 * H8	818001376, 818001377 818000501, 818001335 818001909	82
10		818001300	USS RF V Receptacle to SMA Female	L18 * ø6.4	ECT 818000500 818000531 818000931	82
11		818045873	USS RF IV to SMPM Female Measurement Probe	L14.3*W4.5*H24.1	818000500	82
12		818045874	USS RF V to SMPM Female Measurement Probe	L14.3*W4.5*H24.1	818002131	82



02.3 USS RF Measurement Probe & Accessories

Item	Image	ECT P/N	Product Name	Spec. Description	Mating Connector's P/N	Page
13		818017364	USS RF III/V to ML51 Male Measurement Probe	L3.5*W3.5*H23	818000157, 818000976 818000531, 818000931 ECT 818000500, 818002131	83
14		818022025	USS RF III/V to SMPM Male Measurement Probe	L14.4*W4*H24.2	818000157, 818000976 818000531, 818000931 ECT 818000500, 818002131	83
15		818017734	USS RF III/V to ML51 Male Measurement Probe	L12*W3.5*H34.9	818000157, 818000976 818000531, 818000931 ECT 818000500, 818002131	83
16		818001302	USS RF IV&V Receptacle to SMA Female	L13 * H8	818000532, 818001928 818001506, 818002418 818002132, 818002425	83
17		818004444	USS RF VI Receptacle to SMA Female	L13.5 * Ø6.9	818003252	84
18		818004445	USS RF VI Receptacle to SMA Female	L14.5 * Ø6.9	818003076	84
19		818023359	USS RF VI to ML51 Male Measurement Probe	L8*W3.5*H23	818003076	84
20		818029017	USS RF VI to ML51 Male Measurement Probe	L12*W3.5*H23	818012700	84
21		818018162	USS RF IV Plug to SMA Female, RG 1.2 Cable White	L300*H11.2	ECT 818000500	85
22		818018163	USS RF IV/V Plug to SMA Female, RG1.2 Cable White	L300*H11.2	818002131	85
23		818027381	USS RF V Plug to SMA Female, RG1.2 Cable White	L300*H17.5	818002131	85
24		818025382	USS RF VI Plug to SMA Female, RG1.2 Cable White	L300*H17.5	818003076	85



03.1 SCS Switch Connector

Item	Image	ECT P/N	Product Name	Spec. Description	Compatible Info.	Page
1		818000147	SCS RF Switch Connector, R/A SW, DIP Type (卧式带开关, 板上DIP型)	L6.15*W4.20*H2.25mm, with Switch, 50Ω, Interface Ø2.10mm	Amphenol MHC-850D, 6850-83-001	87
2		818000238	SCS RF Switch Connector, R/A SW, SMT+DIP Type (卧式带开关, 沉板SMT+DIP型)	L6.90*W4.80*H3.10mm, with Switch, 50Ω, Interface Ø2.50mm	Customized	87
3		818021732	SCS RF Switch Connector, R/A SW, SMT+DIP Type, 6G (卧式带开关, 沉板SMT+DIP型6G)	L6.90*W4.8*H3.1mm, with Switch, 50Ω, Interface Ø 2.5mm	Customerized	87
4		818000239	SCS RF Switch Connector, R/A SW, SMT Type (卧式带开关, 沉板SMT型)	L6.90*W4.80*H3.10mm, with Switch, 50Ω, Interface Ø2.50mm	SMK CRS5001-5001F	88
5		818000307	SCS RF Switch Connector, V/T SW, SMT Type (立式带开关, 板上SMT型)	L5.80*W4.40*H3.90mm, with Switch, 50Ω, Interface Ø3.40mm	HRS MS-147	88
6		818000452	SCS RF Switch Connector, R/A SW, SMT Type (卧式带开关, 板上SMT型)	L6.95*W3.80*H3.20mm, with Switch, 50Ω, Interface Ø2.50mm	SMK CRS5001-5701F CRS5001-3702F	88
7		818000457	SCS RF Switch Connector, R/A SW, DIP Type (卧式带开关, 板上DIP型)	L6.95*W3.80*H3.20mm, with Switch, 50Ω, Interface Ø2.50mm	Customized	89
8		818024767	SCS RF Switch Connector, R/A SW, DIP Type (卧式带开关, 板上DIP型6G)	L6.95*W3.8*H3.2mm, with Switch, 50Ω, Interface Ø 2.5mm	Customerized	89
9		818000601	SCS RF Switch Connector, R/A SW, DIP Type (卧式带开关, 板上DIP型)	L6.95*W3.40*H2.80mm, with Switch, 50Ω, Interface Ø2.10mm	Customized	89
10		818001340	SCS RF Switch Connector, R/A SW, 4 DIP Type (卧式带开关, 沉板型 4 DIP)	L6.90*W4.60*H3.10mm, with Switch, 50Ω, Interface Ø2.10mm	Customized	90

SCS Series



03.2 SCS RF Measurement Accessories

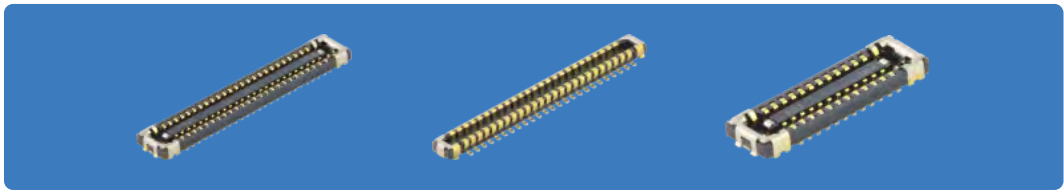
Item	Image	ECT P/N	Product Name	Spec. Description	Compatible Info.	Page
1		818000159	SCS RF Connector, R/A RF Test Cable	Match ECT P/N 818000147, Interface Ø2.10mm	Customized	91
2		818023115	SCS RF Connector, R/A RF Test Cable	Match ECT P/N 818000147, Interface Ø2.10mm	Customized	91
3		818000496	SCS RF Connector, V/T RF Test Cable	Match ECT P/N 818000307, Interface Ø3.40mm	HRS MS-147-C(LP)-1	91
4		818000407	SCS RF Connector, R/A RF Test Cable	Match ECT P/N 818000238, 239, 452, 457, Interface Ø2.50mm	SMK HRC8901-03XXF	91
5		818023116	SCS RF Connector, R/A RF Test Cable	Match ECT P/N 818000238, 239, 452, 457, 818021732, 818024767 Interface Ø2.50mm	Customized	92

BTB Series



04.1 General BTB Connector

Item	Image	ECT P/N	Product Name	Spec. Description	Compatible Info.	Serial No.	Page
1		818003839	General BTB Connector	BTB Pitch0.4, H0.8, 10P, Plug	Panasonic AXE6*	EH01	94
2		818003841	General BTB Connector	BTB Pitch0.4, H0.8, 24P, Plug			
3		818003048	General BTB Connector	BTB Pitch0.4, H0.8, 30P, Plug			
4		818003845	General BTB Connector	BTB Pitch0.4, H0.8, 40P, Plug			
5		818003840	General BTB Connector	BTB Pitch0.4, H0.8, 10P, Recep.	Panasonic AXE5*		94
6		818003842	General BTB Connector	BTB Pitch0.4, H0.8, 24P, Recep.			
7		818003049	General BTB Connector	BTB Pitch0.4, H0.8, 30P, Recep.			
8		818003846	General BTB Connector	BTB Pitch0.4, H0.8, 40P, Recep.			
9		818022628	General BTB Connector	BTB Pitch0.35 H0.60, 16+2P Recep.	JAE WH04	EH02	94
10		818022629	General BTB Connector	BTB Pitch0.35 H0.60, 16+2P Plug	JAE WH04		94
11		818022630	General BTB Connector	BTB Pitch0.35 H0.60, 24+2P Recep.	JAE WH04		95
12		818022631	General BTB Connector	BTB Pitch0.35 H0.60, 24+2P Plug	JAE Wh04		95
13		818022632	General BTB Connector	BTB Pitch0.35 H0.60, 50+2P Recep.	JAE WH04		95
14		818022633	General BTB Connector	BTB Pitch0.35 H0.60, 50+2P Plug	JAE Wh04		95
15		818023199	General BTB Connector	BTB Pitch0.35 H0.60, 10+2P Recep.	HRS BK13C06	EH03	96
16		818023198	General BTB Connector	BTB Pitch0.35 H0.60, 10+2P Plug	HRS BK13C06		96



04.1 General BTB Connector

Item	Image	ECT P/N	Product Name	Spec. Description	Compatible Info.	Serial No.	Page
17		818024510	General BTB Connector	BTB, Pitch0.3, H0.6, 78P Recept.	—	EH06	96
18		818024509	General BTB Connector	BTB, Pitch0.3, H0.6, 78P Plug	—		96
19		818030230	General BTB Connector	BTB, Pitch0.3, H0.6, 50P Recept.	—		97
20		818030229	General BTB Connector	BTB, Pitch0.3, H0.6, 50P Plug	—		97
21		818031528	General BTB Connector	BTB, Pitch0.3, H0.6, 30P Recept.	—		97
22		818031529	General BTB Connector	BTB, Pitch0.3, H0.6, 30P Plug	—		97
23		818025778	General BTB Connector	BTB, Pitch0.35, H0.6, 40P Recept.	JAE AJ26DK	EH07	98
24		818025777	General BTB Connector	BTB, Pitch0.35, H0.6, 40P Plug	JAE AJ26DK		98
25		818032164	General BTB Connector	BTB, Pitch0.35, H0.6, 50P Recept.	JAE AJ26DK		98
26		818032163	General BTB Connector	BTB, Pitch0.35, H0.6, 50P Plug	JAE AJ26DK		98
27		818032767	General BTB Connector	BTB Pitch0.35 H0.6, 24P Plug.	JAE AJ26DK		99
28		818032768	General BTB Connector	BTB Pitch0.35 H0.6, 24P Recept.	JAE AJ26DK		99
29		818038211	General BTB Connector	BTB Pitch0.35 H0.6, 30P Plug.	JAE AJ26DK		99
30		818038210	General BTB Connector	BTB Pitch0.35 H0.6, 30P Recept.	JAE AJ26DK		99
31		818045623	General BTB Connector	BTB Pitch0.35 H0.6, 60P Plug	JAE AJ26DK		100
32		818045624	General BTB Connector	BTB Pitch0.35 H0.6, 60P Recept.	JAE AJ26DK		100



04.1 General BTB Connector

Item	Image	ECT P/N	Product Name	Spec. Description	Compatible Info.	Serial No.	Page
33		818032470	General BTB Connector	BTB, Pitch0.30, H0.6, 24P Recept.	—	EH08	100
34		818032471	General BTB Connector	BTB, Pitch0.3, H0.6, 24P Plug	—		100
35		818032468	General BTB Connector	BTB, Pitch0.30, H0.6, 68+6P Recept.	—	EH09	101
36		818032469	General BTB Connector	BTB, Pitch0.3, H0.6, 68+6P Plug	—		101
37		818051886	General BTB Connector	BTB-10PIN-CONN -RECEP P0.3MM H0.50MM Eh11	customized	EH11	101
38		818051887	General BTB Connector	BTB-10PIN-CONN -PLUG P0.3MM H0.50MM Eh11	customized		101
39		818051814	General BTB Connector	BTB-16PIN-CONN -RECEP P0.3MM H0.50MM Eh11	customized		102
40		818051815	General BTB Connector	BTB-16PIN-CONN -PLUG P0.3MM H0.50MM Eh11	customized		102
41		818051816	General BTB Connector	BTB-24PIN-CONN -RECEP P0.3MM H0.50MM Eh11	customized		102
42		818051817	General BTB Connector	BTB-24PIN-CONN -PLUG P0.3MM H0.50MM Eh11	customized		102
43		818051818	General BTB Connector	BTB-32PIN-CONN -RECEP P0.3MM H0.50MM Eh11	customized		103
44		818051819	General BTB Connector	BTB-32PIN-CONN -PLUG P0.3MM H0.50MM Eh11	customized		103
45		818044587	General BTB Connector	P0.30mm H0.50 40+2PIN PLUG	customized		103
46		818044588	General BTB Connector	P0.30mm H0.50 40+2PIN RECP	customized		103
47		818053991	General BTB Connector	P0.30mm H0.50 50+2PIN PLUG	customized		104
48		818053992	General BTB Connector	P0.30mm H0.50 50+2PIN RECP	customized		104



04.1 General BTB Connector

Item	Image	ECT P/N	Product Name	Spec. Description	Compatible Info.	Serial No.	Page
49		818053989	General BTB Connector	P0.30mm H0.50 60+2PIN PLUG	customized	EH11	104
50		818053990	General BTB Connector	P0.30mm H0.50 60+2PIN RECP	customized		104

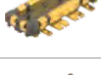


04.2 RF BTB Connector

Item	Image	ECT P/N	Product Name	Spec. Description	Compatible Info.	Serial No.	Page
1		818011603	RF BTB Connector	RF BTB, Double Row, H0.60, 5Pin Plug	—	ER01	105
2		818011604	RF BTB Connector	RF BTB, Double Row, H0.60, 5Pin Recep.	—		105
3		8180100055	RF BTB Connector	RF BTB, Double Row, H0.60, 16Pin Plug	HRS	ER02	105
4		818011732	RF BTB Connector	RF BTB, Double Row, H0.60, 16Pin Recep.	HRS		106
5		818021366	RF BTB Connector	RF BTB, P0.35*H0.60, 10Pin Plug	—	ER03	106
6		818021367	RF BTB Connector	RF BTB, P0.35*H0.60, 10Pin Recep.	—		106
7		818019183	RF BTB Connector	RF BTB Plug, P0.35*H0.70	—	ER05	107
8		818022986	RF BTB Connector	RF BTB Recep., P0.35*H0.70 Design Two	—		107
9		818030232	RF BTB Connector	RF BTB Plug, P0.35*H0.60, 8P	—	ER06	107
10		818030242	RF BTB Connector	RF BTB Recep., P0.35*H0.60, 8P	—		108
11		818028151	RF BTB Connector	RF BTB P0.35 H0.60 8PIN GEN5 PLUG	LST05-8P -H06-E20000	ER07	108
12		818028161	RF BTB Connector	RF BTB P0.35 H0.60 8PIN GEN5 RECP	LST05-8S -H06-E20000		108



04.3 Battery BTB Connector

Item	Image	ECT P/N	Product Name	Spec. Description	Compatible Info.	Serial No.	Page
1		818003562	Battery BTB Connector	Battery BTB, H0.75, 8Pin Plug	Molex 505006-0810	EB01	109
2		818003563	Battery BTB Connector	Battery BTB, H0.75, 8Pin Recep.	Molex 505004-0810		109
3		818003969	Battery BTB Connector	Battery BTB, P1.30 H0.90, 6Pin Plug	SMK CPB9506-010*	EB02	109
4		818003968	Battery BTB Connector	Battery BTB, P1.30 H0.90, 6Pin Recep.	SMK CPB9405-010*		110
5		818011189	Battery BTB Connector	Battery BTB, H0.60, 6Pin Plug	Panasonic B01 Series (AXF461500)	EB03	110
6		818013470	Battery BTB Connector	Battery BTB, H0.60, 6Pin Recep.	Panasonic B01 Series (AXF361500)		110
7		818018136	Battery BTB Connector	Battery BTB, Double Row, H0.60, 6Pin Recep	SMK CPBA206	EB05	111
8		818018137	Battery BTB Connector	Battery BTB, Double Row, H0.60, 6Pin Plug	SMK CPBA306		111
9		818021443	Battery BTB Connector	Battery BTB, H0.70, 8Pin Plug	HRS BM25	EB06	111
10		818021442	Battery BTB Connector	Battery BTB, H0.70, 8Pin Recep.	HRS BM25		112
11		818022004	BatteryBTB Connector	Battery BTB, H0.70, 8P, 15A, Recep.	—	EB08	112
12		818022003	BatteryBTB Connector	Battery BTB, H0.70, 8P, 15A, Plug	—		112



04.3 Battery BTB Connector

Item	Image	ECT P/N	Product Name	Spec. Description	Compatible Info.	Serial No.	Page
13		818033078	Battery BTB Connector	Battery BTB P0.35 H0.6 6+2P 3A Recep	HRS BM26B0.6-6DS/2-0.35V	EB10	113
14		818033079	Battery BTB Connector	Battery BTB P0.35 H0.6 6+2P 3A Plug	HRS BM26B0.6-6DS/2-0.35V		113
15		818032526	Battery BTB Connector	Battery BTB P0.35 H0.6 4+2P 3A Recep	HRS BM26B0.6-6DS/2-0.35V	EB10	113
16		818032527	Battery BTB Connector	Battery BTB P0.35 H0.6 4+2P 3A Plug	HRS BM26B0.6-6DS/2-0.35V		114
17		818039090	Battery BTB Connector	Battery BTB P0.35 H0.6 2+2P 3A Recep	HRS BM26B0.6-6DS/2-0.35V	EB10	114
18		818039091	Battery BTB Connector	Battery BTB P0.35 H0.6 2+2P 3A Plug	HRS BM26B0.6-6DS/2-0.35V		114
19		818041732	Battery BTB Connector	Battery BTB P0.40 H0.50 8Pin 15A Recep	customized	EB11	115
20		818041733	Battery BTB Connector	Battery BTB P0.40 H0.50 8Pin 15A Plug	customized		115
21		818044136	Battery BTB Connector	Battery BTB P0.35 H0.50 10PIN 17A RECP	customized	EB13	115
22		818044137	Battery BTB Connector	Battery BTB P0.35 H0.50 10PIN 17A PLUG	customized		116
23		818049920	Battery BTB Connector	Battery BTB P0.40 H0.70 10PIN 15A RECP	Molex 216656	EB15	116
24		818049921	Battery BTB Connector	Battery BTB P0.40 H0.70 10PIN 15A PLUG	Molex 216657		116



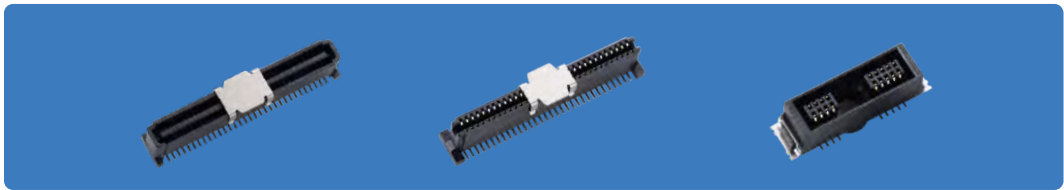
04.3 Battery BTB Connector

Item	Image	ECT P/N	Product Name	Spec. Description	Compatible Info.	Serial No.	Page
25		818053326	Battery BTB Connector	Battery BTB P0.35 H0.50 10PIN 15A RECP	customized	EB16	117
26		818053327	Battery BTB Connector	Battery BTB P0.35 H0.50 10PIN 15A PLUG			117



04.4 Floating BTB Connector

Item	Image	ECT P/N	Product Name	Spec. Description	Compatible Info.	Serial No.	Page
1		818022026	Floating BTB Connector	Floating BTB, P0.635*H4.30, 60Pin, Recep.	KEL DW11-060S-A	EiF01	118
2		818022027	Floating BTB Connector	Floating BTB, P0.635*H5.50, 60Pin, Plug	KEL DW01-060S-BT		118
3		818032889	Floating BTB Connector	Floating BTB, P0.5*H17.85, 80Pin, Plug	HRS FX23-80P-0.5 SV20(20)	EiF02	118
4		818032890	Floating BTB Connector	Floating BTB, P0.5*H5.80, 80Pin, Recep.	HRS FX23L-80S-0.5SV		119
5		8180760001	Floating BTB Connector	Floating BTB, P0.8*H9.20 60Pin, Recep	IRISO 9828	EiF03	119
6		8180770001	Floating BTB Connector	Floating BTB, P0.5*H7.50 60 Pin,Plug.	IRISO 9827		119
7		8180760002	Floating BTB Connector	Floating BTB, P0.8*H9.20 40 Pin,Recep	IRISO 9828	EiF04	120
8		8180770002	Floating BTB Connector	Floating BTB, P0.5*H7.50 40 Pin,Plug.	IRISO 9827		120



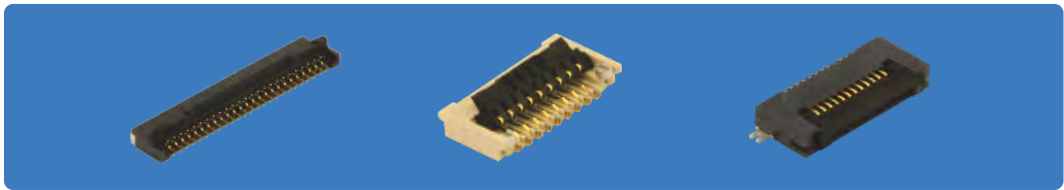
04.5 High Speed BTB Connector

Item	Image	ECT P/N	Product Name	Spec. Description	Serial No.	Page
1		818023745	High Speed BTB Connector	High Speed BTB, P1.00mm*H11.60, 64Pin Plug (非浮动)	Ei01	121
2		818023746	High Speed BTB Connector	High Speed BTB, P1.00mm*H11.60, 64Pin Recep. (非浮动)		121
3		818028832	High Speed BTB Connector	High Speed BTB, P1.0mm*H8.1mm, 18Pin Plug	Ei02	121
4		818030926	High Speed BTB Connector	High Speed BTB, P0.8mm*H20.0mm, 40Pin Recep.	Ei03	122



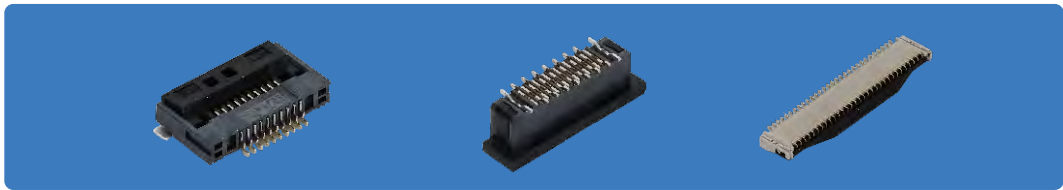
05.1 General FPC Connector

Item	Image	ECT P/N	Product Name	Spec. Description	Compatible Info.	Page
1		818011850	FPC CONN	FPC 0.3 Front Flip H=1.0 11P	Kyocera 6844 Series	124
2		818001568	FPC CONN	FPC 0.3 Front Flip H=1.0 13P	HRS FH26 Series	124
3		818003443	FPC CONN	FPC 0.3 Front Flip H=1.0 15P		
4		818003444	FPC CONN	FPC 0.3 Front Flip H=1.0 21P		
5		818001569	FPC CONN	FPC 0.3 Front Flip H=1.0 25P		
6		ECT 818001569	FPC CONN	FPC 0.3 Front Flip H=1.0 25P		
7		818003213	FPC CONN	FPC 0.3 Front Flip H=1.0 31P		
8		ECT 818003213	FPC CONN	FPC 0.3 Front Flip H=1.0 31P		
9		818003734	FPC CONN	FPC 0.3 Front Flip H=1.0 33P		
10		818001570	FPC CONN	FPC 0.3 Front Flip H=1.0 39P		
11		ECT 818001570	FPC CONN	FPC 0.3 Front Flip H=1.0 39P		
12		818019237	FPC CONN	FPC 0.3 Front Flip H=1.0 45P		
13		818003185	FPC CONN	FPC 0.5 Front Flip H=1.0 4P	HRS FH19C Series	124
14		818001566	FPC CONN	FPC 0.5 Front Flip H=1.0 6P		
15		818003186	FPC CONN	FPC 0.5 Front Flip H=1.0 8P		
16		818001783	FPC CONN	FPC 0.5 Front Flip H=1.0 10P		
17		818003628	FPC CONN	FPC 0.5 Front Flip H=1.0 4P	HRS FH19SC Series	125
18		818003596	FPC CONN	FPC 0.5 Front Flip H=1.0 6P		
19		818003629	FPC CONN	FPC 0.5 Front Flip H=1.0 8P		
20		818003630	FPC CONN	FPC 0.5 Front Flip H=1.0 10P		
21		818003188	FPC CONN	FPC 0.5 Back Lock H=1.0 4P	HRS FH34 Series Panasonic Y5B	125
22		818002390	FPC CONN	FPC 0.5 Back Lock H=1.0 6P		
23		818003189	FPC CONN	FPC 0.5 Back Lock H=1.0 8P		
24		818002391	FPC CONN	FPC 0.5 Back Lock H=1.0 10P		
25		818019533	FPC CONN	FPC 0.5 Back Lock H=1.0 16P		
26		818012732	FPC CONN	FPC 0.5 Back Lock H=1.0 24P		
27		818016970	FPC CONN	FPC 0.5 Back Lock H=1.0 26P		
28		818019593	FPC CONN	FPC 0.5 Back Lock H=1.0 30P		
29		818016971	FPC CONN	FPC 0.5 Back Lock H=1.0 32P		
30		818016972	FPC CONN	FPC 0.5 Back Lock H=1.0 50P		



05.1 General FPC Connector

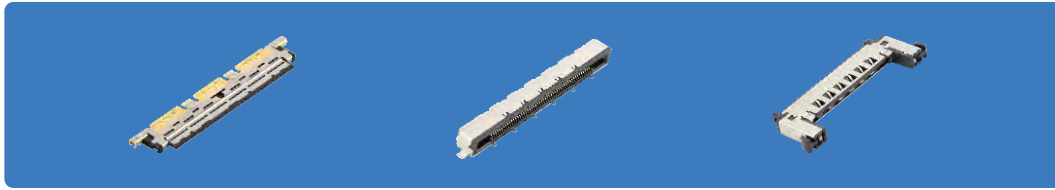
Item	Image	ECT P/N	Product Name	Spec. Description	Compatible Info.	Page
31		818016974	FPC CONN	FPC 0.3 Back Lock H=0.9 51P	FH35 C	125
32		818013415	FPC CONN	FPC 0.25 Front Lock H=1.0 61P	Kyocera 6844 Series	126
33		818011849	FPC CONN	FPC 0.25 Front Lock H=1.0 17P		
34		818017211	FPC CONN	FPC 0.5 Front Lock H=1.5 12P	/	126
35		818015824	FPC CONN	FPC 0.5 Front Lock H=1.9 42P	/	127
36		818019090	FPC CONN	FPC 0.5 Front Lock H=1.9 60P		
37		818016973	FPC CONN	FPC 0.5 Front Lock H=1.9 14P	FCI 10112793	127
38		818022502	FPC CONN	FPC 0.5 Front Lock H=1.9 14P	/	127
39		818025180	FPC CONN	FPC 0.3 Front Lock H=1.3 33P	/	128
40		818026797	FPC CONN	FPC 0.5 Front Lock H=1.5 24P	/	128
41		818029450	FPC CONN	FPC P1.0 H3.0 7P	/	128



05.1 General FPC Connector

Item	Image	ECT P/N	Product Name	Spec. Description	Compatible Info.	Page
42		8180800014	FPC CONN	FPC,FRONT,FLIP, P0.5*H2.0,10P,AU,BK	HRS FH52K Series	129
43		8180800016	FPC CONN	FPC,FRONT,FLIP, P0.5*H2.0,20P,AU,BK		
44		8180800017	FPC CONN	FPC,FRONT,FLIP, P0.5*H2.0,34P,AU,BK		
45		8180800018	FPC CONN	FPC,FRONT,FLIP, P0.5*H2.0,68P,AU,BK		
46		818019435	FPC CONN	FPC VERTICAL P0.5*5.0, BK, Au	/	129
47		8180800007	FPC CONN	FPC FF P0.20 H1.0 61P	A61FFC61-0209	129
48		8180800013	FPC CONN	FPC Pitch 1.0 H1.45 5P	/	130
49		8180800019	FPC CONN	FPC VERTICAL P0.50 H5.2 30P	FH67-30S-0.5SV	130

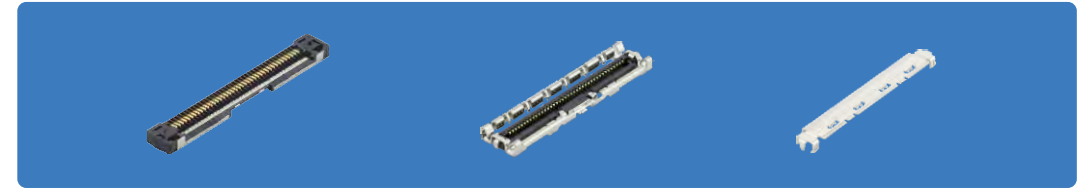
BTCC Connector Series



06.1 BTCC Connector

Item	Image	ECT P/N		Product Name	Spec. Description	Compatible Info.	Remark	Page
1		818014664		BTCC Connector	Pitch=0.5, H=1.0, BTCC 30Pin Male Body	I-PEX CABLINE-VS (20453)	Plug Assembly (Mating Recaptacle 818032307)	131
		818014665		BTCC Connector	Pitch=0.5, H=1.0, BTCC 30Pin Male Shell			
		818014666		BTCC Connector	Pitch=0.5, H=1.0, BTCC 30Pin Male Bar			
2		818032307		BTCC Connector	Pitch=0.5, H=1.0, BTCC 30Pin REC Connector	I-PEX CABLINE-VS (20455)	Recaptacle	132
3		818017076		BTCC Connector	Pitch=0.5, H=3.75, BTCC 41Pin FFC Male Connector	JAE JF08R0R041	Plug Assembly (Mating Recaptacle 818016963)	132
4		818016963		BTCC Connector	Pitch=0.5, H=3.75, BTCC 41Pin REC Connector	JAE FI-RE41S-HF	Recaptacle	132
5		818017038		BTCC Connector	Pitch=0.5,H=3.75, BTCC 51Pin FFC Male Connector	JAE JF08R0R051	Plug Assembly (Mating Recaptacle 818016964)	132
6		818041937		BTCC Connector	Pitch=0.5, H=3.75, BTCC 51Pin Coaxial Cable Male Body	JAE FI-RE51CL	Plug Assembly (Mating Recaptacle 818016964)	133
		818041938		BTCC Connector	Pitch=0.5, H=3.75, BTCC 51Pin Coaxial Cable Male	JAE FI-RE51CL-SH2		

BTCC Connector Series



06.1 BTCC Connector

Item	Image	ECT P/N		Product Name	Spec. Description	Compatible Info.	Remark	Page
7		818016964		BTCC Connector	Pitch=0.5, H=3.75, BTCC 51Pin REC Connector	JAE FI-RE51S-HF	Receptacle	134
8		818016979		BTCC Connector	Pitch=0.5, H=4.4, BTCC 51Pin Connector	HRS FX16M2-51S-0.50SH	Receptacle	134
9		818016986		BTCC Connector	Pitch=0.5, H=1.65, BTCC 40Pin Connector	HRS DF80-40S-0.5V	Receptacle	134
10		818017199		BTCC Connector	Pitch=0.5, H=1.65, BTCC 50Pin Connector	HRS DF80-50S-0.5V	Receptacle	134
11		818027396		BTCC Connector	Pitch=0.4, H=1.50, BTCC 40pin Male Body	DF36-40P-0.4SD	Plug Assembly (Mating Receptacle 818027398)	135
		818027397		BTCC Connector	Pitch=0.4, H=1.50, BTCC 40Pin Male Shell	HRS DF36A-40P-SHL		
12		818027398		BTCC Connector	Pitch=0.4, H=1.50, BTCC 40Pin REC Connector	HRS DF36A-40S-0.4V	Receptacle	136
13		818038812		BTCC Connector	Pitch=0.4, H=1.50, BTCC 15pin Male Body	HRS DF36-15P-0.4SD	Plug Assembly (Mating Receptacle 818038814 or 818045436)	137
		818038813		BTCC Connector	Pitch=0.4, H=1.50, BTCC 15pin Male Shell	HRS DF36A-15P-SHL		

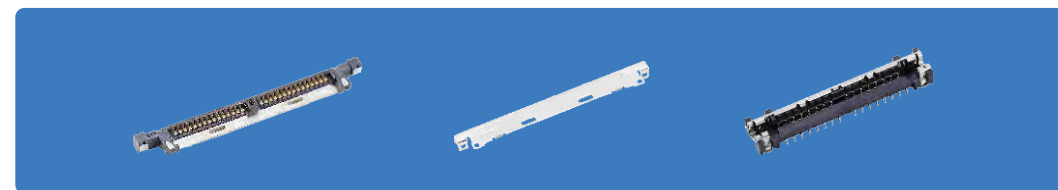
BTCC Connector Series



06.1 BTCC Connector

Item	Image	ECT P/N		Product Name	Spec. Description	Compatible Info.	Remark	Page
14		818038814		BTCC Connector	Pitch=0.4, H=1.50, BTCC 15pin REC conn.	HRS DF36A-15S-0.4V	Receptacle	138
15		818045436		BTCC Connector	Pitch=0.4, H=1.50, BTCC 15pin REC conn.	HRS DF36C-15S-0.4V	Receptacle	138
16		818038815		BTCC Connector	Pitch=0.4, H=1.50, BTCC 30pin Male Body	HRS DF36-30P-0.4SD	Plug Assembly (Mating Receptacle 818038817)	139
		818038816		BTCC Connector	Pitch=0.4, H=1.50, BTCC 30pin Male Shell	HRS DF36A-30P-SHL		
17		818038817		BTCC Connector	Pitch=0.4, H=1.50, BTCC 30pin REC conn.	HRS DF36A-30S-0.4V	Receptacle	139
18		818038818		BTCC Connector	Pitch=0.4, H=1.50, BTCC 50pin Male Body	HRS DF36-50P-0.4SD	Plug Assembly (Mating Receptacle 818038820)	140
		818038819		BTCC Connector	Pitch=0.4, H=1.50, BTCC 50pin Male Shell	HRS DF36A-50P-SHL		
19		818038820		BTCC Connector	Pitch=0.4, H=1.50, BTCC 50pin REC conn.	HRS DF36A-50S-0.4V	Receptacle	140
20		818039960		BTCC Connector	Pitch=0.30, H=1.45, BTCC 26pin Male Body	HRS DF56-26P-0.3SD	Plug Assembly (Mating Receptacle 818039962)	141
		818039961		BTCC Connector	Pitch=0.30, H=1.45, BTCC 26pin Male Shell	HRS DF56-26P-SHL		
21		818039962		BTCC Connector	Pitch=0.30, H=1.45, BTCC 26pin REC conn.	HRS DF56C-26S-0.3V	Receptacle	141

BTCC Connector Series



06.1 BTCC Connector

Item	Image	ECT P/N		Product Name	Spec. Description	Compatible Info.	Remark	Page
22		818035280		BTCC Connector	Pitch=0.30, H=1.45, BTCC 30pin Male Body	HRS DF56-30P-0.3SD	Plug Assembly (Mating Receptacle 818035282)	142
		818035281		BTCC Connector	Pitch=0.30, H=1.45, BTCC 30pin Male Shell	HRS DF56-30P-SHL		
23		818035282		BTCC Connector	Pitch=0.30, H=1.45, BTCC 30pin REC conn.	HRS DF56C-30S-0.3V	Receptacle	142
24		818039963		BTCC Connector	Pitch=0.30, H=1.45, BTCC 40pin Male Body	HRS DF56-40P-0.3SD	Plug Assembly (Mating Receptacle 818039965)	143
		818039964		BTCC Connector	Pitch=0.30, H=1.45, BTCC 40pin Male Shell	HRS DF56-40P-SHL		
25		818039965		BTCC Connector	Pitch=0.30, H=1.45, BTCC 40pin REC conn.	HRS DF56C-40S-0.3V	Receptacle	143
26		818039966		BTCC Connector	Pitch=0.30, H=1.45, BTCC 50pin Male Body	HRS DF56-50P-0.3SD	Plug Assembly (Mating Receptacle 818039968)	144
		818039967		BTCC Connector	Pitch=0.30, H=1.45, BTCC 50pin Male Shell	HRS DF56-50P-SHL		
27		818039968		BTCC Connector	Pitch=0.30, H=1.45, BTCC 50pin REC conn.	HRS DF56C-50S-0.3V	Receptacle	144



07.1 WTB Connector

Item	Image	ECT P/N	Assembly Image	Product Name	Spec. Description	Compatible Info.	Page
1		818014654		WTB Connector	Pitch=0.8, H=1.9, WTB 4Pin HDR Connector	HRS DF52-0.8C	146
		818014656		WTB Connector	Pitch=0.8, H=1.9, WTB 4Pin REC Housing		
		818014659		WTB Connector	Pitch=0.8, H=1.9, WTB 4Pin REC Contact		
2		818015067		WTB Connector	Pitch=0.8, H=1.9, WTB 6Pin HDR Connector	HRS DF52-0.8C	147
		818015068		WTB Connector	Pitch=0.8, H=1.9, WTB 6Pin REC Housing		
		818015069		WTB Connector	Pitch=0.8, H=1.9, WTB 6Pin REC Contact		
3		818018867		WTB Connector	Pitch=0.8, H=1.9, WTB 10Pin HDR Connector	HRS DF52-0.8C	148
		818018869		WTB Connector	Pitch=0.8, H=1.9, WTB 10Pin REC Housing		
		818018868		WTB Connector	Pitch=0.8, H=1.9, WTB 10Pin REC Contact		
4		818014655		WTB Connector	Pitch=0.8, H=1.9, WTB 16Pin HDR Connector	HRS DF52-0.8C	149
		818014657		WTB Connector	Pitch=0.8, H=1.9, WTB 16Pin REC Housing		
		818014658		WTB Connector	Pitch=0.8, H=1.9, WTB 16Pin REC Contact		



07.1 WTB Connector

Item	Image	ECT P/N	Assembly Image	Product Name	Spec. Description	Compatible Info.	Page
5		818045798		WTB Connector	Pitch=0.65, H=1.55, WTB 7Pin HDR Connector	/	150
		818045799		WTB Connector	Pitch=0.65, H=1.55, WTB 7Pin REC Housing		
		818047335		WTB Connector	Pitch=0.65, H=1.55, WTB 7Pin REC Housing		



08.1 SMA Connector

Item	Image	ECT P/N	Product Name	Spec. Description	Page
1		818001497	SMA RF Switch Connector. V/T, Jack, DIP Type with Switch (立式母头, 板上DIP型, 自带开关)	L18.90*W11.80*H7.50mm, with Switch, 50Ω, SMA, Jack, Sn Plating	152
2		818001621	SMA RF Switch Connector. V/T, Jack, DIP Type with Switch (立式母头, 板上DIP型, 自带开关)	L20.20*W11.80*H7.50mm, with Switch, 50Ω, SMA, Jack with Fast Lock Chemical Ni Plating	152
3		818011117	SMA RF Switch Connector. R/A, Jack, DIP Type with Switch (卧式母头, 板上DIP型, 自带开关)	L27.00*W9.30*H12.25mm, with Switch, 50Ω, Chemical Ni Plating	152
4		818012207	SMA RF Switch Connector. R/A, Jack, DIP Type with Switch (卧式母头, 板上DIP型, 自带开关)	L20.00*W10.00*H9.30mm, with Switch, 50Ω, Ni Plating	153
5		818011750	SMA RF Switch Connector. R/A, Jack, DIP Type with Switch, 6G (卧式母头, 板上DIP型, 自带开关 6G)	L24.40*W12.60*H12.80mm, with Switch, 50Ω, Sn Plating	153
6		8180200003	SMA RF Switch Connector. V/T, Jack, DIP Type with Switch (立式母头, 板上DIP型, 自带开关)	L5.80*W4.22*H4.65mm, with Switch, 50Ω, Gold Plating	153
7		818011213	RSJB RF Switch Connector, R/A with Switch (卧式开关插座)	L12.4*W8*H8mm, with Switch, 50Ω, SMA, Jack, Sn Plating	154
8		818042091	SMA PCB Jack	SMA PCB Connector, 0.8mm THICK PCB Edge	154
9		818029084	SMA PCB Jack	SMA PCB Connector, 1.2mm Thick PCB	154
10		818016437	SMA PCB Jack	SMA PCB Connector, 1.6mm Thick PCB	155
11		818023094	SMA PCB Jack	SMA PCB Connector, 2.0mm Thick PCB	155



08.1 SMA Connector

Item	Image	ECT P/N	Product Name	Spec. Description	Page
12		818018238	SMA PCB Jack	SMA PCB Connector, 2 Hole Flange Mount W/Spring Pin for Stripling	155
13		818035797	SMA PCB Jack	SMA PCB Connector, 2 Hole Flange with Mounting Screws	156
14		818035798	SMA PCB Jack	SMA PCB Connector, 2 Hole Flange with Mounting Screws	156
15		818024924	SMA PCB Jack	SMA PCB Connector, PCB end Launch	156
16		818002778	SMA PCB Jack	SMA Jack for PCB Connector	157
17		818016386	SMA PCB Jack	SMA PCB Connector, PCB through Hole	157
18		81800U245	SMA PCB Jack	SMA PCB Connector, PCB through Hole	157
19		818002020	SMA PCB Jack	SMA PCB Connector, PCB through Hole	158
20		818018727	SMA PCB Jack	SMA PCB Connector, PCB through Hole	158
21		818026350	SMA PCB Jack	SMA PCB Connector, PCB through Hole	158
22		818035805	SMA Cable Plug	SMA Cable Connector, 302-3	159



08.1 SMA Connector

Item	Image	ECT P/N	Product Name	Spec. Description	Page
23		818034528	SMA Cable Plug	SMA Cable Connector, 0.81	159
		818034529		SMA Cable Connector, 1.13	
		818034530		SMA Cable Connector, 1.37	
		818034531		SMA Cable Connector, RG178	
24		818002873	SMA Cable Plug	SMA Cable Connector, RG174, RG316, LMR100	159
25		818035806	SMA Cable Plug	SMA Cable Connector, RG174, RG316, LMR100	160
26		818035807	SMA Cable Plug	SMA Cable Connector, 086, RG405	160
27		818035808	SMA Cable Plug	SMA Cable Connector, 086, RG405	160
28		818016758	SMA Cable Plug	SMA Cable Connector, 0.81	161
		818016171		SMA Cable Connector, 1.13	
		818016766		SMA Cable Connector, 1.37	
		818017225		SMA Cable Connector, RG178	



08.1 SMA Connector

Item	Image	ECT P/N	Product Name	Spec. Description	Page
29		818033551	SMA Cable Jack	SMA Cable Connector, 0.81	161
		818017010		SMA Cable Connector, 1.13	
		818033853		SMA Cable Connector, 1.37	
		818033854		SMA Cable Connector, Rg178	
30		818038940	SMA Cable Jack, Thread Length:10.5mm	SMA Cable Connector, Waterproof, 0.81	161
		818038941		SMA Cable Connector, Waterproof, 1.13	
		818038942		SMA Cable Connector, Waterproof, 1.37	
		818038943		SMA Cable Connector, Waterproof, RG178	
31		818038944	RP-SMA Cable Jack, Thread Length:10.5mm	RP-SMA Cable Connector, Waterproof, 0.81	162
		818038945		RP-SMA Cable Connector, Waterproof, 1.13	
		818038946		RP-SMA Cable Connector, Waterproof, 1.37	
		818038947		RP-SMA Cable Connector, Waterproof, Rg178	
32		818033552	SMA Cable Jack	SMA Cable Connector, Waterproof, 0.81	162
		818033553		SMA Cable Connector, Waterproof, 1.13	
		818033554		SMA Cable Connector, Waterproof, 1.37	
		818033555		SMA Cable Connector, Waterproof, RG178	



08.1 SMA Connector

Item	Image	ECT P/N	Product Name	Spec. Description	Page
33		818038974	RP-SMA Cable Jack Thread Length:12.0mm	SMA Cable Connector, Waterproof, 0.81	162
		818038975		SMA Cable Connector, Waterproof, 1.13	
		818038975		SMA Cable Connector, Waterproof, 1.37	
		818038977		SMA Cable Connector, Waterproof, RG178	
34		81047211	SMA Cable Jack	SMA Cable Connector,1.37	163
35		818034160	SMA Cable Jack	SMA Cable Connector, RG174, RG316, LMR100	163
36		81047212	SMA Cable Jack	SMA Cable Connector, RG58, LMR195	163
37		818032317	SMA Cable Jack	SMA Cable Connector, 302-3	164



08.2 SSMA Connector

Item	Image	ECT P/N	Product Name	Spec. Description	Page
1		818035822	SSMA Cable Plug	SSMA Cable Connector, 0.81	165
		818035823		SSMA Cable Connector, 1.13	
		818035824		SSMA Cable Connector, 1.37	
		818035825		SSMA Cable Connector, RG178	
2		818035827	SSMA Cable Plug	SSMA Cable Connector, RG174, RG316, LMR100	165
3		818035830	SSMA Cable Plug	SSMA Cable Connector, 086, RG405	165
4		818035818	SSMA Cable Jack	SSMA Cable Connector, 0.81	166
		818035819		SSMA Cable Connector, 1.13	
		818035820		SSMA Cable Connector, 1.37	
		818035821		SSMA Cable Connector, RG178	
5		818035826	SSMA Cable Jack	SSMA Cable Connector, RG174, RG316, LMR100	166
6		818035828	SSMA Cable Jack	SSMA Cable Connector, RG174, RG316, LMR100	166
7		818035829	SSMA Cable Jack	SSMA Cable Connector, 086, RG405	167
8		818032500	SSMA PCB Jack	SSMA PCB Connector, PCB through Hole	167



08.3 MCX Connector

Item	Image	ECT P/N	Product Name	Spec. Description	Page
1		818011066	MCX RF Switch Connector, V/T with Switch (立式开关插座)	L6.00*W6.00*H7.50mm, with Switch, 50Ω, Gold Plating	168
2		818012238	MCX RF Switch Connector, R/A with Switch (卧式开关插座)	L9.50*W6.00*H8.00mm, with Switch, 50Ω, Golding Plating	168
3		818017648	MCX PCB Jack	MCX PCB Connector, PCB Surface Mount	168
4		818017938	MCX PCB Jack	MCX PCB Connector, PCB through Hole	169
5		818025236	MCX PCB Jack	MCX PCB Connector, PCB Surface Mount	169
6		818023436	MCX PCB Jack	MCX PCB Connector, PCB through Hole	169



08.4 MMCX Connector

Item	Image	ECT P/N	Product Name	Spec. Description	Page
1		818014219	MMCX PCB Jack	MMCX PCB Connector, PCB through Hole	170
2		818024894	MMCX PCB Jack	MMCX PCB Connector, PCB through Hole	170
3		818017965	MMCX PCB Jack	MMCX PCB Connector, PCB Surface Mount	170
4		818010937	MMCX PCB Jack	MMCX PCB Connector, PCB through Hole	171
5		818035956	MMCX Cable Plug	MMCX Cable Connector, 1.13	171
6		818035957	MMCX Cable Jack	MMCX Cable Connector, 1.13	171
7		818035944	MMCX Cable Plug	MMCX Cable Connector, 1.37	172
8		818035945	MMCX Cable Jack	MMCX Cable Connector, 1.37	172
9		818035946	MMCX Cable Plug	MMCX Cable Connector, 1.37	172
10		818035947	MMCX Cable Plug	MMCX Cable Connector, 086, RG405	173



08.4 MMCX Connector

Item	Image	ECT P/N	Product Name	Spec. Description	Page
11		818035948	MMCX Cable Plug	MMCX Cable Connector, 086, RG405	173
12		818012442	MMCX Cable Plug	MMCX Cable Connector, RG174, RG316, LMR100	173
13		818035949	MMCX Cable Plug	MMCX Cable Connector, RG174, RG316, LMR100	174



08.5 Adapter series

Item	Image	ECT P/N	Product Name	Spec. Description	Page
1		818023604	Adapter	SMA Female to SMA Male Adapter(Quick-Connect)	175
2		81800U772	Adapter	SMA Female to SMA Female Adapter	175
3		818035831	Adapter	SMA Female to SSMA Female Adapter	175
4		818035832	Adapter	SMA Female to SSMA Male Adapter(Quick-Connect)	176
5		818035937	Adapter	SMA Female to MCX Female Adapter	176
6		818035938	Adapter	SMA Female to MCX Male Adapter	176
7		818035939	Adapter	SMA Female to MCX Female Adapter	177
8		818035940	Adapter	SMA Female to MCX Male Adapter	177
9		818037699	Adapter	3.5mm Female to N Female Adapter	177
10		818037700	Adapter	3.5mm Male to N Male Adapter	178

☐☐☐ SMA/SSMA/MCX/MMCX Series



08.5 Adapter Connector

Item	Image	ECT P/N	Product Name	Spec. Description	Page
11		818033466	Adapter	2.92mm Female to 2.92mm Female	178
12		818033467	Adapter	2.92mm Male to 2.92mm Male	178
13		818033468	Adapter	2.92mm Male to 2.92mm Female	179
14		818033469	Adapter	2.92mm Female to SMPM Female	179
15		818033470	Adapter	2.92mm Female to SMPM Male	179

☐☐☐ USB TypeC Series



09.1 USB TypeC Plug

Item	Image	ECT P/N	Product Name	Spec. Description	Page
1		818019635	USB 2.0 Type-C Plug with PCBA	USB 2.0 Type-C Plug_Blanking_W/O EMC, 8Pin	181
2		818016719	USB 2.0 Type-C Plug	USB 2.0 Type-C Plug_Blanking_W/O EMC&PCBA, 8Pin	181
3		818013419	USB 2.0 Type-C Plug	Type-C Plug Direct Soldering Type	181
4		818013210	USB 3.1 Gen I Type-C Plug	Type-C Plug Vertical Type 24pin	181



09.2 USB TypeC Receptacle

Item	Image	ECT P/N	Product Name	Spec. Description	Page
1		818004338	USB 2.0 Type-C Receptacle	Type-C 14Pin Receptacle Connector, Offset 0.02mm	182
2		818011735	USB 2.0 Type-C Receptacle	Type-C 16Pin Receptacle Connector, Offset 0.28mm	182
3		818012096	USB 2.0 Type-C Receptacle	Type-C 16Pin Receptacle Connector, Offset 0.05mm	182
4		818004413	USB 3.1 Gen I Type-C Receptacle	Type-C 24Pin Receptacle Connector, Offset 0.03mm	182
5		818013949	USB 3.1 Gen I Type-C Receptacle	Type-C 24Pin Receptacle Connector, Offset 0.03mm	183
6		818011765	USB 3.1 Gen I Type-C Receptacle	Type-C 24Pin Receptacle Connector	183



10.1 Spring Contacts

Item	Image	ECT P/N	Plating	Spec. Description	Packing	Page
1		818002596	Au10u", Ni80-150u"	L3.50*W1.00*H1.20mm	9000 PCS/Reel	185
2		818002597	Au10u", Ni80-150u"	L3.50*W0.65*H1.50mm	8000 PCS/Reel	185
3		818010454	Au3u", Ni50-150u"	L3.55*W1.50*H2.50mm	5200 PCS/Reel	185
4		818004979	Au10u", Ni80-200u"	L3.50*W1.20*H1.90mm	7000 PCS/Reel	185
5		818004522	Au10u", Ni80-200u"	L3.60*W1.60*H1.780mm	8000 PCS/Reel	186
6		818011127	Au4u", Ni60u"	L3.00*W1.00*H1.00mm	10000 PCS/Reel	186
7		818010386	Au3u", Ni80-200u"	L3.00*W1.20*H1.60mm	6000 PCS/Reel	186
8		818011230	Au10u", Ni80-200u"	L3.00*W1.20*H2.45mm	6000 PCS/Reel	186
9		818011470	Au3u", Ni50-150u"	L2.70*W1.20*H1.85mm	7000 PCS/Reel	187
10		818011471	Au3u", Ni50-150u"	L2.70*W1.20*H2.15mm	6000 PCS/Reel	187
11		818011472	Au3u", Ni50-150u"	L2.70*W1.20*H2.50mm	5000 PCS/Reel	187
12		818014563	Au3u", Ni50-150u"	L1.5*W1.30*H1.20mm	9000 PCS/Reel	187
13		818003420	Au12u", Ni80-150u"	L2.50*W1.40*H1.20mm	9000 PCS/Reel	188
14		818003141	Au5u", Ni50-150u"	L2.50*W1.00*H0.80mm	10000 PCS/Reel	188
15		818004556	Au6u", Ni80-150u"	L2.50*W1.00*H1.10mm	10000 PCS/Reel	188
16		818014564	Au3u", Ni50-150u"	L1.5*W1.30*H1.00mm	10000 PCS/Reel	188

Spring Contacts



10.1 Spring Contacts

Item	Image	ECT P/N	Plating	Spec. Description	Packing	Page
17		818004111	Au12u", Ni80-150u"	L2.20*W1.20*H1.20mm	10000 PCS/Reel	189
18		818010053	Au3u", Ni50-150u"	L2.20*W1.10*H1.75mm	7000 PCS/Reel	189
19		818010054	Au3u", Ni50-150u"	L2.20*W1.20*H1.40mm	8000 PCS/Reel	189
20		818017823	Au4u", Ni50-150u"	L1.55*W1.10*H1.25mm	8000 PCS/Reel	189
21		818010551	Au3u", Ni50-150u"	L1.90*W1.00*H1.10mm	10000 PCS/Reel	190
22		818011376	Au3u", Ni50-150u"	L1.90*W1.00*H1.40mm	9000 PCS/Reel	190
23		818011377	Au3u", Ni50-150u"	L1.90*W1.00*H1.70mm	7000 PCS/Reel	190
24		818014734	Au4u", Ni50-150u"	L2.28*W2.34*H2.00mm	3000 PCS/Reel	190
25		818011914	Au10u", Ni50-150u"	L1.70*W1.00*H1.80mm	7000 PCS/Reel	191
26		818011915	Au10u", Ni50-150u"	L1.70*W1.00*H2.10mm	6000 PCS/Reel	191
27		818014061	Au4u", Ni50-150u"	L2.75*W0.95*H2.40mm	5000 PCS/Reel	191
28		818012850	Au10u", Ni50-150u"	L3.0*W2.00*H1.73mm	7000 PCS/Reel	191
29		818010698	Au40u", Ni80-200u"	L3.11*W3.10*H3.19mm	2500 PCS/Reel	192
30		818010032	Au4u", Ni80u"	L3.00*W1.00*H2.30mm	6000 PCS/Reel	192

Stamping Metal



11.1 Shielding Case/Frame & Metal Stamping Products

Item	Image	ECT P/N	Product Name	Material Spec.	Packing	Page
1		81800K804	Shielding Can	C7521, T0.2	TAB, 500PCS/Reel	194
2		81800K485	Shielding Case	C7521, T0.15	TAB, 200PCS/Reel	194
3		81800K355	Shielding Plate	SUS304, T0.25	PVC, 20PCS/Sheet	194
4		81800K989	Shielding Frame	Al 50 (Tinning), T0.15	PVC, 44PCS/Sheet	194
5		81800K602	导热铜块-Flash	C2680, T1.8	TAB, 2500PCS/Reel	195
6		81800G067	N9518 卡针	SUS304, T0.7	PVC, 56PCS/Sheet	195
7		81800K164	Shielding Can	C7521, T0.30	TAB, 150PCS/Reel	195
8		81800J244	Shielding-Cover-Assy	SUS304, T0.1	PVC, 35PCS/Sheet	195
9		81800P268	Fixed Sheet Steel	SUS304, T0.15	Tray, 50PCS/Sheet	196
10		81800P264	Charging Welded Steel Sheet	SUS304, T0.15	Tape, 7000PCS/Reel	196
11		81800P765	PMIC Shielding Case	C7620, T0.15	Tape, 600PCS/Reel	196
12		81800P241	mm-Wave Sheet Steel Support	SUS304, T0.15	Tape, 100PCS/Sheet	196
13		81800P243	Coaxial Cable Clamp	C7521, T0.15	Tape, 9000PCS/Reel	197
14		81800P180	Pressing Plate Holding	SUS304, T0.20	PE Bag, 200PCS/Sheet	197
15		81800P183	A2 BTB Fixation Clamp	C7521, T0.15	Tape, 4500PCS/Reel	197
16		81800P485	Screw Shim	C2680, T0.25	Tape, 7500PCS/Reel	197
17		81800L183	Shielding Frame	SPTE, T0.40	Tape, 350PCS/Reel	198

- 01.1 MINI RF Switch Connector
- 01.2 MINI RF Measurement Probe
- 01.3 MINI RF Measurement Accessories

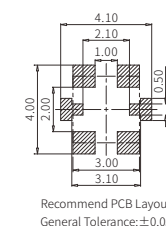
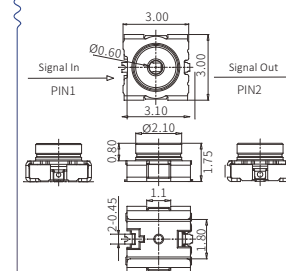


P/N: 818024666

- Outline Dimensions

- PCB Layout

- Technology Parameters



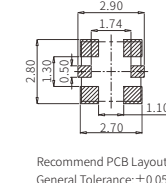
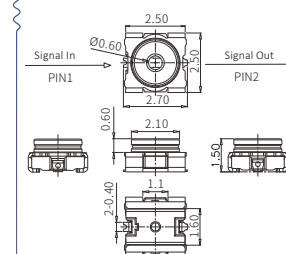
- 1.1 Voltage Rating: 250V AC(R.M.S)
- 1.2 Frequency Range: DC~11GHz
- 1.3 Impedance: 50Ω
- 1.4 Operation Temperature: -40°C~-+85°C
- 1.5 Insulation Resistance: 500MΩ MIN.
- 1.6 Withstanding Voltage:
300V AC & 1 Minute
- 1.7 Initial Contact Resistance:120mΩ MAX.
- 1.8 VSWR:
 - 1.2 MAX.(DC~3GHz)
 - 1.3 MAX.(3~6GHz)
 - 1.5 MAX.(6~11GHz)
- 1.9 Insertion Loss/INSERTION LOSS:
 - 0.10dB MAX.(DC~3GHz)
 - 0.20dB MAX.(3~6GHz)
 - 0.60dB MAX.(6~11GHz)
- 2.0 Isolation/ISOLATION:
 - 20 dB MIN.(DC~3GHz)
 - 15 dB MIN.(3~6GHz)
 - 10 dB MIN.(6~11GHz)

P/N: 818024668

- Outline Dimensions

- PCB Layout

- Technology Parameters



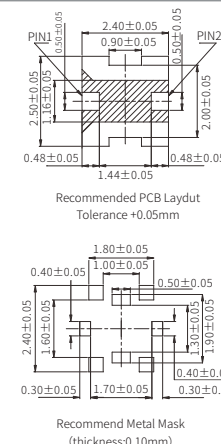
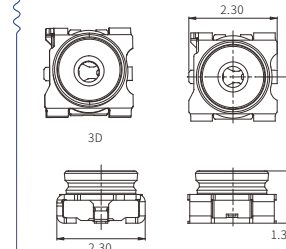
- 1.1 Voltage Rating: 250V AC(R.M.S)
- 1.2 Frequency Range: DC~11GHz
- 1.3 Impedance: 50Ω
- 1.4 Operation Temperature: -40°C~-+85°C
- 1.5 Insulation Resistance: 500MΩ MIN.
- 1.6 Withstanding Voltage:
300V AC & 1 Minute
- 1.7 Initial Contact Resistance:120mΩ Max.
- 1.8 VSWR:
 - 1.2 Max.(DC~3GHz)
 - 1.3 Max.(3~6GHz)
 - 1.5 Max.(6~11GHz)
- 1.9 Insertion Loss:
 - 0.10dB Max.(DC~3GHz)
 - 0.20dB Max.(3~6GHz)
 - 0.60dB Max.(6~11GHz)
- 2.0 Isolation:
 - 20 dB Min.(DC~3GHz)
 - 15 dB Min.(3~6GHz)
 - 10 dB Min.(6~11GHz)

P/N: 8180100055

- Outline Dimensions

- PCB Layout

- Technology Parameters



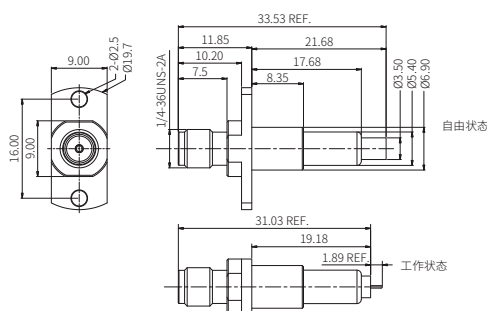
- 1.1 Voltage Rating: 60V AC(R.M.S)
- 1.2 Frequency Range: DC~11GHz
- 1.3 Impedance: 50 Ω
- 1.4 Operation Temperature: -40°C~+85°C
- 1.5 Insulation Resistance: 500M Ω MIN.
- 1.6 Withstanding Voltage:
 - 300V AC & 1 minute
- 1.7 Initial Contact Resistance:70m Ω MAX.
- 1.8 Voltage Standing Wave Ratio:
 - 1.2 MAX.(DC~3GHz)
 - 1.3 MAX.(3~6GHz)
 - 1.5 MAX.(6~11GHz)
- 1.9 Insertion Loss:
 - 0.10 dB MAX.(DC~3GHz)
 - 0.20 dB MAX.(3~6GHz)
 - 0.50 dB MAX.(6~11GHz)
- 2.0 Isolation:
 - 20 dB MIN.(DC~3GHz)
 - 15 dB MIN.(3~6GHz)
 - 10 dB MIN.(6~11GHz)

MINI RF I to SMA Female Measurement Probe

P/N: 818017737

- Outline Dimensions

- Technology Parameters



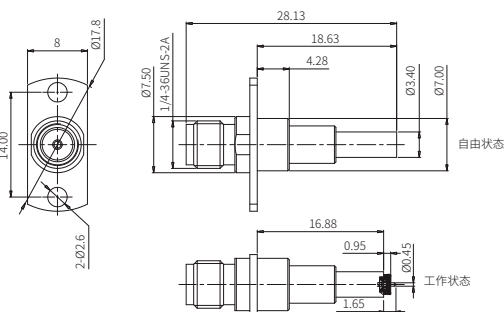
- 1.1 Frequency Range: DC~6GHz
- 1.2 Operation Temperature:
-40°C~+85°C
- 1.3 Insulation Resistance: 100MΩ
- 1.4 Withstanding Voltage:
300V/AC
- 1.5 Durability: 5000 Cycle
- 1.6 Voltage Standing Wave Ratio:
1.40 Max
- 1.7 Insertion Loss: 0.6dB Max
- 1.8 Voltage Rating:
60V AC (R.M.S)
- 1.9 Inner Conductor Impedance:
100mΩ
- 2.0 External Conductor Impedance:
100mΩ

MINI RF II to SMA Female Measurement Probe

P/N: 818017735

- Outline Dimensions

- Technology Parameters



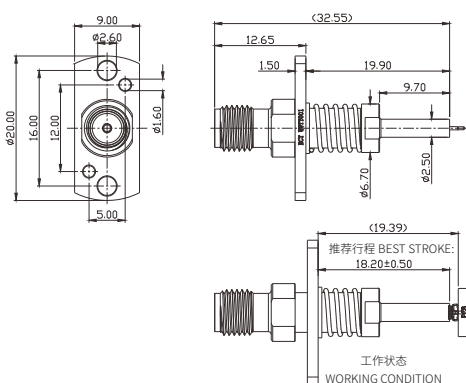
- 1.1 Frequency Range: DC~6GHz
- 1.2 Operation Temperature:
-40°C~+85°C
- 1.3 Insulation Resistance: 100MΩ
- 1.4 Withstanding Voltage:
300V/AC
- 1.5 Durability: 10000 Cycle
- 1.6 Voltage Standing Wave Ratio:
1.40 Max
- 1.7 Insertion Loss: 0.6dB Max
- 1.8 Voltage Rating:
60V AC (R.M.S)
- 1.9 Inner Conductor Impedance:
100mΩ
- 2.0 External Conductor Impedance:
100mΩ

MINI RF II to SMA Female Measurement Probe

P/N: 818052946

- Outline Dimensions

- Technology Parameters



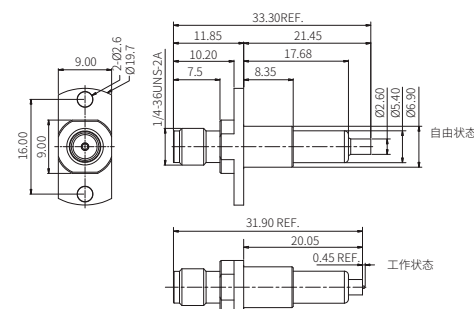
- 1.1 Frequency Range: DC~6GHz
- 1.2 Operation Temperature:
-40°C~-85°C
- 1.3 Insulation Resistance: 100MΩ
- 1.4 Withstanding Voltage:
300V/AC
- 1.5 Durability: 100000 Cycle
- 1.6 Voltage Standing Wave Ratio:
1.40 Max
- 1.7 Insertion Loss: 0.6dB Max
- 1.8 Voltage Rating:
60V AC (R.M.S)
- 1.9 Inner Conductor Impedance:
100mΩ
- 2.0 External Conductor Impedance:
100mΩ

MINI RF III to SMA Female Measurement Probe

P/N: 818017661

- Outline Dimensions

- Technology Parameters



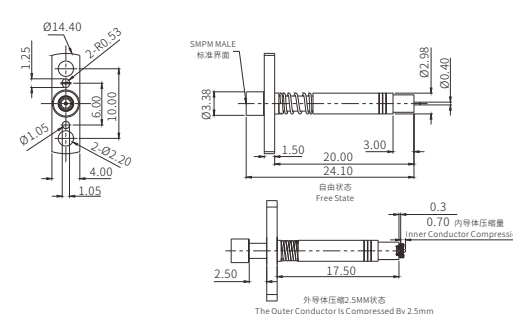
- 1.1 Frequency Range: DC~6GHz
- 1.2 Operation Temperature:
-40°C~-+85°C
- 1.3 Insulation Resistance: 100MΩ
- 1.4 Withstanding Voltage:
300V/AC
- 1.5 Durability: 100000 Cycle
- 1.6 Voltage Standing Wave Ratio:
1.40 Max
- 1.7 Insertion Loss: 0.6dB Max
- 1.8 Voltage Rating:
60V AC (R.M.S)
- 1.9 Inner Conductor Impedance:
100mΩ
- 2.0 External Conductor Impedance:
100mΩ

MINI RF III to SMPM Female Measurement Probe

P/N: 818039200

- Outline Dimensions

- Technology Parameters



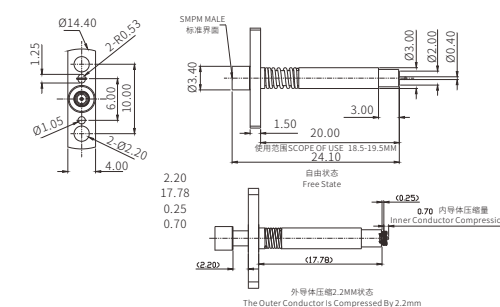
- 1.1 Frequency Range: DC~8GHz
- 1.2 Operation Temperature:
-40°C~+85°C
- 1.3 Insulation Resistance: 500MΩ
- 1.4 Withstanding Voltage:
300V/AC
- 1.5 Durability: 20000 Cycle
- 1.6 Voltage Standing Wave Ratio:
1.35 Max
- 1.7 Insertion Loss: 0.8dB Max
- 1.8 Voltage Rating:
60V AC (R.M.S)
- 1.9 Inner Conductor Impedance:
100mΩ
- 2.0 External Conductor Impedance:
100mΩ

MINI RF III to SMPM Female Measurement Probe

P/N: 818033486

- Outline Dimensions

- Technology Parameters



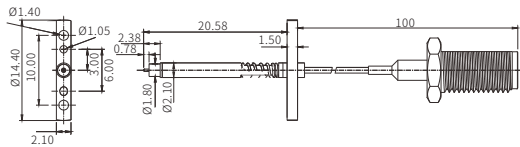
- 1.1 Frequency Range: DC~8GHz
- 1.2 Operation Temperature:
-40°C~+85°C
- 1.3 Insulation Resistance:
500 MΩ
- 1.4 Withstanding Voltage:
300V/AC
- 1.5 Durability: 20000 Cycle
- 1.6 Voltage Standing Wave Ratio:
1.35 Max
- 1.7 Insertion Loss: 0.8dB Max
- 1.8 Voltage Rating:
60V AC (R.M.S)
- 1.9 Inner Conductor Impedance:
100mΩ
- 2.0 External Conductor Impedance:
100mΩ

Mini RF VI to SMPM Femal Measurement Probe,0.81 Cable White

P/N:818022975

● Outline Dimensions

● Technology Parameters



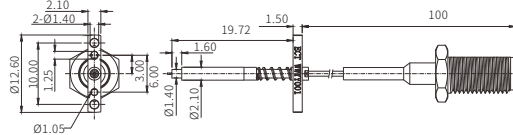
- 1.1 Frequency Range:DC~9GHz
- 1.2 Operation Temperature:
-40°C~+85°C
- 1.3 Insulation Resistance:500 MΩ
- 1.4 Withstanding Voltage:300V /AC
- 1.5 Durability:20000 Cycle
- 1.6 Voltage Standing Wave Ratio:
1.80 Max
- 1.7 Insertion Loss:2.8dB Max
- 1.8 Voltage Rating:
60V AC (R.M.S)
- 1.8 Inner Conductor Impedance:
100mΩ
- 1.9 External Conductor Impedance:
100mΩ

Mini RF VII to SMA Femal Measurement Probe,0.81 Cable

P/N: 818040523

● Outline Dimensions

● Technology Parameters



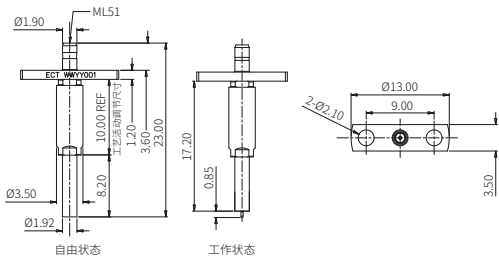
- 1.1 Frequency Range: DC~9GHz
- 1.2 Operation Temperature:
-40°C~+85°C
- 1.3 Insulation Resistance: 500MΩ
- 1.4 Withstanding Voltage:
300V/AC
- 1.5 Durability: 10000 Cycle
- 1.6 Voltage Standing Wave Ratio:
1.8 Max
- 1.7 Insertion Loss: 2.8dB Max
- 1.8 Voltage Rating:
60V AC (R.M.S)
- 1.9 Inner Conductor Impedance:
100mΩ
- 2.0 External Conductor Impedance:
100mΩ

Mini RF VI to ML51 Female Measurement Probe

P/N: 818022450

● Outline Dimensions

● Technology Parameters



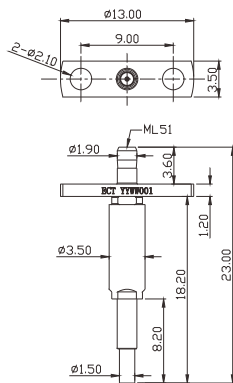
- 1.1 Frequency Range: 0~8G
- 1.2 Operation Temperature:
-40°C~+85°C
- 1.3 Insulation Resistance: 100MΩ
- 1.4 Withstanding Voltage:
300V/AC
- 1.5 Durability: 10000 Cycle
- 1.6 Voltage Standing Wave Ratio:
1.4 Max
- 1.7 Insertion Loss: 0.80dB Max
- 1.8 Voltage Rating:
60V AC (R.M.S)
- 1.9 Inner Conductor Impedance:
100mΩ
- 2.0 External Conductor Impedance:
100mΩ

Mini RF VII to ML51 Female Measurement Probe

P/N: 818039769

● Outline Dimensions

● Technology Parameters

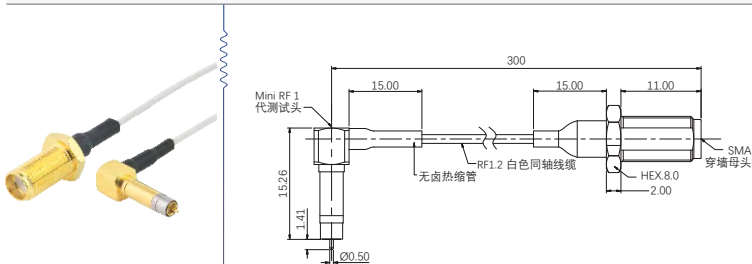


- 1.1 Frequency Range: DC~8GHz
- 1.2 Operation Temperature:
-40°C~+85°C
- 1.3 Insulation Resistance: 500MΩ
- 1.4 Withstanding Voltage:
300V/AC
- 1.5 Durability: 20000 Cycle
- 1.6 Voltage Standing Wave Ratio:
1.35 Max
- 1.7 Insertion Loss: 0.6dB Max
- 1.8 Voltage Rating:
60V AC (R.M.S)
- 1.9 Inner Conductor Impedance:
100mΩ
- 2.0 External Conductor Impedance:
100mΩ

MINI RF I Plug to SMA Female, RG1.2 Cable White

P/N: 818017738

● Outline Dimensions



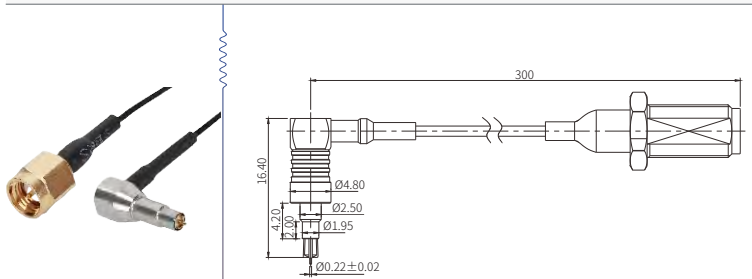
● Technology Parameters

- 1.1 Frequency Range: DC~6GHz
- 1.2 Operation Temperature: -40°C~+85°C
- 1.3 Insulation Resistance: 100MΩ
- 1.4 Withstanding Voltage: 300V/AC
- 1.5 Durability: 1000 Cycle
- 1.6 Voltage Standing Wave Ratio: 1.60 Max
- 1.7 Insertion Loss: 3.0dB Max
- 1.8 Voltage Rating: 60V AC (R.M.S)
- 1.9 Inner Conductor Impedance: 100mΩ
- 2.0 External Conductor Impedance: 100mΩ

MINI RF II Plug to SMA Male, 1.32 Cable Black

P/N: 818052947

● Outline Dimensions



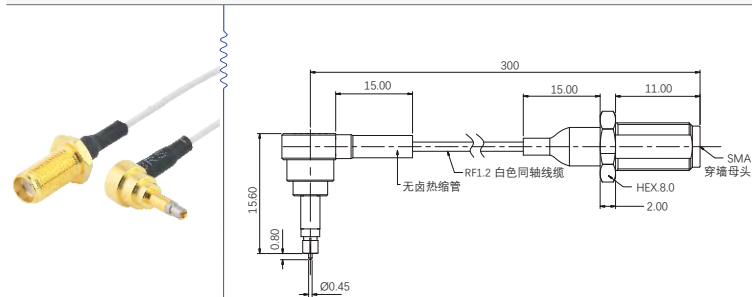
● Technology Parameters

- 1.1 Frequency Range: DC~11GHz
- 1.2 Operation Temperature: -40°C~+80°C
- 1.3 Insulation Resistance: 100 MΩ
- 1.4 Withstanding Voltage: 300V /AC
- 1.5 Durability: 1000 Cycle
- 1.6 Voltage Standing Wave Ratio: 1.8 Max
- 1.7 Insertion Loss: 3.2 dB Max
- 1.8 Voltage Rating: 60V AC (R.M.S)
- 1.9 Inner Conductor Impedance: 100mΩ
- 1.9 External Conductor Impedance: 100mΩ

MINI RF III Plug to SMA Female, 1.20 Cable White

P/N: 818017505

● Outline Dimensions



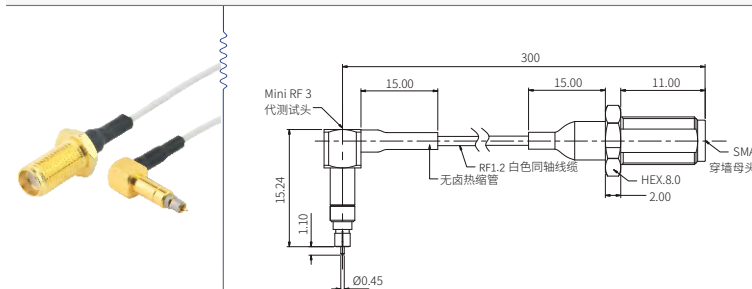
● Technology Parameters

- 1.1 Frequency Range: DC~6GHz
- 1.2 Operation Temperature: -40°C~+85°C
- 1.3 Insulation Resistance: 100MΩ
- 1.4 Withstanding Voltage: 300V/AC
- 1.5 Durability: 1000 Cycle
- 1.6 Voltage Standing Wave Ratio: 1.60 Max
- 1.7 Insertion Loss: 3.0dB Max
- 1.8 Voltage Rating: 60V AC (R.M.S)
- 1.9 Inner Conductor Impedance: 100mΩ
- 2.0 External Conductor Impedance: 100mΩ

MINI RF III Plug to SMA Female, 1.20 Cable White

P/N: 818021014

● Outline Dimensions



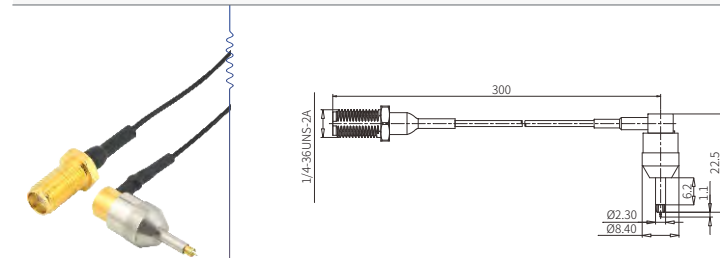
● Technology Parameters

- 1.1 Frequency Range: DC~6GHz
- 1.2 Operation Temperature: -40°C~+85°C
- 1.3 Insulation Resistance: 100MΩ
- 1.4 Withstanding Voltage: 300V/AC
- 1.5 Durability: 1000 Cycle
- 1.6 Voltage Standing Wave Ratio: 1.60 Max
- 1.7 Insertion Loss: 3.0dB Max
- 1.8 Voltage Rating: 60V AC (R.M.S)
- 1.9 Inner Conductor Impedance: 100mΩ
- 2.0 External Conductor Impedance: 100mΩ

MINI RF IV Plug to SMA Female, 1.2 Cable Black

P/N: 818017732

● Outline Dimensions



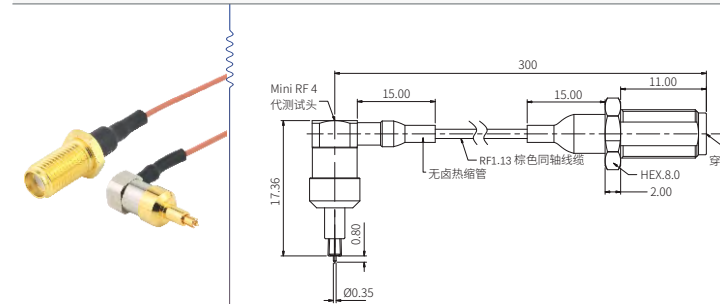
● Technology Parameters

- 1.1 Frequency Range: DC~6GHz
- 1.2 Operation Temperature: -40°C~+80°C
- 1.3 Insulation Resistance: 100 MΩ
- 1.4 Withstanding Voltage: 300V/AC
- 1.5 Durability: 1000 Cycle
- 1.6 Voltage Standing Wave Ratio: 1.6 Max
- 1.7 Insertion Loss: 2.5 dB Max
- 1.8 Voltage Rating: 60V AC (R.M.S)
- 1.9 Inner Conductor Impedance: 100mΩ
- 1.9 External Conductor Impedance: 100mΩ

MINI RF IV Plug to SMA Female, 1.13 Cable Brown

P/N: 818017663

● Outline Dimensions



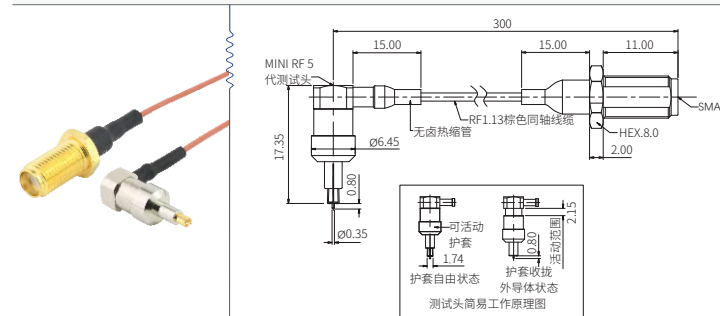
● Technology Parameters

- 1.1 Frequency Range: DC~6GHz
- 1.2 Operation Temperature: -40°C~+85°C
- 1.3 Insulation Resistance: 100MΩ
- 1.4 Withstanding Voltage: 300V/AC
- 1.5 Durability: 1000 Cycle
- 1.6 Voltage Standing Wave Ratio: 1.60 Max
- 1.7 Insertion Loss: 3.0dB Max
- 1.8 Voltage Rating: 60V AC (R.M.S)
- 1.9 Inner Conductor Impedance: 100mΩ
- 2.0 External Conductor Impedance: 100mΩ

MINI RF V Plug to SMA Female, 1.13 Cable Brown

P/N: 818016475

● Outline Dimensions

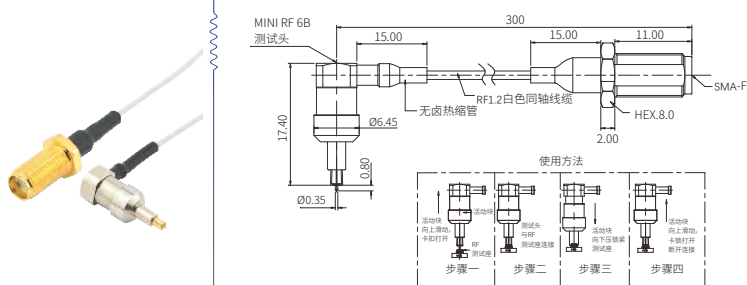


MINI RF VI Plug to SMA Female, 1.2 Cable White

P/N:818023303

● Outline Dimensions

● Technology Parameters



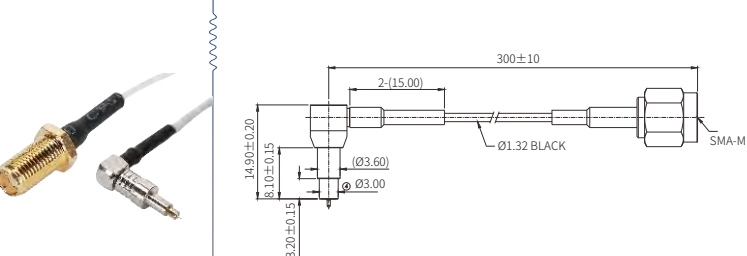
- 1.1 Frequency Range: DC~6GHz
- 1.2 Operation Temperature: -40°C~+85°C
- 1.3 Insulation Resistance: 100 MΩ
- 1.4 Withstanding Voltage: 300V/AC
- 1.5 Durability: 1000 Cycle
- 1.6 Voltage Standing Wave Ratio: 1.6 Max
- 1.7 Insertion Loss: 3.0dB Max
- 1.8 Voltage Rating: 60V AC (R.M.S)
- 1.8 Inner Conductor Impedance: 100mΩ
- 1.9 External Conductor Impedance: 100mΩ

MINI RF VII Plug to SMA Female, 1.2 Cable White

P/N: 818042144

● Outline Dimensions

● Technology Parameters



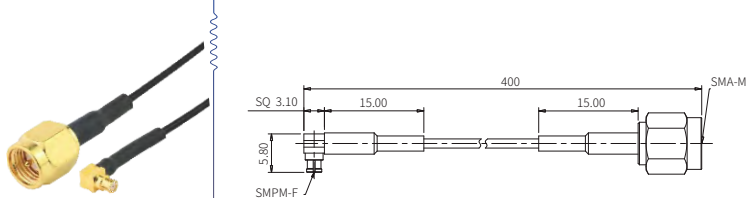
- 1.1 Frequency Range: DC~6GHz
- 1.2 Operation Temperature: -40°C~+80°C
- 1.3 Insulation Resistance: 100 MΩ
- 1.4 Withstanding Voltage: 300V /AC
- 1.5 Durability: 1000 Cycle
- 1.6 Voltage Standing Wave Ratio: 1.5 Max
- 1.7 Insertion Loss: 2.8 dB Max
- 1.8 Voltage Rating: 60V AC (R.M.S)
- 1.8 Inner Conductor Impedance: 100mΩ
- 1.9 External Conductor Impedance: 100mΩ

SMPM Cable 5.8*5.8*3.1, Ø1.37, L400, SMA-M

P/N: 818021698

● Outline Dimensions

● Technology Parameters



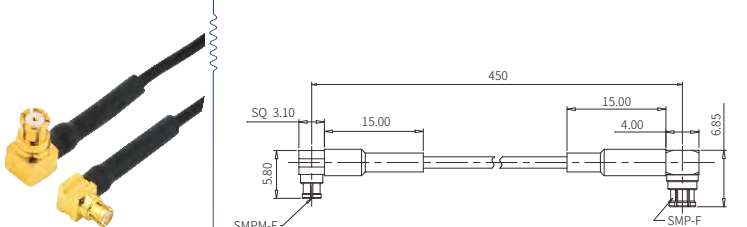
- 1.1 Frequency Range: DC~8GHz
- 1.2 Operation Temperature: -40°C~+85°C
- 1.3 Insulation Resistance: 100MΩ
- 1.4 Withstanding Voltage: 500V/AC
- 1.5 Durability: 100 Cycle
- 1.6 Voltage Standing Wave Ratio: 1.50 Max
- 1.7 Insertion Loss: 2.9dB Max
- 1.8 Voltage Rating: 60V AC (R.M.S)
- 1.9 Inner Conductor Impedance: 100mΩ
- 2.0 External Conductor Impedance: 100mΩ

SMPM-KW-1.37(Black)-SMP-KW-450MM

P/N: 818024908

● Outline Dimensions

● Technology Parameters



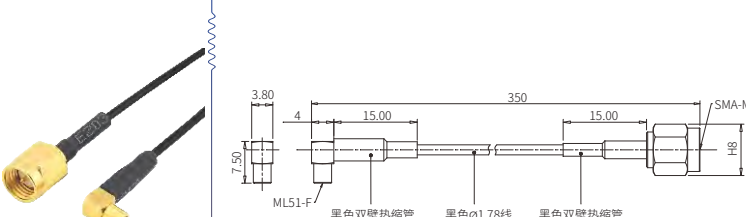
- 1.1 Frequency Range: DC~8.5GHz
- 1.2 Operation Temperature: -40°C~+85°C
- 1.3 Insulation Resistance: 100 MΩ
- 1.4 Withstanding Voltage: 500V/AC
- 1.5 Durability: 500 Cycle
- 1.6 Voltage Standing Wave Ratio: 1.35 Max
- 1.7 Insertion Loss: 3.5dB Max
- 1.8 Voltage Rating: 60V AC (R.M.S)
- 1.9 Inner Conductor Impedance: 100mΩ
- 2.0 External Conductor Impedance: 100mΩ

ML51 Cable 8.5*7.5*4.0, Ø1.78, L350, SMA-M

P/N: 818021699

● Outline Dimensions

● Technology Parameters



- 1.1 Frequency Range: DC~7GHz
- 1.2 Operation Temperature: -40°C~+85°C
- 1.3 Insulation Resistance: 100 MΩ
- 1.4 Withstanding Voltage: 500V/AC
- 1.5 Durability: 500 Cycle
- 1.6 Voltage Standing Wave Ratio: 1.5 Max
- 1.7 Insertion Loss: 2.8 dB Max
- 1.8 Voltage Rating: 60V AC (R.M.S)
- 1.9 Inner Conductor Impedance: 100mΩ
- 2.0 External Conductor Impedance: 100mΩ

02

USS RF Series

02.1 USS RF Plug

02.2 USS RF Receptacle

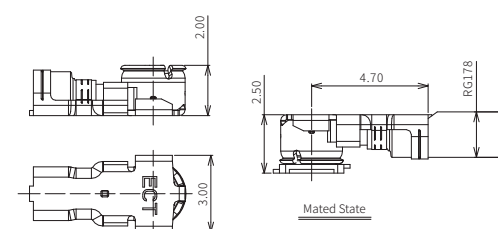
02.3 USS RF Measurement Probe & Accessories



USS RF I Plug

P/N: 818001953

● Outline Dimensions



※ 配合母座型号 818000071, 818000117, 818000281, 818000006, 818000368

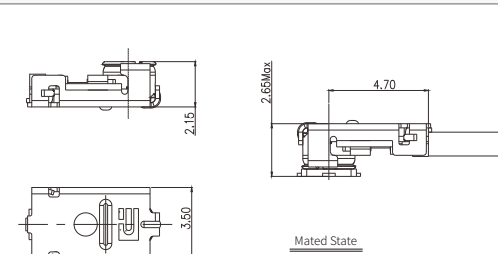
● Technology Parameters

- 1.1 Frequency Range: 0~9GHz
- 1.2 Impedance: $50 \pm 5\Omega$
- 1.3 Insulation Resistance: $500M\Omega$ Min (Initial)
- 1.4 Dielectric Withstanding Voltage: 200V AC/1Min
- 1.5 Inner Contact Resistance: $20m\Omega$ Max
- 1.6 Outer Contact Resistance: $10m\Omega$ Max
- 1.7 Voltage Standing Wave Ratio: ≤ 1.3 (DC~3GHz), ≤ 1.5 (3~6GHz), ≤ 1.7 (6~9GHz)
- 1.8 Mechanical Durability: 30 Cycles
- 1.9 Relative Humidity: 95%R.H.Max
- 2.0 Operation Temperature: $-40^{\circ}C \sim +85^{\circ}C$

USS RF I Plug

P/N: 818022554

● Outline Dimensions



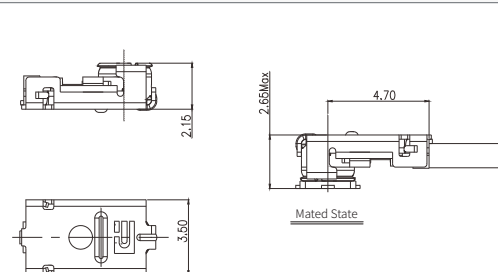
● Technology Parameters

- 1.1 Frequency Range: 0~9GHz
- 1.2 Impedance: $50 \pm 5\Omega$
- 1.3 Insulation Resistance: $500M\Omega$ Min (Initial)
- 1.4 Dielectric Withstanding Voltage: 200V AC/1Min
- 1.5 Inner Contact Resistance: $20m\Omega$ Max
- 1.6 Outer Contact Resistance: $10m\Omega$ Max
- 1.7 Voltage Standing Wave Ratio: ≤ 1.30 @ DC~3GHz, ≤ 1.50 @ 3~6GHz, ≤ 1.70 @ 6~9GHz
- 1.8 Mechanical Durability: 30 Cycles
- 1.9 Relative Humidity: 95%R.H.Max
- 2.0 Operation Temperature: $-40^{\circ}C \sim +85^{\circ}C$

USS RF I Plug

P/N: 818040980

● Outline Dimensions



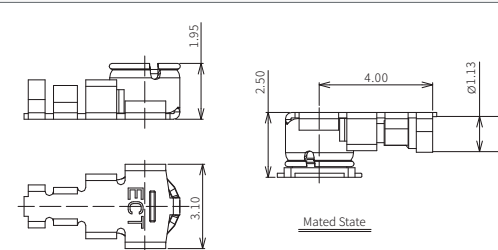
● Technology Parameters

- 1.1 Frequency Range: 0~9GHz
- 1.2 Impedance: $50 \pm 5\Omega$
- 1.3 Insulation Resistance: $500M\Omega$ Min (Initial)
- 1.4 Dielectric Withstanding Voltage: 200V AC/1Min
- 1.5 Inner Contact Resistance: $20m\Omega$ Max
- 1.6 Outer Contact Resistance: $10m\Omega$ Max
- 1.7 Voltage Standing Wave Ratio: ≤ 1.30 @ DC~3GHz, ≤ 1.50 @ 3~6GHz, ≤ 1.70 @ 6~9GHz
- 1.8 Mechanical Durability: 30 Cycles
- 1.9 Relative Humidity: 95%R.H.Max
- 2.0 Operation Temperature: $-40^{\circ}C \sim +85^{\circ}C$

USS RF I Plug

P/N: 818000089

● Outline Dimensions



● Technology Parameters

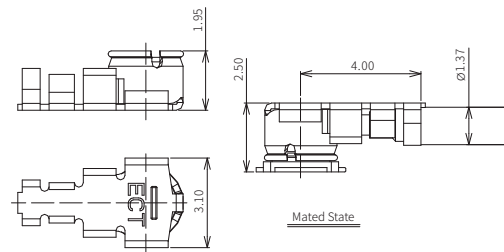
- 1.1 Frequency Range: 0~9GHz
- 1.2 Impedance: $50 \pm 5\Omega$
- 1.3 Insulation Resistance: $500M\Omega$ Min (Initial)
- 1.4 Dielectric Withstanding Voltage: 200V AC/1Min
- 1.5 Inner Contact Resistance: $20m\Omega$ Max
- 1.6 Outer Contact Resistance: $10m\Omega$ Max
- 1.7 Voltage Standing Wave Ratio: ≤ 1.3 (DC~3GHz), ≤ 1.5 (3~6GHz), ≤ 1.7 (6~9GHz)
- 1.8 Mechanical Durability: 30 Cycles
- 1.9 Relative Humidity: 95%R.H.Max
- 2.0 Operation Temperature: $-40^{\circ}C \sim +85^{\circ}C$

※ 配合母座型号 818000071, 818000117, 818000281, 818000006, 818000368

USS RF I Plug

P/N: 818000189

● Outline Dimensions



※ 配合母座型号 818000071, 818000117, 818000281, 818000006, 818000368

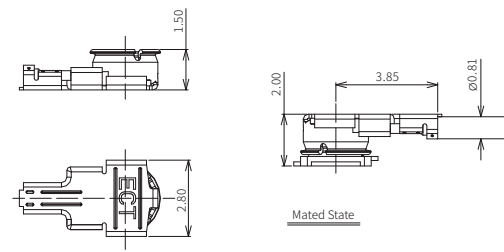
● Technology Parameters

- 1.1 Frequency Range: 0~9GHz
- 1.2 Impedance: $50 \pm 5\Omega$
- 1.3 Insulation Resistance: 500M Ω Min (Initial)
- 1.4 Dielectric Withstanding Voltage: 200V AC/1Min
- 1.5 Inner Contact Resistance: 20m Ω Max
- 1.6 Outer Contact Resistance: 10m Ω Max
- 1.7 Voltage Standing Wave Ratio: ≤ 1.3 (DC~3GHz)
 ≤ 1.5 (3~6GHz)
 ≤ 1.7 (6~9GHz)
- 1.8 Mechanical Durability: 30 Cycles
- 1.9 Relative Humidity: 95%R.H.Max
- 2.0 Operation Temperature: -40°C ~ +85°C

USS RF II Plug

P/N: 818000097

● Outline Dimensions



※ 配合母座型号 818000071, 818000117, 818000281, 818000006, 818000368

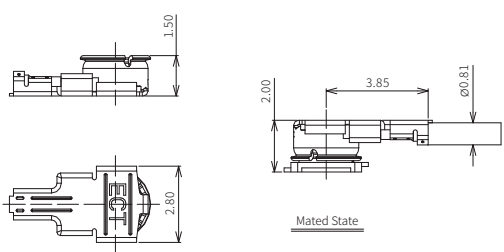
● Technology Parameters

- 1.1 Frequency Range: 0~9GHz
- 1.2 Impedance: $50 \pm 5\Omega$
- 1.3 Insulation Resistance: 500M Ω Min (Initial)
- 1.4 Dielectric Withstanding Voltage: 200V AC/1Min
- 1.5 Inner Contact Resistance: 20m Ω Max
- 1.6 Outer Contact Resistance: 10m Ω Max
- 1.7 Voltage Standing Wave Ratio: ≤ 1.3 (DC~3GHz)
 ≤ 1.5 (3~6GHz)
 ≤ 1.7 (6~9GHz)
- 1.8 Mechanical Durability: 30 Cycles
- 1.9 Relative Humidity: 95%R.H.Max
- 2.0 Operation Temperature: -40°C ~ +85°C

USS RF II Plug

P/N: 818000141

● Outline Dimensions



※ 配合母座型号 818000158, 818000068

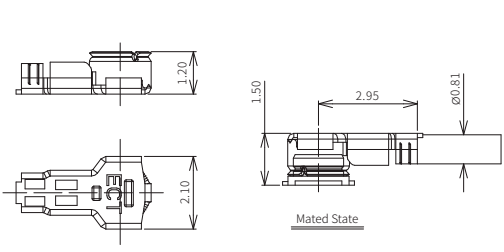
● Technology Parameters

- 1.1 Frequency Range: 0~9GHz
- 1.2 Impedance: $50 \pm 5\Omega$
- 1.3 Insulation Resistance: 500M Ω Min (Initial)
- 1.4 Dielectric Withstanding Voltage: 200V AC/1Min
- 1.5 Inner Contact Resistance: 20m Ω Max
- 1.6 Outer Contact Resistance: 10m Ω Max
- 1.7 Voltage Standing Wave Ratio: ≤ 1.3 (DC~3GHz)
 ≤ 1.5 (3~6GHz)
 ≤ 1.8 (6~9GHz)
- 1.8 Mechanical Durability: 30 Cycles
- 1.9 Relative Humidity: 95%R.H.Max
- 2.0 Operation Temperature: -40°C ~ +85°C

USS RF III Plug

P/N: 818003484

● Outline Dimensions



※ 配合母座型号 818000157, 818000976

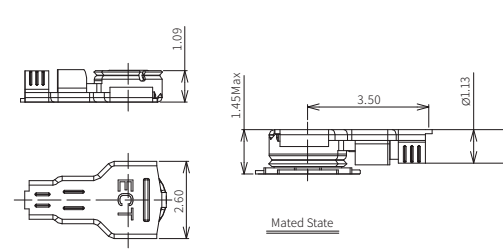
● Technology Parameters

- 1.1 Frequency Range: 0~6GHz
- 1.2 Impedance: $50 \pm 5\Omega$
- 1.3 Insulation Resistance: 500M Ω Min (Initial)
- 1.4 Dielectric Withstanding Voltage: 200V AC/1Min
- 1.5 Inner Contact Resistance: 20m Ω Max
- 1.6 Outer Contact Resistance: 10m Ω Max
- 1.7 Voltage Standing Wave Ratio: ≤ 1.3 (DC~3GHz)
 ≤ 1.5 (3~6GHz)
- 1.8 Mechanical Durability: 30 Cycles
- 1.9 Relative Humidity: 95%R.H.Max
- 2.0 Operation Temperature: -40°C ~ +85°C

USS RF III Plug

P/N: 818000984

● Outline Dimensions



※ 配合母座型号 818000983

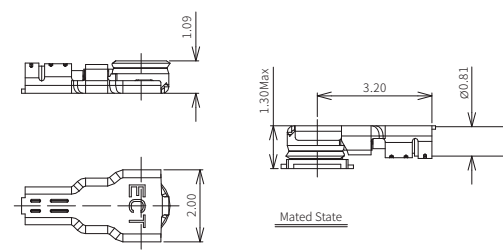
● Technology Parameters

- 1.1 Frequency Range: 0~6GHz
- 1.2 Impedance: $50 \pm 5\Omega$
- 1.3 Insulation Resistance: 500M Ω Min (Initial)
- 1.4 Dielectric Withstanding Voltage: 200V AC/1Min
- 1.5 Inner Contact Resistance: 20m Ω Max
- 1.6 Outer Contact Resistance: 10m Ω Max
- 1.7 Voltage Standing Wave Ratio: ≤ 1.3 (DC~3GHz)
 ≤ 1.5 (3~6GHz)
- 1.8 Mechanical Durability: 30 Cycles
- 1.9 Relative Humidity: 95%R.H.Max
- 2.0 Operation Temperature: -40°C ~ +85°C

USS RF IV Plug

P/N: 818000532

● Outline Dimensions



※ 配合母座型号 818000531, 818000931

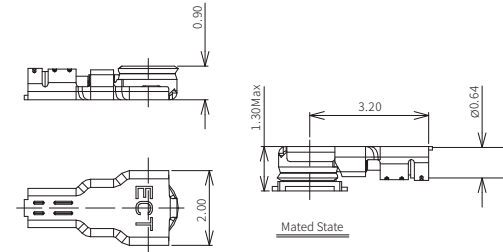
● Technology Parameters

- 1.1 Frequency Range: 0~12GHz
- 1.2 Impedance: $50 \pm 5\Omega$
- 1.3 Insulation Resistance: 500M Ω Min (Initial)
- 1.4 Dielectric Withstanding Voltage: 200V AC/1Min
- 1.5 Inner Contact Resistance: 20m Ω Max
- 1.6 Outer Contact Resistance: 10m Ω Max
- 1.7 Voltage Standing Wave Ratio: ≤ 1.3 (DC~3GHz)
 ≤ 1.5 (3~6GHz)
 ≤ 1.6 (6~9GHz)
 ≤ 1.7 (9~12GHz)
- 1.8 Mechanical Durability: 30 Cycles
- 1.9 Relative Humidity: 95%R.H.Max
- 2.0 Operation Temperature: -40°C ~ +85°C

USS RF IV Plug

P/N: 818001928

● Outline Dimensions



※ 配合母座型号 818000531, 818000931

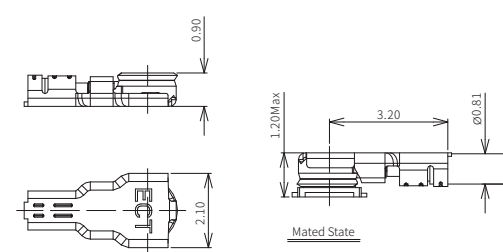
● Technology Parameters

- 1.1 Frequency Range: 0~12GHz
- 1.2 Impedance: $50 \pm 5\Omega$
- 1.3 Insulation Resistance: 500M Ω Min (Initial)
- 1.4 Dielectric Withstanding Voltage: 200V AC/1Min
- 1.5 Inner Contact Resistance: 20m Ω Max
- 1.6 Outer Contact Resistance: 10m Ω Max
- 1.7 Voltage Standing Wave Ratio: ≤ 1.3 (DC~3GHz)
 ≤ 1.5 (3~6GHz)
 ≤ 1.6 (6~9GHz)
 ≤ 1.7 (9~12GHz)
- 1.8 Mechanical Durability: 30 Cycles
- 1.9 Relative Humidity: 95%R.H.Max
- 2.0 Operation Temperature: -40°C ~ +85°C

USS RF IV Plug

P/N: 818000501

● Outline Dimensions



※ 配合母座型号 ECT818000500

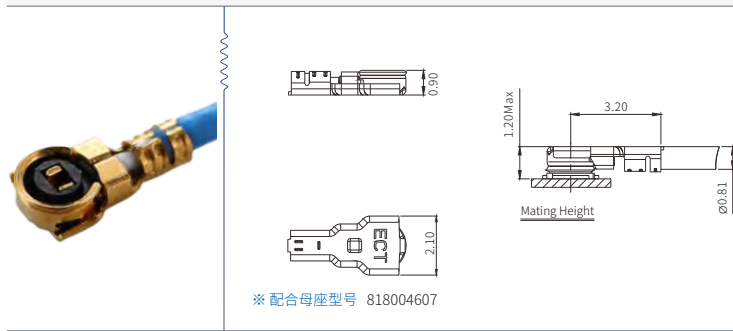
● Technology Parameters

- 1.1 Frequency Range: 0~12GHz
- 1.2 Impedance: $50 \pm 5\Omega$
- 1.3 Insulation Resistance: 500M Ω Min (Initial)
- 1.4 Dielectric Withstanding Voltage: 200V AC/1Min
- 1.5 Inner Contact Resistance: 20m Ω Max
- 1.6 Outer Contact Resistance: 10m Ω Max
- 1.7 Voltage Standing Wave Ratio: ≤ 1.3 (DC~3GHz)
 ≤ 1.5 (3~6GHz)
 ≤ 1.6 (6~9GHz)
 ≤ 1.7 (9~12GHz)
- 1.8 Mechanical Durability: 30 Cycles
- 1.9 Relative Humidity: 95%R.H.Max
- 2.0 Operation Temperature: -40°C ~ +85°C

USS RF IV Plug

P/N: 818004689

● Outline Dimensions



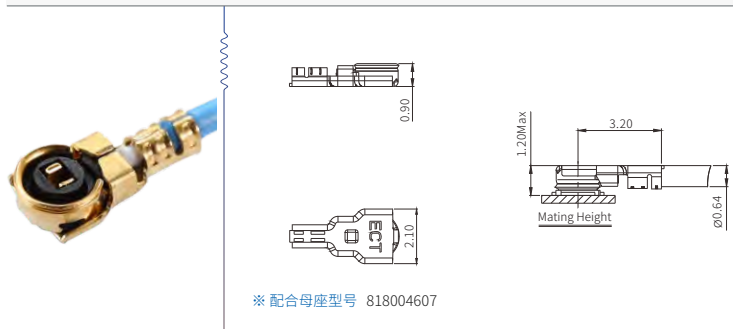
● Technology Parameters

- 1.1 Frequency Range: 0~12GHz
- 1.2 Impedance: $50 \pm 5\Omega$
- 1.3 Insulation Resistance: 500M Ω Min (Initial)
- 1.4 Dielectric Withstanding Voltage: 200V AC/1Min
- 1.5 Inner Contact Resistance: 20m Ω Max
- 1.6 Outer Contact Resistance: 10m Ω Max
- 1.7 Voltage Standing Wave Ratio: ≤ 1.5 (DC~6GHz)
 ≤ 1.6 (6~9GHz)
 ≤ 1.7 (9~12GHz)
- 1.8 Mechanical Durability: 30 Cycles
- 1.9 Relative Humidity: 95%R.H.Max
- 2.0 Operation Temperature: -40°C ~ +85°C

USS RF IV Plug

P/N: 818004922

● Outline Dimensions



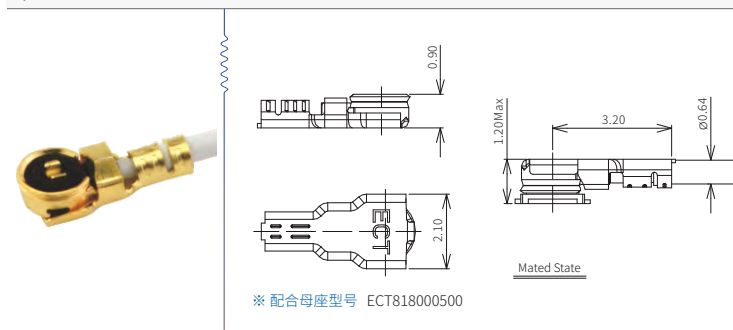
● Technology Parameters

- 1.1 Frequency Range: 0~12GHz
- 1.2 Impedance: $50 \pm 5\Omega$
- 1.3 Insulation Resistance: 500M Ω Min (Initial)
- 1.4 Dielectric Withstanding Voltage: 200V AC/1Min
- 1.5 Inner Contact Resistance: 20m Ω Max
- 1.6 Outer Contact Resistance: 10m Ω Max
- 1.7 Voltage Standing Wave Ratio: ≤ 1.5 (DC~6GHz)
 ≤ 1.6 (6~9GHz)
 ≤ 1.7 (9~12GHz)
- 1.8 Mechanical Durability: 30 Cycles
- 1.9 Relative Humidity: 95%R.H.Max
- 2.0 Operation Temperature: -40°C ~ +85°C

USS RF IV Plug

P/N: 818001335

● Outline Dimensions



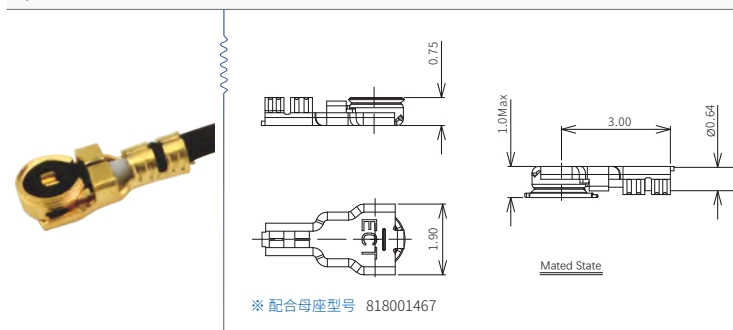
● Technology Parameters

- 1.1 Frequency Range: 0~12GHz
- 1.2 Impedance: $50 \pm 5\Omega$
- 1.3 Insulation Resistance: 500M Ω Min (Initial)
- 1.4 Dielectric Withstanding Voltage: 200V AC/1Min
- 1.5 Inner Contact Resistance: 20m Ω Max
- 1.6 Outer Contact Resistance: 10m Ω Max
- 1.7 Voltage Standing Wave Ratio: ≤ 1.3 (DC~3GHz)
 ≤ 1.5 (3~6GHz)
 ≤ 1.6 (6~9GHz)
 ≤ 1.7 (9~12GHz)
- 1.8 Mechanical Durability: 30 Cycles
- 1.9 Relative Humidity: 95%R.H.Max
- 2.0 Operation Temperature: -40°C ~ +85°C

USS RF V Plug

P/N: 818004070

● Outline Dimensions



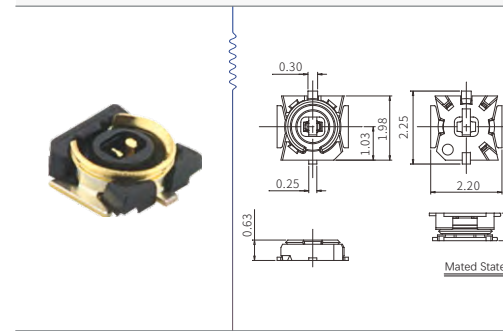
● Technology Parameters

- 1.1 Frequency Range: 0~12GHz
- 1.2 Impedance: $50 \pm 5\Omega$
- 1.3 Insulation Resistance: 500M Ω Min (Initial)
- 1.4 Dielectric Withstanding Voltage: 200V AC/1Min
- 1.5 Inner Contact Resistance: 20m Ω Max
- 1.6 Outer Contact Resistance: 10m Ω Max
- 1.7 Voltage Standing Wave Ratio: ≤ 1.3 (DC~3GHz)
 ≤ 1.5 (3~6GHz)
 ≤ 1.6 (6~9GHz)
 ≤ 1.7 (9~12GHz)
- 1.8 Mechanical Durability: 30 Cycles
- 1.9 Relative Humidity: 95% R.H.Max
- 2.0 Operation Temperature: -40°C ~ +85°C

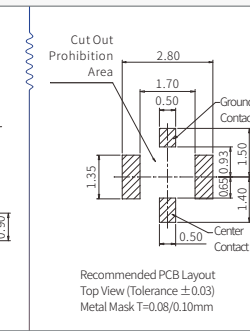
USS RF V Plug

P/N: 818010045

● Outline Dimensions



● PCB Layout



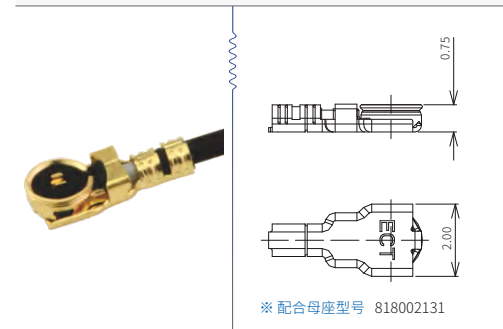
● Technology Parameters

- 1.1 Frequency Range: 0~12GHz
- 1.2 Characteristic Impedance: $50 \pm 5\text{ ohm}$
- 1.3 Insulation Resistance: 500M Ω Min
- 1.4 Dielectric Withstanding Voltage: 200V AC/1Min
- 1.5 Inner Contact Resistance: 20m Ω Max
- 1.6 Outer Contact Resistance: 10m Ω Max
- 1.7 Voltage Standing Wave Ratio: ≤ 1.3 (DC~3GHz)
 ≤ 1.5 (3~6GHz)
 ≤ 1.6 (6~9GHz)
 ≤ 1.7 (9~12GHz)
- 1.8 Mechanical Durability: 30Cycles
- 1.9 Relative Humidity: 95%R.H.Max
- 2.0 Operation Temperature: -40°C ~ +85°C

USS RF V Plug

P/N: 818002132

● Outline Dimensions



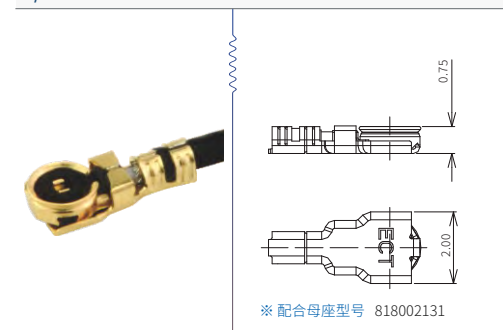
● Technology Parameters

- 1.1 Frequency Range: 0~12GHz
- 1.2 Impedance: $50 \pm 5\Omega$
- 1.3 Insulation Resistance: 500M Ω Min (Initial)
- 1.4 Dielectric Withstanding Voltage: 200V AC/1Min
- 1.5 Inner Contact Resistance: 20m Ω Max
- 1.6 Outer Contact Resistance: 10m Ω Max
- 1.7 Voltage Standing Wave Ratio: ≤ 1.3 (DC~3GHz)
 ≤ 1.5 (3~6GHz)
 ≤ 1.6 (6~9GHz)
 ≤ 1.7 (9~12GHz)
- 1.8 Mechanical Durability: 20 Cycles
- 1.9 Relative Humidity: 95%R.H.Max
- 2.0 Operation Temperature: -40°C ~ +85°C

USS RF V Plug

P/N: 818002418

● Outline Dimensions



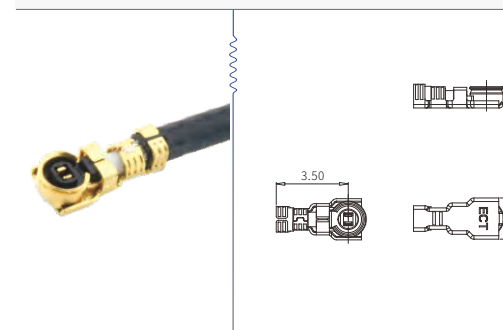
● Technology Parameters

- 1.1 Frequency Range: 0~12GHz
- 1.2 Impedance: $50 \pm 5\Omega$
- 1.3 Insulation Resistance: 500M Ω Min (Initial)
- 1.4 Dielectric Withstanding Voltage: 200V AC/1Min
- 1.5 Inner Contact Resistance: 20m Ω Max
- 1.6 Outer Contact Resistance: 10m Ω Max
- 1.7 Voltage Standing Wave Ratio: ≤ 1.3 (DC~3GHz)
 ≤ 1.5 (3~6GHz)
 ≤ 1.6 (6~9GHz)
 ≤ 1.7 (9~12GHz)
- 1.8 Mechanical Durability: 20 Cycles
- 1.9 Relative Humidity: 95%R.H.Max
- 2.0 Operation Temperature: -40°C ~ +85°C

USS RF V Plug

P/N: 818029402

● Outline Dimensions



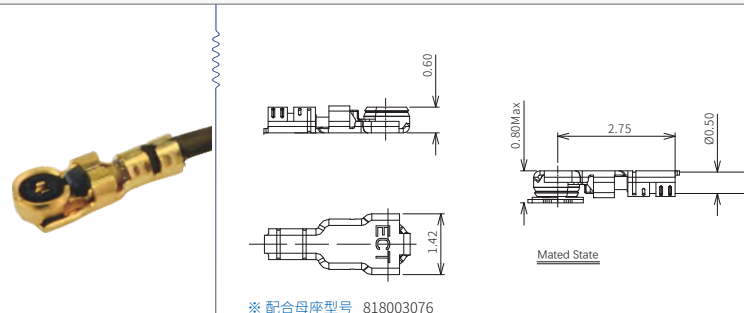
● Technology Parameters

- 1.1 Frequency Range: 0~15GHz
- 1.2 Characteristic Impedance: $50 \pm 5\text{ ohm}$
- 1.3 Insulation Resistance: 500M Ω Min
- 1.4 Dielectric Withstanding Voltage: 200V AC/1Min
- 1.5 Inner Contact Resistance: 20m Ω Max
- 1.6 Outer Contact Resistance: 10m Ω Max
- 1.7 Voltage Standing Wave Ratio: ≤ 1.3 (DC~3GHz)
 ≤ 1.5 (3~6GHz)
 ≤ 1.6 (6~12GHz)
 ≤ 1.7 (12~15GHz)
- 1.8 Mechanical Durability: 20Cycles
- 1.9 Relative Humidity: 95%R.H.Max
- 2.0 Operation Temperature: -40°C ~ +85°C

USS RF VI Plug

P/N: 818003252

Outline Dimensions



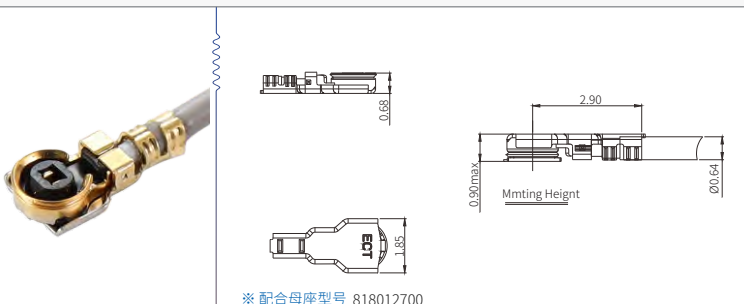
Technology Parameters

- 1.1 Frequency Range: 0~15GHz
- 1.2 Impedance: $50 \pm 5\Omega$
- 1.3 Insulation Resistance: 500M Ω Min (Initial)
- 1.4 Dielectric Withstanding Voltage: 200V AC/1Min
- 1.5 Inner Contact Resistance: 20m Ω Max
- 1.6 Outer Contact Resistance: 10m Ω Max
- 1.7 Voltage Standing Wave Ratio:
 - ≤ 1.3 (DC~3GHz)
 - ≤ 1.5 (3~6GHz)
 - ≤ 1.6 (6~12GHz)
 - ≤ 1.7 (12~15GHz)
- 1.8 Mechanical Durability: 20 Cycles
- 1.9 Relative Humidity: 95%R.H.Max
- 2.0 Operation Temperature: -40°C ~ +85°C

USS RF VI Plug

P/N: 818032047

Outline Dimensions



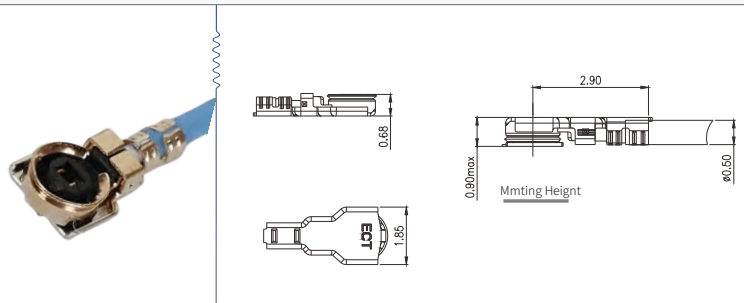
Technology Parameters

- 1.1 Frequency Range: 0~12GHz
- 1.2 Impedance: $50 \pm 5\Omega$
- 1.3 Insulation Resistance: 500M Ω Min (Initial)
- 1.4 Dielectric Withstanding Voltage: 200V AC/1Min
- 1.5 Inner Contact Resistance: 20m Ω Max
- 1.6 Outer Contact Resistance: 10m Ω Max
- 1.7 Voltage Standing Wave Ratio:
 - ≤ 1.5 @DC~6GHz
 - ≤ 1.6 @6~9GHz
 - ≤ 1.7 @9~12GHz
- 1.8 Mechanical Durability: 20 Cycles
- 1.9 Relative Humidity: 95%R.H.Max
- 2.0 Operation Temperature: -40°C ~ +85°C

USS RF VI Plug

P/N: 818048684

Outline Dimensions



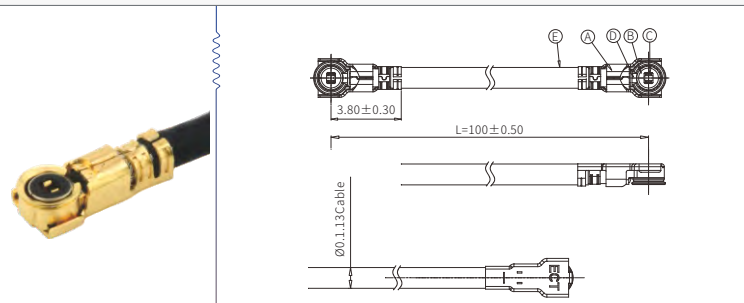
Technology Parameters

- 1.1 Frequency Range: 0~12GHz
- 1.2 Impedance: $50 \pm 5\Omega$
- 1.3 Insulation Resistance: 500M Ω Min
- 1.4 Dielectric Withstanding Voltage: 200V AC/1Min
- 1.5 Inner Contact Resistance: 20m Ω Max
- 1.6 Outer Contact Resistance: 10m Ω Max
- 1.7 Voltage Standing Wave Ratio:
 - ≤ 1.50 @DC~6GHz
 - ≤ 1.60 @6~9GHz
 - ≤ 1.70 @9~12GHz
- 1.8 Mechanical Durability: 30 Cycles
- 1.9 Relative Humidity: 95% R.H.Max
- 2.0 Operation Temperature: -40°C ~ +85°C

USS RF VII Plug WaveBee®

P/N: 818024765

Outline Dimensions



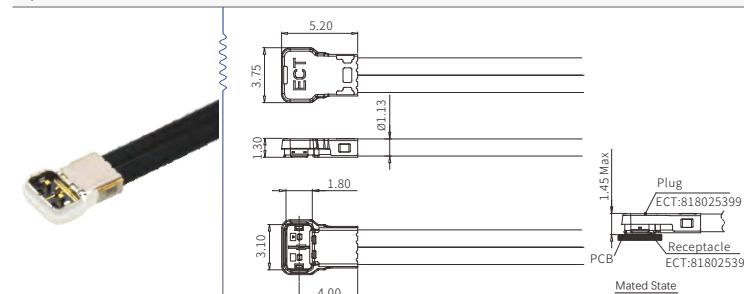
Technology Parameters

- 1.1 Frequency Range: 0~15GHz
- 1.2 Characteristic Impedance: $50 \pm 5\Omega$
- 1.3 Insulation Resistance: 500M Ω Min
- 1.4 Dielectric Withstanding Voltage: 200V AC/1Min
- 1.5 Inner Contact Resistance: 20m Ω Max
- 1.6 Outer Contact Resistance: 10m Ω Max
- 1.7 Voltage Standing Wave Ratio:
 - ≤ 1.35 (DC~6GHz)
 - ≤ 1.45 (6~12GHz)
 - ≤ 1.50 (12~15GHz)
- 1.8 Mechanical Durability: 30 Cycles
- 1.9 Relative Humidity: 95%R.H.Max
- 2.0 Operation Temperature: -40°C ~ +85°C

USS RF Dual-Port Connector WaveBee®

P/N: 818025399

Outline Dimensions



Technology Parameters

- 1.1 Frequency Range: 0~15 GHz
- 1.2 Characteristic Impedance: $50 \pm 5\Omega$
- 1.3 Insulation Resistance: 100M Ω Min
- 1.4 Dielectric Withstanding Voltage: 200V AC/1Min
- 1.5 Inner Contact Resistance: 50m Ω Max
- 1.6 Outer Contact Resistance: 100m Ω Max
- 1.7 Voltage Standing Wave Ratio:
 - ≤ 1.2 @DC~1.2GHz
 - ≤ 1.5 @7~15GHz
- 1.8 Mechanical Durability: 30 Cycles
- 1.9 Relative Humidity: 95%R.H.Max
- 2.0 Operation Temperature: -40°C ~ +85°C

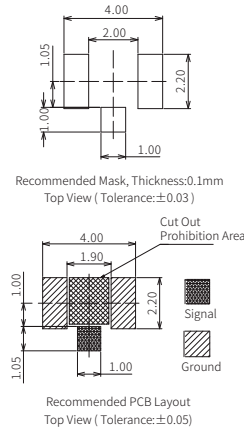
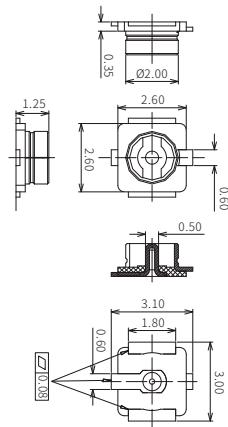
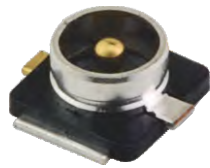
USS RF I Receptacle

P/N: 81800071

● Outline Dimensions

● PCB Layout

● Technology Parameters



- 1.1 Frequency Range: 0~9GHz
- 1.2 Impedance: $50 \pm 5\Omega$
- 1.3 Insulation Resistance: 500M Ω Min (Initial)
- 1.4 Dielectric Withstanding Voltage: 200V AC/1Min
- 1.5 Inner Contact Resistance: 20m Ω Max
- 1.6 Outer Contact Resistance: 10m Ω Max
- 1.7 Voltage Standing Wave Ratio: ≤ 1.3 (DC~3GHz)
 ≤ 1.4 (3~6GHz)
 ≤ 1.6 (6~9GHz)
- 1.8 Mechanical Durability: 30 Cycles
- 1.9 Relative Humidity: 95%R.H.Max
- 2.0 Operation Temperature: -40°C ~ +85°C

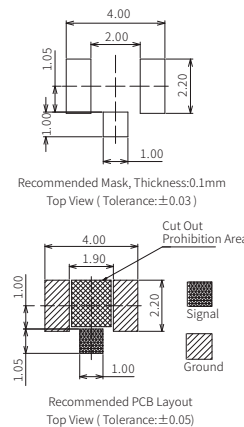
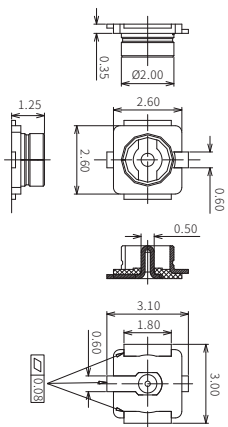
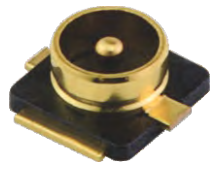
USS RF I Receptacle

P/N: 818000281

● Outline Dimensions

● PCB Layout

● Technology Parameters



- 1.1 Frequency Range: 0~9GHz
- 1.2 Impedance: $50 \pm 5\Omega$
- 1.3 Insulation Resistance: 500M Ω Min (Initial)
- 1.4 Dielectric Withstanding Voltage: 200V AC/1Min
- 1.5 Inner Contact Resistance: 20m Ω Max
- 1.6 Outer Contact Resistance: 10m Ω Max
- 1.7 Voltage Standing Wave Ratio: ≤ 1.3 (DC~3GHz)
 ≤ 1.4 (3~6GHz)
 ≤ 1.6 (6~9GHz)
- 1.8 Mechanical Durability: 30 Cycles
- 1.9 Relative Humidity: 95%R.H.Max
- 2.0 Operation Temperature: -40°C ~ +85°C

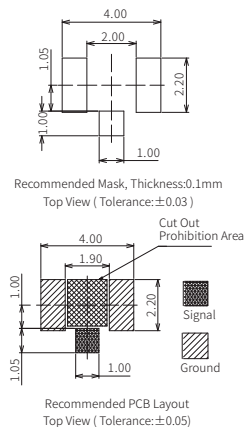
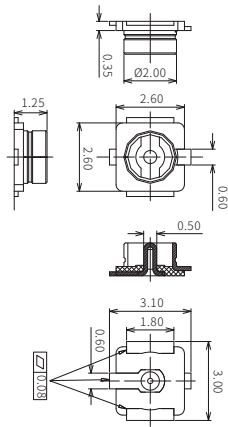
USS RF I Receptacle

P/N: ECT818000368

● Outline Dimensions

● PCB Layout

● Technology Parameters



- 1.1 Frequency Range: 0~9GHz
- 1.2 Impedance: $50 \pm 5\Omega$
- 1.3 Insulation Resistance: 500M Ω Min (Initial)
- 1.4 Dielectric Withstanding Voltage: 200V AC/1Min
- 1.5 Inner Contact Resistance: 20m Ω Max
- 1.6 Outer Contact Resistance: 10m Ω Max
- 1.7 Voltage Standing Wave Ratio: ≤ 1.3 (DC~3GHz)
 ≤ 1.4 (3~6GHz)
 ≤ 1.6 (6~9GHz)
- 1.8 Mechanical Durability: 30 Cycles
- 1.9 Relative Humidity: 95%R.H.Max
- 2.0 Operation Temperature: -40°C ~ +85°C

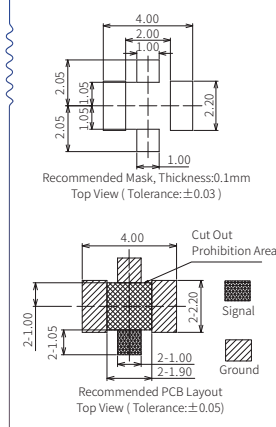
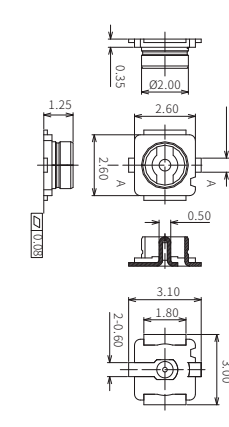
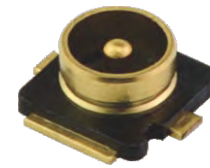
USS RF I Receptacle

P/N: 818000006

● Outline Dimensions

● PCB Layout

● Technology Parameters



- 1.1 Frequency Range: 0~9GHz
- 1.2 Impedance: $50 \pm 5\Omega$
- 1.3 Insulation Resistance: 500M Ω Min (Initial)
- 1.4 Dielectric Withstanding Voltage: 200V AC/1Min
- 1.5 Inner Contact Resistance: 20m Ω Max
- 1.6 Outer Contact Resistance: 10m Ω Max
- 1.7 Voltage Standing Wave Ratio: ≤ 1.3 (DC~3GHz)
 ≤ 1.4 (3~6GHz)
 ≤ 1.6 (6~9GHz)
- 1.8 Mechanical Durability: 30 Cycles
- 1.9 Relative Humidity: 95%R.H.Max
- 2.0 Operation Temperature: -40°C ~ +85°C

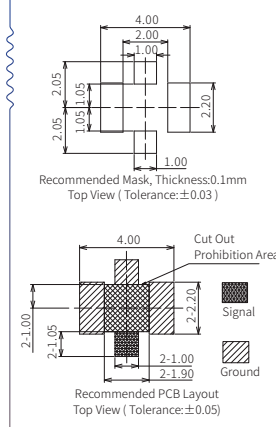
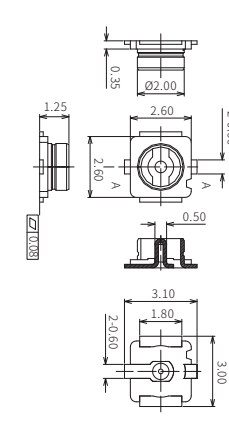
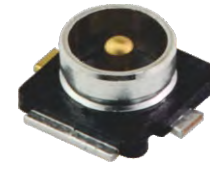
USS RF I Receptacle

P/N: 818000117

● Outline Dimensions

● PCB Layout

● Technology Parameters



- 1.1 Frequency Range: 0~9GHz
- 1.2 Impedance: $50 \pm 5\Omega$
- 1.3 Insulation Resistance: 500M Ω Min (Initial)
- 1.4 Dielectric Withstanding Voltage: 200V AC/1Min
- 1.5 Inner Contact Resistance: 20m Ω Max
- 1.6 Outer Contact Resistance: 10m Ω Max
- 1.7 Voltage Standing Wave Ratio: ≤ 1.3 (DC~3GHz)
 ≤ 1.4 (3~6GHz)
 ≤ 1.6 (6~9GHz)
- 1.8 Mechanical Durability: 30 Cycles
- 1.9 Relative Humidity: 95%R.H.Max
- 2.0 Operation Temperature: -40°C ~ +85°C

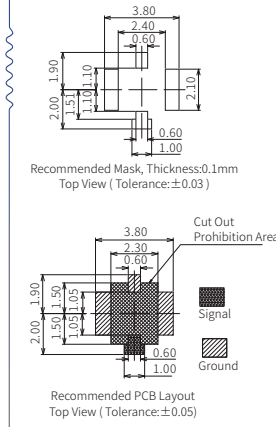
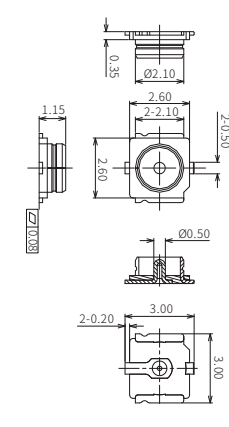
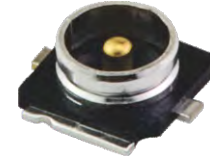
USS RF II Receptacle

P/N: 818000158

● Outline Dimensions

● PCB Layout

● Technology Parameters

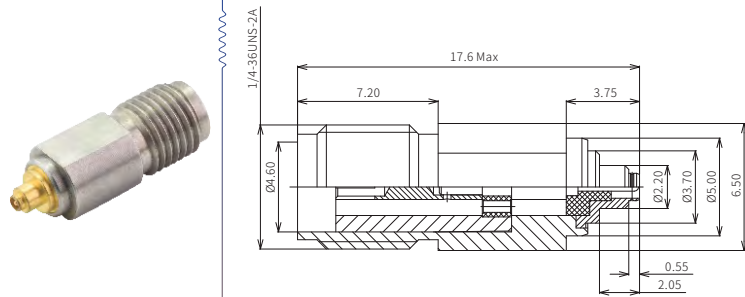


- 1.1 Frequency Range: 0~9GHz
- 1.2 Impedance: $50 \pm 5\Omega$
- 1.3 Insulation Resistance: 500M Ω Min (Initial)
- 1.4 Dielectric Withstanding Voltage: 200V AC/1Min
- 1.5 Inner Contact Resistance: 20m Ω Max
- 1.6 Outer Contact Resistance: 10m Ω Max
- 1.7 Voltage Standing Wave Ratio: ≤ 1.3 (DC~3GHz)
 ≤ 1.4 (3~6GHz)
 ≤ 1.6 (6~9GHz)
- 1.8 Mechanical Durability: 30 Cycles
- 1.9 Relative Humidity: 95%R.H.Max
- 2.0 Operation Temperature: -40°C ~ +85°C

USS RF III Receptacle to SMA Female

P/N: 818000544

Outline Dimensions



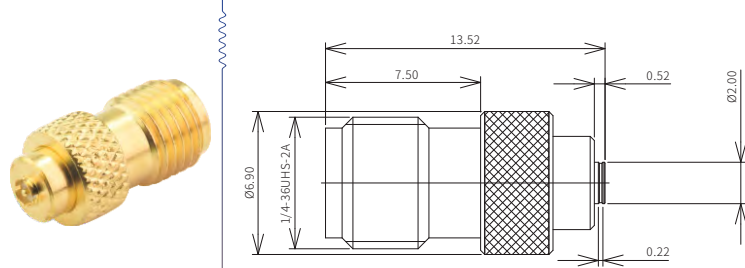
Technology Parameters

- 1.1 Frequency Range: 0~6GHz
- 1.2 Impedance: $50 \pm 5\Omega$
- 1.3 Insulation Resistance: 500M Ω Min
- 1.4 Dielectric Withstanding Voltage: 500V
- 1.5 Inner Contact Resistance: 30m Ω
- 1.6 Outer Contact Resistance: 20m Ω
- 1.7 Voltage Standing Wave Ratio: ≤ 1.3 (DC~6GHz)
- 1.8 Mechanical Durability: 500 Cycles
- 1.9 Operation Temperature: -40°C ~ +85°C

USS RF III Receptacle to SMA Female

P/N: 818002914

Outline Dimensions



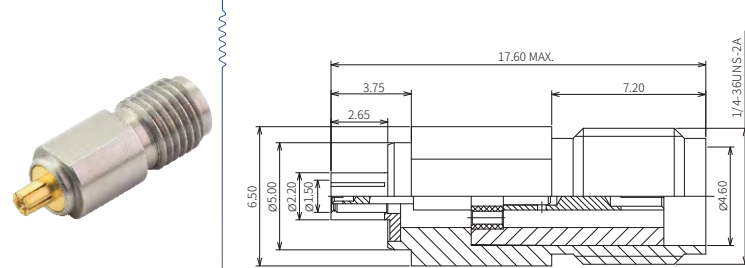
Technology Parameters

- 1.1 Frequency Range: 0~6GHz
- 1.2 Impedance: $50 \pm 5\Omega$
- 1.3 Insulation Resistance: 500M Ω Min
- 1.4 Dielectric Withstanding Voltage: 500V
- 1.5 Inner Contact Resistance: 30m Ω
- 1.6 Outer Contact Resistance: 20m Ω
- 1.7 Voltage Standing Wave Ratio: ≤ 1.3 (DC~6GHz)
- 1.8 Mechanical Durability: 500 Cycles
- 1.9 Operation Temperature: -40°C ~ +85°C

USS RF III Receptacle to SMA Female

P/N: 818000547

Outline Dimensions



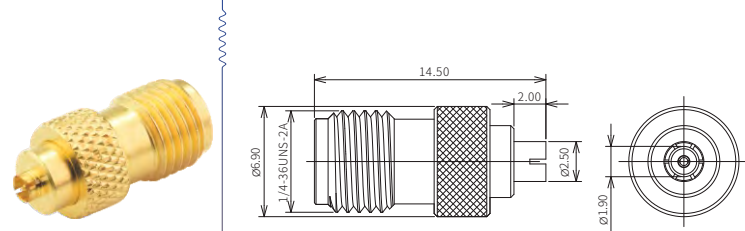
Technology Parameters

- 1.1 Frequency Range: 0~6GHz
- 1.2 Impedance: $50 \pm 5\Omega$
- 1.3 Insulation Resistance: 500M Ω Min
- 1.4 Dielectric Withstanding Voltage: 200V
- 1.5 Inner Contact Resistance: 30m Ω
- 1.6 Outer Contact Resistance: 20m Ω
- 1.7 Voltage Standing Wave Ratio: ≤ 1.3 (DC~6GHz)
- 1.8 Mechanical Durability: 300 Cycles
- 1.9 Operation Temperature: -40°C ~ +85°C

USS RF III Receptacle to SMA Female

P/N: 818004460

Outline Dimensions



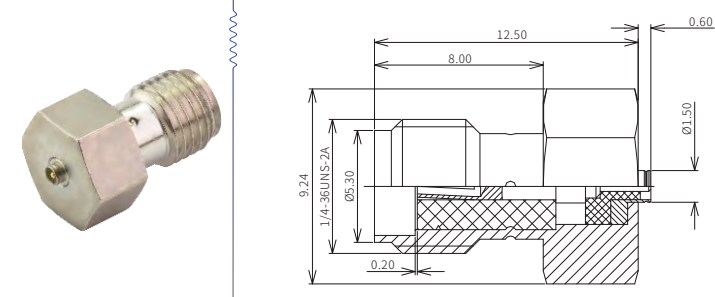
Technology Parameters

- 1.1 Frequency Range: 0~6GHz
- 1.2 Impedance: $50 \pm 5\Omega$
- 1.3 Insulation Resistance: 500M Ω Min
- 1.4 Dielectric Withstanding Voltage: 200V
- 1.5 Inner Contact Resistance: 30m Ω
- 1.6 Outer Contact Resistance: 20m Ω
- 1.7 Voltage Standing Wave Ratio: ≤ 1.15 (DC~6GHz)
- 1.8 Mechanical Durability: 300 Cycles
- 1.9 Operation Temperature: -40°C ~ +85°C

USS RF IV Receptacle to SMA Female

P/N: 818001301

Outline Dimensions



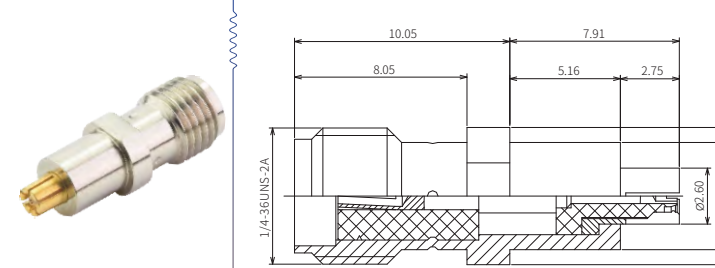
Technology Parameters

- 1.1 Frequency Range: 0~6GHz
- 1.2 Impedance: $50 \pm 5\Omega$
- 1.3 Insulation Resistance: 500M Ω Min
- 1.4 Dielectric Withstanding Voltage: 500V
- 1.5 Inner Contact Resistance: 30m Ω
- 1.6 Outer Contact Resistance: 20m Ω
- 1.7 Voltage Standing Wave Ratio: ≤ 1.3 (DC~6GHz)
- 1.8 Mechanical Durability: 500 Cycles
- 1.9 Operation Temperature: -40°C ~ +85°C

USS RF V Receptacle to SMA Female

P/N: 818001300

Outline Dimensions



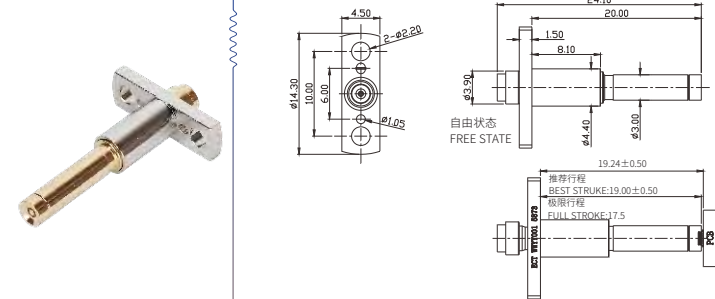
Technology Parameters

- 1.1 Frequency Range: 0~6GHz
- 1.2 Impedance: $50 \pm 5\Omega$
- 1.3 Insulation Resistance: 500M Ω Min
- 1.4 Dielectric Withstanding Voltage: 500V
- 1.5 Inner Contact Resistance: 30m Ω
- 1.6 Outer Contact Resistance: 20m Ω
- 1.7 Voltage Standing Wave Ratio: ≤ 1.3 (DC~6GHz)
- 1.8 Mechanical Durability: 300 Cycles
- 1.9 Operation Temperature: -55°C ~ +85°C

USS RF IV to SMPM Female Measurement Probe

P/N: 818045873

Outline Dimensions



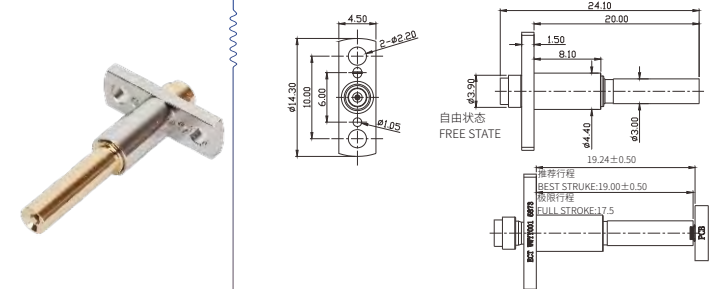
Technology Parameters

- 1.1 Frequency Range: DC~6GHz
- 1.2 Operation Temperature: -40°C ~ +85°C
- 1.3 Insulation Resistance: 100M Ω
- 1.4 Withstanding Voltage: 300V/AC
- 1.5 Durability: 20000 Cycle
- 1.6 Voltage Standing Wave Ratio: 1.35 Max
- 1.7 Insertion Loss: 0.40dB Max
- 1.8 Voltage Rating: 60V/AC (R.M.S)
- 1.9 Inner Conductor Impedance: 100m Ω
- 2.0 External Conductor Impedance: 100m Ω

USS RF V to SMPM Female Measurement Probe

P/N: 818045874

Outline Dimensions



Technology Parameters

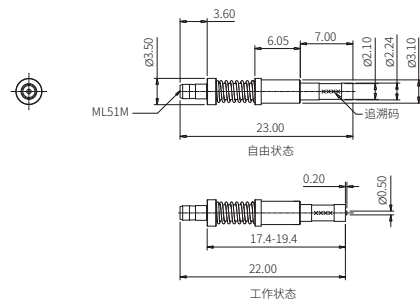
- 1.1 Frequency Range: DC~6GHz
- 1.2 Operation Temperature: -40°C ~ +85°C
- 1.3 Insulation Resistance: 100M Ω
- 1.4 Withstanding Voltage: 300V/AC
- 1.5 Durability: 20000 Cycle
- 1.6 Voltage Standing Wave Ratio: 1.35 Max
- 1.7 Insertion Loss: 0.40dB Max
- 1.8 Voltage Rating: 60V/AC (R.M.S)
- 1.9 Inner Conductor Impedance: 100m Ω
- 2.0 External Conductor Impedance: 100m Ω

USS RF III/V to ML51 Male Measurement Probe

P/N: 818017364

● Outline Dimensions

● Technology Parameters



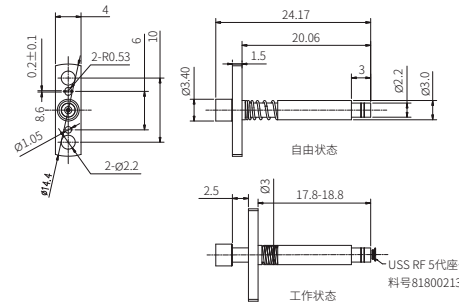
- 1.1 Frequency Range: DC~8GHz
- 1.2 Operation Temperature: -40°C~+85°C
- 1.3 Insulation Resistance: 100MΩ
- 1.4 Withstanding Voltage: 300V/AC
- 1.5 Durability: 10000 Cycle
- 1.6 Voltage Standing Wave Ratio: 1.35 Max
- 1.7 Insertion Loss: 0.6dB Max
- 1.8 Voltage Rating: 60V/AC (R.M.S)
- 1.9 Inner Conductor Impedance: 100mΩ
- 2.0 External Conductor Impedance: 100mΩ

USS RF III/V to SMPM Male Measurement Probe

P/N: 818022025

● Outline Dimensions

● Technology Parameters



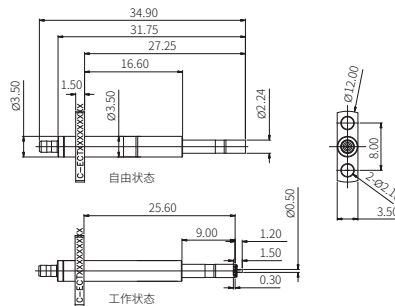
- 1.1 Frequency Range: DC~6GHz
- 1.2 Operation Temperature: -40°C~+85°C
- 1.3 Insulation Resistance: 100MΩ
- 1.4 Withstanding Voltage: 300V/AC
- 1.5 Durability: 20000 Cycle
- 1.6 Voltage Standing Wave Ratio: 1.2 Max
- 1.7 Insertion Loss: 0.35dB Max
- 1.8 Voltage Rating: 60V/AC (R.M.S)
- 1.9 Inner Conductor Impedance: 100mΩ
- 2.0 External Conductor Impedance: 100mΩ

USS RF III/V to ML51 Male Measurement Probe

P/N: 818017734

● Outline Dimensions

● Technology Parameters



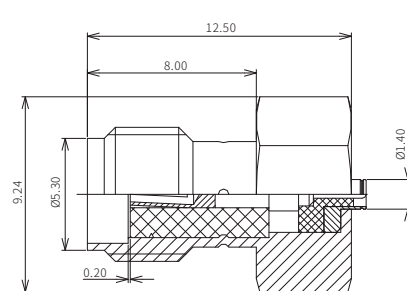
- 1.1 Frequency Range: DC~6GHz
- 1.2 Operation Temperature: -40°C~+85°C
- 1.3 Insulation Resistance: 100MΩ
- 1.4 Withstanding Voltage: 300V/AC
- 1.5 Durability: 10000 Cycle
- 1.6 Voltage Standing Wave Ratio: 1.40 Max
- 1.7 Insertion Loss: 0.6dB Max
- 1.8 Voltage Rating: 60V/AC (R.M.S)
- 1.9 Inner Conductor Impedance: 100mΩ
- 2.0 External Conductor Impedance: 100mΩ

USS RF IV&V Receptacle to SMA Female

P/N: 818001302

● Outline Dimensions

● Technology Parameters



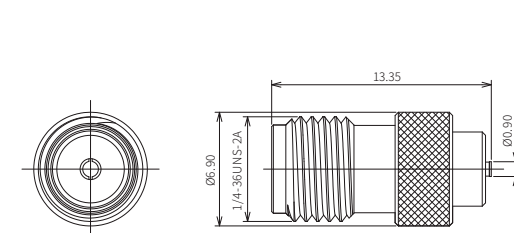
- 1.1 Frequency Range: 0~6GHz
- 1.2 Impedance: 50±5Ω
- 1.3 Insulation Resistance: 500MΩ Min
- 1.4 Dielectric Withstanding Voltage: 500V
- 1.5 Inner Contact Resistance: 30mΩ
- 1.6 Outer Contact Resistance: 20mΩ
- 1.7 Voltage Standing Wave Ratio: ≤1.3 (DC~6GHz)
- 1.8 Mechanical Durability: 500 Cycles
- 1.9 Operation Temperature: -40°C ~ +85°C

USS RF VI Receptacle to SMA Female

P/N: 818004444

● Outline Dimensions

● Technology Parameters



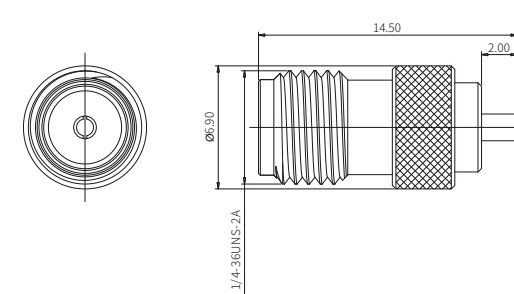
- 1.1 Frequency Range: 0~6GHz
- 1.2 Impedance: 50±5Ω
- 1.3 Insulation Resistance: 500MΩ Min
- 1.4 Dielectric Withstanding Voltage: 500V
- 1.5 Inner Contact Resistance: 30mΩ
- 1.6 Outer Contact Resistance: 20mΩ
- 1.7 Voltage Standing Wave Ratio: ≤1.3 (DC~6GHz)
- 1.8 Mechanical Durability: 300 Cycles
- 1.9 Operation Temperature: -40°C ~ +85°C

USS RF VI Receptacle to SMA Female

P/N: 818004445

● Outline Dimensions

● Technology Parameters



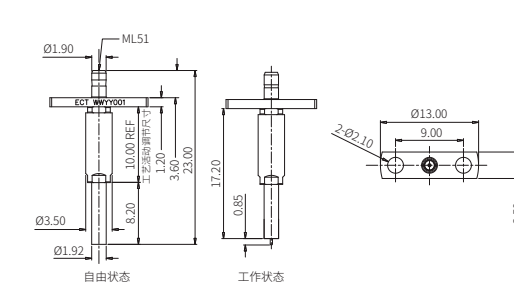
- 1.1 Frequency Range: 0~6GHz
- 1.2 Impedance: 50±5Ω
- 1.3 Insulation Resistance: 500MΩ Min
- 1.4 Dielectric Withstanding Voltage: 200V
- 1.5 Inner Contact Resistance: 30mΩ
- 1.6 Outer Contact Resistance: 20mΩ
- 1.7 Voltage Standing Wave Ratio: ≤1.15 (DC~6GHz)
- 1.8 Mechanical Durability: 300 Cycles
- 1.9 Operation Temperature: -40°C ~ +85°C

USS RF VI to ML51 Male Measurement Probe

P/N: 818023359

● Outline Dimensions

● Technology Parameters



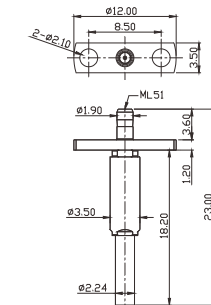
- 1.1 Frequency Range: DC~8GHz
- 1.2 Operation Temperature: -40°C~+85°C
- 1.3 Insulation Resistance: 100MΩ
- 1.4 Withstanding Voltage: 300V/AC
- 1.5 Durability: 10000 Cycle
- 1.6 Voltage Standing Wave Ratio: 1.4 Max
- 1.7 Insertion Loss: 0.80dB Max
- 1.8 Voltage Rating: 60V/AC (R.M.S)
- 1.9 Inner Conductor Impedance: 100mΩ
- 2.0 External Conductor Impedance: 100mΩ

USS RF VI to ML51 Male Measurement Probe

P/N: 818029017

● Outline Dimensions

● Technology Parameters



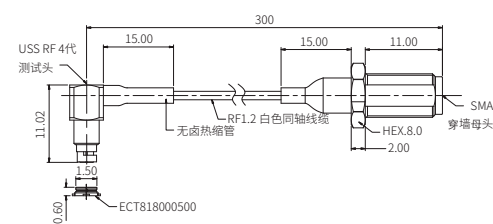
- 1.1 Frequency Range: DC~8GHz
- 1.2 Operation Temperature: -40°C~+85°C
- 1.3 Insulation Resistance: 100 MΩ
- 1.4 Withstanding Voltage: 300V /AC
- 1.5 Durability: 20000 Cycle
- 1.6 Voltage Standing Wave Ratio: 1.40 Max
- 1.7 Insertion Loss: 0.80dB Max
- 1.8 Voltage Rating: 60V AC (R.M.S)
- 1.8 Inner Conductor Impedance: 100mΩ
- 1.9 External Conductor Impedance: 100mΩ

USS RF IV Plug to SMA Female, RG 1.2 Cable White

P/N: 818018162

- Outline Dimensions

- Technology Parameters



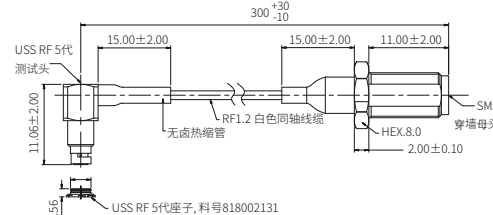
- 1.1 Frequency Range: DC~6GHz
- 1.2 Operation Temperature:
-40°C~+85°C
- 1.3 Insulation Resistance: 100MΩ
- 1.4 Withstanding Voltage:
300V/AC
- 1.5 Durability: 1000 Cycle
- 1.6 Voltage Standing Wave Ratio: 1.6 Max
- 1.7 Insertion Loss: 3.0dB Max
- 1.8 Voltage Rating:
60V/AC (R.M.S)
- 1.9 Inner Conductor Impedance: 100mΩ
- 2.0 External Conductor Impedance: 100mΩ

USS RF IV/V Plug to SMA Female, RG1.2 Cable White

P/N: 818018163

- Outline Dimensions

- Technology Parameters



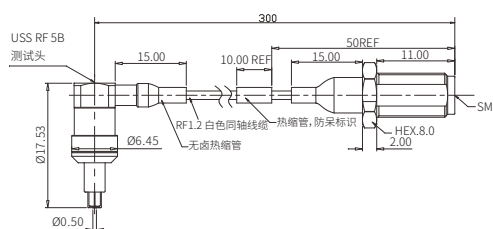
- 1.1 Frequency Range: DC~6GHz
- 1.2 Operation Temperature:
-40°C~+85°C
- 1.3 Insulation Resistance: 100MΩ
- 1.4 Withstanding Voltage:
300V/AC
- 1.5 Durability: 1000 Cycle
- 1.6 Voltage Standing Wave Ratio: 1.6 Max
- 1.7 Insertion Loss: 3.0dB Max
- 1.8 Voltage Rating:
60V/AC (R.M.S)
- 1.9 Inner Conductor Impedance: 100mΩ
- 2.0 External Conductor Impedance: 100mΩ

USS RF V Plug to SMA Female, RG1.2 Cable White

P/N: 818027381

- Outline Dimensions

- Technology Parameters



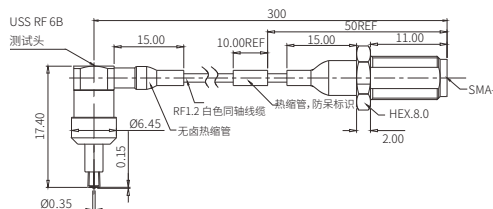
- 1.1 Frequency Range:DC~6GHz
- 1.2 Operation Temperature:
-40℃~+85℃
- 1.3 Insulation Resistance:100 MΩ
- 1.4 Withstanding Voltage:
300V/AC
- 1.5 Durability:1000 Cycle
- 1.6 Voltage Standing Wave Ratio:1.6 Max
- 1.7 Insertion Loss: 3.0dB Max
- 1.8 Voltage Rating:
60V/AC (R.M.S)
- 1.9 Inner Conductor Impedance:100mΩ
- 2.0 External Conductor Impedance:100mΩ

USS RF VI Plug to SMA Female, RG1.2 Cable White

P/N: 818025382

- Outline Dimensions

- Technology Parameters



- 1.1 Frequency Range: DC~6GHz
- 1.2 Operation Temperature:
-40°C~+85°C
- 1.3 Insulation Resistance: 100 MΩ
- 1.4 Withstanding Voltage:
300V/AC
- 1.5 Durability: 1000 Cycle
- 1.6 Voltage Standing Wave Ratio: 1.6 Max
- 1.7 Insertion Loss: 3.0dB Max
- 1.8 Voltage Rating:
60V/AC (R.M.S)
- 2.0 Inner Conductor Impedance: 100mΩ
- 2.0 External Conductor Impedance: 100mΩ

SCS Series

03.1 SCS Switch Connector

03.2 SCS RF Measurement Accessories



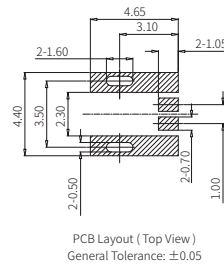
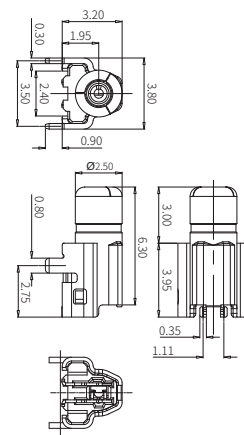
SCS RF Switch Connector, R/A SW, DIP Type

P/N: 818000457

● Outline Dimensions

● PCB Layout

● Technology Parameters



PCB Layout (Top View)
General Tolerance: ± 0.05

- 1.1 Frequency Range: DC~4GHz
- 1.2 Operating Humidity: 35%~85%R.H
- 1.3 Operation Temperature:
-25°C ~ +85°C
- 1.4 Impedance: 50 Ω
- 1.5 Voltage Standing Wave Ratio:
1.5 Max(DC~4GHz)
- 1.6 Insertion Loss:
-0.6dB Max(DC~4GHz)
- 1.7 Isolation:
-10dB Min(DC~4GHz)
- 1.8 Voltage Rating:
100V/AC (R.M.S)
- 1.9 Insulation Resistance: 1000 M Ω
- 2.0 Withstanding Voltage:
250V/AC/1Min

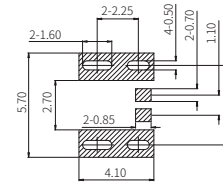
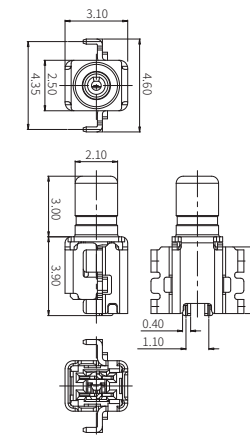
SCS RF Switch Connector, R/A SW, 4 DIP Type

P/N: 818001340

● Outline Dimensions

● PCB Layout

● Technology Parameters



Recommended PCB Layout
Tolerance: ± 0.05

- 1.1 Frequency Range: DC~4GHz
- 1.2 Operating Humidity: 35%~85%R.H
- 1.3 Operation Temperature:
-25°C ~ +85°C
- 1.4 Impedance: 50 Ω
- 1.5 Voltage Standing Wave Ratio:
1.5 Max(DC~4GHz)
- 1.6 Insertion Loss:
-0.6dB Max(DC~4GHz)
- 1.7 Isolation:
-10dB Min(DC~4GHz)
- 1.8 Voltage Rating:
100V/AC (R.M.S)
- 1.9 Insulation Resistance: 1000M Ω
- 2.0 Withstanding Voltage:
250V/AC/1Min

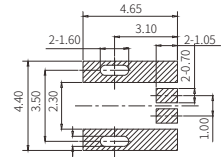
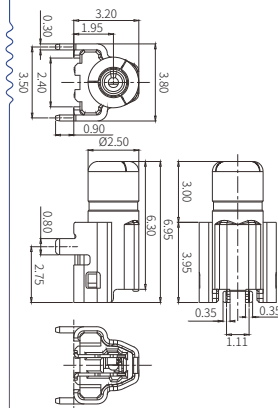
SCS RF Switch Connector, R/A SW, DIP Type

P/N: 818024767

● Outline Dimensions

● PCB Layout

● Technology Parameters



Recommended PCB Layout
Tolerance: ± 0.05

- 1.1 Voltage Rating: 100V/AC(R.M.S)
- 1.2 Frequency Range: DC~6GHz
- 1.3 Operation Temperature: -40°C~+85°C
- 1.4 Impedance: 50 Ω
- 1.5 Insulation Resistance: 1000 M Ω Min.
- 1.6 Withstanding Voltage: 150V/AC/1Min
- 1.7 Voltage Standing Wave Ratio:
(DC~1GHz) Normal Close: 1.30 Max.
(1~3GHz) Normal Close: 1.40 Max.
(3~6GHz) Normal Close: 1.50 Max.
- 1.8 Insertion Loss:
(DC~1GHz) Normal Close: -0.2dB Max.
(1~3GHz) Normal Close: -0.3dB Max.
(3~6GHz) Normal Close: -0.5dB Max.
- 1.9 Isolation:
(DC~1GHz) -15.0dB Min.
(1~3GHz) -11.0dB Min.
(3~6GHz) -10.0dB Min.

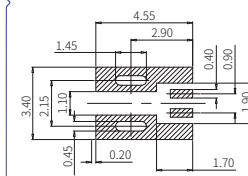
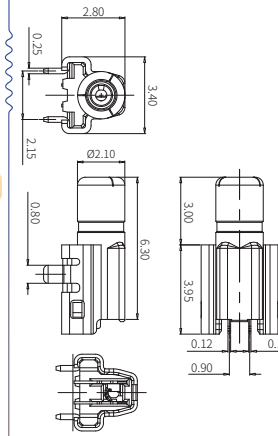
SCS RF Switch Connector, R/A SW, DIP Type

P/N: 818000601

● Outline Dimensions

● PCB Layout

● Technology Parameters



Recommended PCB Layout
Tolerance: ± 0.05

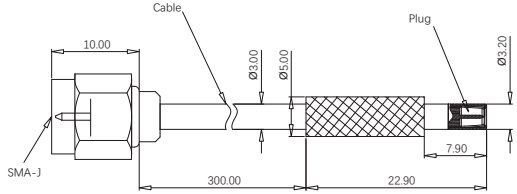
- 1.1 Frequency Range: DC~4GHz
- 1.2 Operating Humidity: 35%~85%R.H
- 1.3 Operation Temperature:
-25°C ~ +85°C
- 1.4 Impedance: 50 Ω
- 1.5 Voltage Standing Wave Ratio:
1.5 Max(DC~4GHz)
- 1.6 Insertion Loss:
-0.6dB Max(DC~4GHz)
- 1.7 Isolation:
-10dB Min(DC~4GHz)
- 1.8 Voltage Rating:
100V/AC (R.M.S)
- 1.9 Insulation Resistance: 1000M Ω
- 2.0 Withstanding Voltage:
250V/AC/1Min

SCS RF Connector, V/T RF Test Cable

P/N: 818000159

● Outline Dimensions

● Technology Parameters



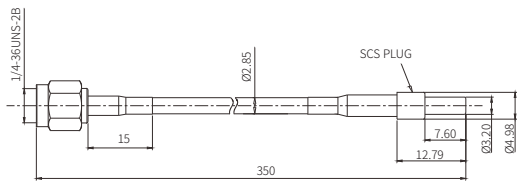
- 1.1 Voltage Rating: 250V/AC
- 1.2 Rated Current: 1A
- 1.3 Operation Temperature: -30°C ~ +85°C
- 1.4 Operating Humidity: 95%R.H.Max.
- 1.5 Electirc Power: 4W
- 1.6 Impedance: 50Ω
- 1.7 Insulation Resistance: More than 1,000MΩ
- 1.8 Withstanding Voltage: 1 Min/AC 100V RMS

SCS RF Connector, R/A RF Test Cable

P/N: 818023115

● Outline Dimensions

● Technology Parameters



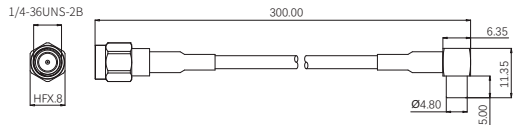
- 1.1 Voltage Rating: 250V/AC(R.S.M)
- 1.2 Frequency Range: DC~3GHz
- 1.3 Impedance: 50Ω
- 1.4 Operation Temperature: -30 °C ~ +85°C
- 1.5 Insulation Resistance: 1000MΩ
- 1.6 Withstanding Voltage: 100V/AC/1 Min.
- 1.7 Contact Resistance: 100 mΩ MAX
- 1.8 Voltage Standing Wave Ratio: 1.5 Max. (DC-3GHz)
- 1.9 Insertion Loss: -1.8dB MAX(DC-3GHz)

SCS RF Connector, R/A RF Test Cable

P/N: 818000496

● Outline Dimensions

● Technology Parameters



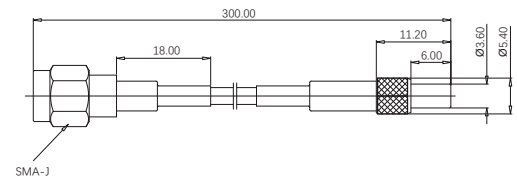
- 1.1 Voltage Rating: 250V/AC
- 1.2 Rated Current: 1A
- 1.3 Operation Temperature: -30°C ~ +85°C
- 1.4 Operating Humidity: 95%R.H.Max.
- 1.5 Electirc Power: 4W
- 1.6 Impedance: 50Ω
- 1.7 Insulation Resistance: More than 1,000MΩ
- 1.8 Withstanding Voltage: 1 Min/AC 100V RMS

SCS RF Connector, V/T RF Test Cable

P/N: 818000407

● Outline Dimensions

● Technology Parameters



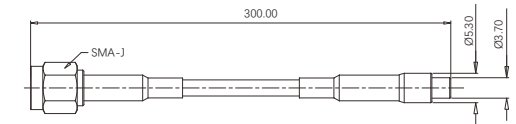
- 1.1 Voltage Rating: 250V/AC
- 1.2 Rated Current: 1A
- 1.3 Operation Temperature: -30°C ~ +85°C
- 1.4 Operating Humidity: 95%R.H.Max.
- 1.5 Electirc Power: 4W
- 1.6 Impedance: 50Ω
- 1.7 Insulation Resistance: More than 1,000MΩ
- 1.8 Withstanding Voltage: 1 Min/AC 100V RMS

SCS RF Connector, V/T RF Test Cable

P/N: 818023116

● Outline Dimensions

● Technology Parameters

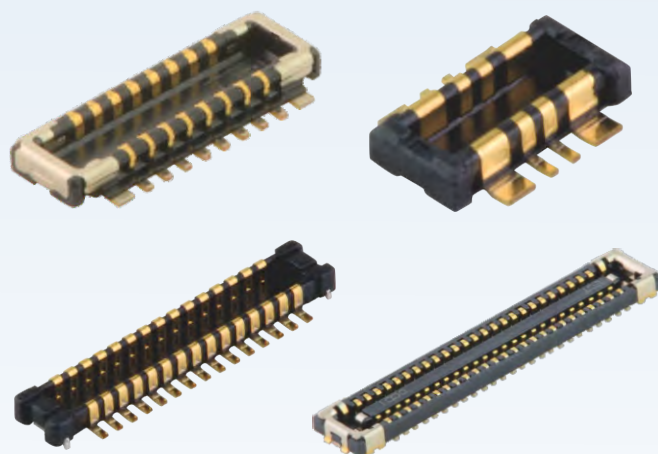


- 1.1 Voltage Rating: 250V/AC(R.S.M)
- 1.2 Frequency Range: DC~6GHz
- 1.3 Impedance: 50Ω
- 1.4 Operation Temperature: -40 °C ~ +85°C
- 1.5 Insulation Resistance: 500MΩ
- 1.6 Withstanding Voltage: 500V/AC/1 Min.
- 1.7 Contact Resistance: 100 mΩ MAX
- 1.8 Voltage Standing Wave Ratio: 1.5 Max. (DC-3GHz); 1.6 Max. (3-6GHz);
- 1.9 Insertion Loss: -1.6dB MAX(DC-3GHz); -2.45dB MAX(3-6GHz);

04

BTB Series

- 04.1 General BTB Connector
- 04.2 RF BTB Connector
- 04.3 Battery BTB Connector
- 04.4 Floating BTB Connector
- 04.5 High Speed BTB Connector



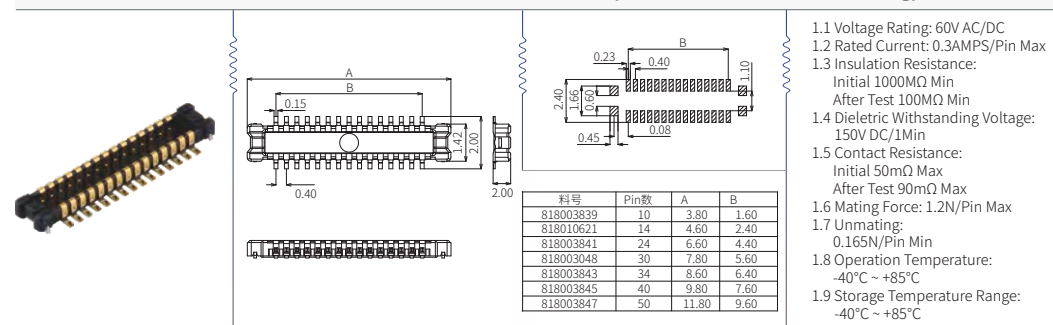
BTB Connector, Pitch 0.4, H 0.8, 24P, Plug

P/N: 818003841

● Outline Dimensions

● PCB Layout

● Technology Parameters



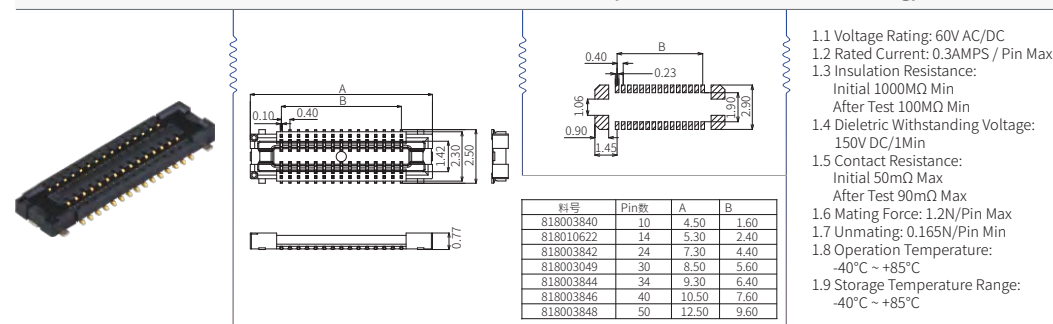
BTB Connector, Pitch 0.4, H 0.8, 24P, Recep.

P/N: 818003842

● Outline Dimensions

● PCB Layout

● Technology Parameters



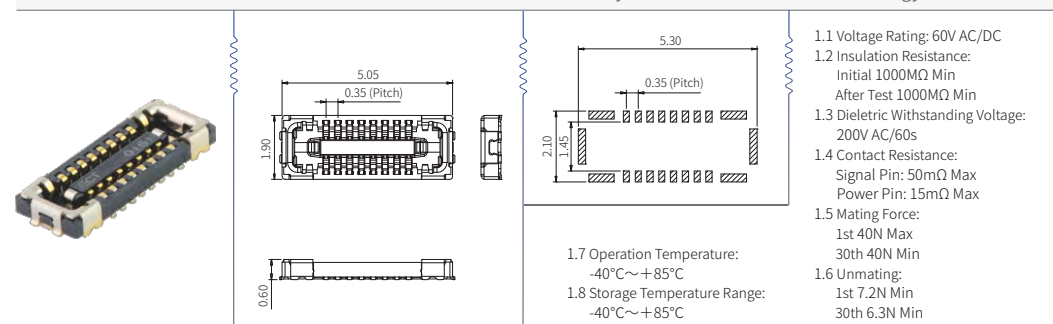
BTB Connector, Pitch 0.35, H 0.60, 16+2P Recep.

P/N: 818022628

● Outline Dimensions

● PCB Layout

● Technology Parameters



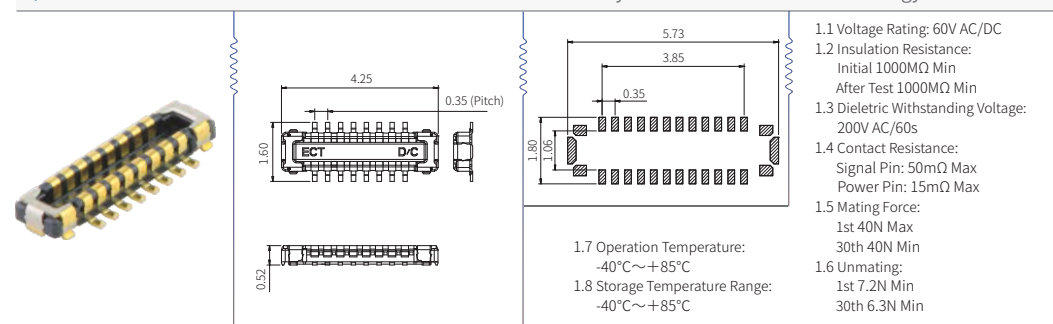
BTB Connector, Pitch 0.35, H 0.60, 16+2P Plug

P/N: 818022629

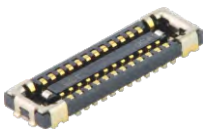
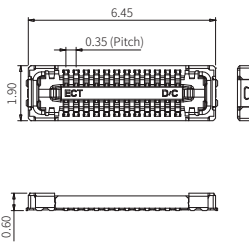
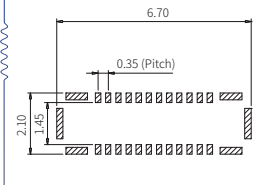
● Outline Dimensions

● PCB Layout

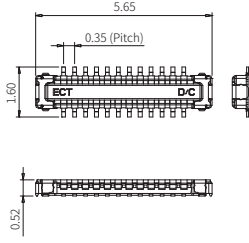
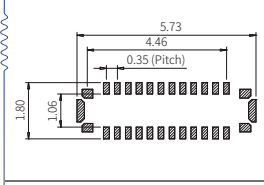
● Technology Parameters



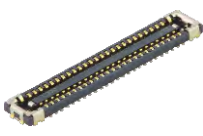
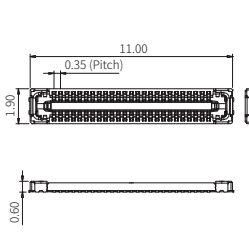
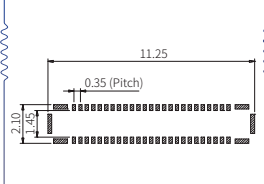
BTB Connector, Pitch 0.35, H 0.60, 24+2P Recep.

P/N: 818022630	Outline Dimensions	PCB Layout	Technology Parameters
			1.1 Voltage Rating: 60V AC/DC 1.2 Insulation Resistance: Initial 1000MΩ Min After Test 1000MΩ Min 1.3 Dielectric Withstanding Voltage: 200V AC/60s 1.4 Contact Resistance: Signal Pin: 50mΩ Max Power Pin: 15mΩ Max 1.5 Mating Force: 1st 40N Max 30th 40N Min 1.6 Unmating: 1st 10.4N Min 30th 9.1N Min 1.7 Operation Temperature: -40°C~+85°C 1.8 Storage Temperature Range: -40°C~+85°C

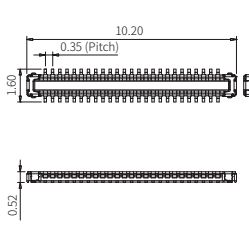
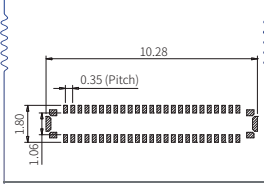
BTB Connector, Pitch 0.35, H 0.60, 24+2P Plug

P/N: 818022631	Outline Dimensions	PCB Layout	Technology Parameters
			1.1 Voltage Rating: 60V AC/DC 1.2 Insulation Resistance: Initial 1000MΩ Min After Test 1000MΩ Min 1.3 Dielectric Withstanding Voltage: 200V AC/60s 1.4 Contact Resistance: Signal Pin: 50mΩ Max Power Pin: 15mΩ Max 1.5 Mating Force: 1st 40N Max 30th 40N Min 1.6 Unmating: 1st 10.4N Min 30th 9.1N Min 1.7 Operation Temperature: -40°C~+85°C 1.8 Storage Temperature Range: -40°C~+85°C

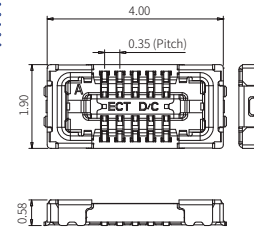
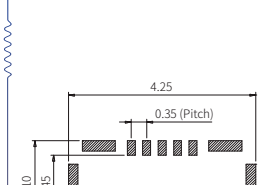
BTB Connector, Pitch 0.35, H 0.60, 50+2P Recep.

P/N: 818022632	Outline Dimensions	PCB Layout	Technology Parameters
			1.1 Voltage Rating: 60V AC/DC 1.2 Insulation Resistance: Initial 1000MΩ Min After Test 1000MΩ Min 1.3 Dielectric Withstanding Voltage: 200V AC/60s 1.4 Contact Resistance: Signal Pin: 50mΩ Max Power Pin: 15mΩ Max 1.5 Mating Force: 1st 40N Max 30th 40N Min 1.6 Unmating: 1st 18.2N Min 30th 15.6N Min 1.7 Operation Temperature: -40°C~+85°C 1.8 Storage Temperature Range: -40°C~+85°C

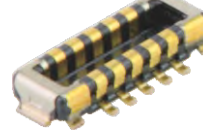
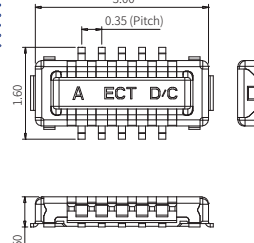
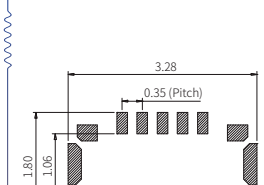
BTB Connector, Pitch 0.35, H 0.60, 50+2P Plug

P/N: 818022633	Outline Dimensions	PCB Layout	Technology Parameters
			1.1 Voltage Rating: 60V AC/DC 1.2 Insulation Resistance: Initial 1000MΩ Min After Test 1000MΩ Min 1.3 Dielectric Withstanding Voltage: 200V AC/60s 1.4 Contact Resistance: Signal Pin: 50mΩ Max Power Pin: 15mΩ Max 1.5 Mating Force: 1st 40N Max 30th 40N Min 1.6 Unmating: 1st 18.2N Min 30th 15.6N Min 1.7 Operation Temperature: -40°C~+85°C 1.8 Storage Temperature Range: -40°C~+85°C

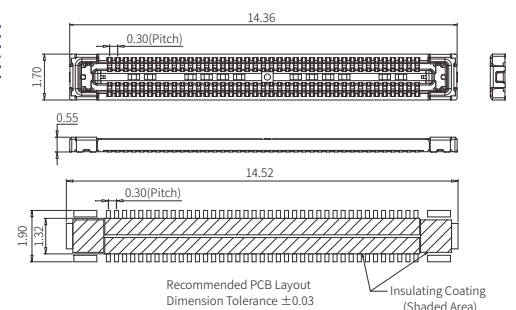
BTB Connector, Pitch 0.35, H 0.60, 10+2P Recep.

P/N: 818023199	Outline Dimensions	PCB Layout	Technology Parameters
			1.1 Voltage Rating: 60V AC/DC 1.2 Insulation Resistance: Initial 1000MΩ Min After Test 1000MΩ Min 1.3 Dielectric Withstanding Voltage: 200V AC/60s 1.4 Contact Resistance: Signal Pin: 50mΩ Max Power Pin: 15mΩ Max 1.5 Mating Force: 1st 40N Max 30th 40N Min 1.6 Unmating: 1st 6N Min 30th 4.8N Min 1.7 Operation Temperature: -40°C~+85°C 1.8 Storage Temperature Range: -40°C~+85°C

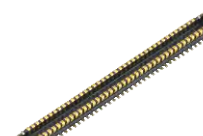
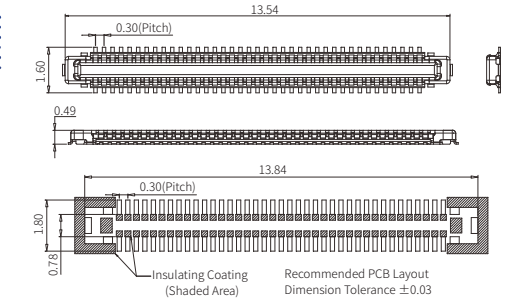
BTB Connector, Pitch 0.35, H 0.60, 10+2P Plug

P/N: 818023198	Outline Dimensions	PCB Layout	Technology Parameters
			1.1 Voltage Rating: 60V AC/DC 1.2 Insulation Resistance: Initial 1000MΩ Min After Test 1000MΩ Min 1.3 Dielectric Withstanding Voltage: 250V AC/60s 1.4 Contact Resistance: Signal Pin: 50 mΩ Max Power Pin: 15 mΩ Max 1.5 Mating Force: 1st 40N Max 30th 40N Max 1.6 Unmating: 1st: 6N Min 30th: 4.8N Min 1.7 Operation Temperature: -40°C~+85°C 1.8 Storage Temperature Range: -40°C~+85°C

BTB Connector, Pitch 0.3, H 0.6, 78P Recep.

P/N: 818024510	Outline Dimensions	Technology Parameters
		1.1 Voltage Rating: 60V AC/DC 1.2 Insulation Resistance: Initial: 1000MΩ Min After Test: 1000MΩ Min 1.3 Dielectric Withstanding Voltage: 250V AC 1min 1.4 Contact Resistance: Signal Pin: 50 mΩ Max Power Pin: 15 mΩ Max 1.5 Mating Force: 1st 50N Max 30th 50N Max 1.6 Unmating: 1st 23.4N Min 30th 19.5N Min 1.7 Operation Temperature: -40°C~+85°C 1.8 Mechanical Durability: 30Cycles 1.9 Storage Temperature Range: -40°C~+85°C

BTB Connector, Pitch 0.3, H 0.6, 78P Plug

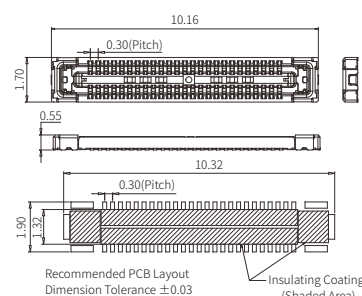
P/N: 818024509	Outline Dimensions	Technology Parameters
		1.1 Voltage Rating: 60V AC/DC 1.2 Insulation Resistance: Initial: 1000MΩ Min After Test: 1000MΩ Min 1.3 Dielectric Withstanding Voltage: 250V AC 1min 1.4 Contact Resistance: Signal Pin: 50 mΩ Max Power Pin: 15 mΩ Max 1.5 Mating Force: 1st 50N Max 30th 50N Max 1.6 Unmating: 1st 23.4N Min 30th 19.5N Min 1.7 Operation Temperature: -40°C~+85°C 1.8 Mechanical Durability: 30Cycles 1.9 Storage Temperature Range: -40°C~+85°C

BTB Connector, Pitch 0.3, H 0.6, 50P Recep.

P/N: 818030230

● Outline Dimensions

● Technology Parameters



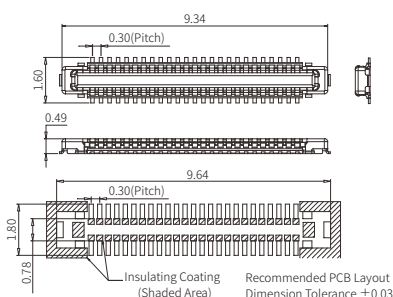
- 1.1 Voltage Rating: 60V AC/DC
- 1.2 Insulation Resistance:
Initial: 1000MΩ Min
After Test: 1000MΩ Min
- 1.3 Dielectric Withstanding Voltage:
250V AC 1min
- 1.4 Contact Resistance:
Signal Pin: 50 mΩ Max
Power Pin: 15 mΩ Max
- 1.5 Mating Force: 1st 40N Max
30th 40N Max
- 1.6 Unmating: 1st 17.5N Min
30th 15N Min
- 1.7 Operation Temperature:
-40°C~+85°C
- 1.8 Mechanical Durability: 30Cycles
- 1.9 Storage Temperature Range:
-40°C~+85°C

BTB Connector, Pitch 0.3, H 0.6, 50P Plug

P/N: 818030229

● Outline Dimensions

● Technology Parameters



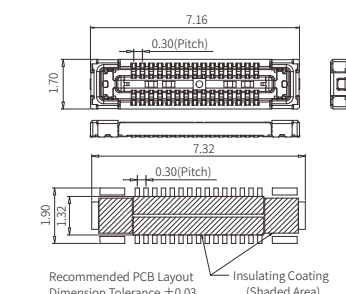
- 1.1 Voltage Rating: 60V AC/DC
- 1.2 Insulation Resistance:
Initial: 1000MΩ Min
After Test: 1000MΩ Min
- 1.3 Dielectric Withstanding Voltage:
250V AC 1min
- 1.4 Contact Resistance:
Signal Pin: 50 mΩ Max
Power Pin: 15 mΩ Max
- 1.5 Mating Force: 1st 40N Max
30th 40N Max
- 1.6 Unmating: 1st 17.5N Min
30th 15N Min
- 1.7 Operation Temperature:
-40°C~+85°C
- 1.8 Mechanical Durability: 30Cycles
- 1.9 Storage Temperature Range:
-40°C~+85°C

BTB Connector, Pitch 0.3, H 0.6, 30P Recep.

P/N: 818031528

● Outline Dimensions

● Technology Parameters



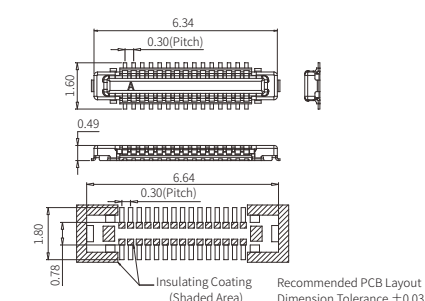
- 1.1 Voltage Rating: 60V AC/DC
- 1.2 Insulation Resistance:
Initial: 1000MΩ Min
After Test: 1000MΩ Min
- 1.3 Dielectric Withstanding Voltage:
250V AC 1min
- 1.4 Contact Resistance:
Signal Pin: 50 mΩ Max
Power Pin: 15 mΩ Max
- 1.5 Mating Force: 1st 40N Max
30th 40N Max
- 1.6 Unmating: 1st 12N Min
30th 10.5N Min
- 1.7 Operation Temperature:
-40°C~+85°C
- 1.8 Mechanical Durability: 30Cycles
- 1.9 Storage Temperature Range:
-40°C~+85°C

BTB Connector, Pitch 0.3, H 0.6, 30P Plug

P/N: 818031529

● Outline Dimensions

● Technology Parameters



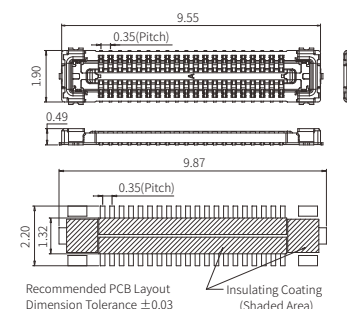
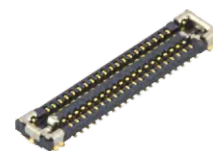
- 1.1 Voltage Rating: 60V AC/DC
- 1.2 Insulation Resistance:
Initial: 1000MΩ Min
After Test: 1000MΩ Min
- 1.3 Dielectric Withstanding Voltage:
250V AC 1min
- 1.4 Contact Resistance:
Signal Pin: 50 mΩ Max
Power Pin: 15 mΩ Max
- 1.5 Mating Force: 1st 40N Max
30th 40N Max
- 1.6 Unmating: 1st 12N Min
30th 10.5N Min
- 1.7 Operation Temperature:
-40°C~+85°C
- 1.8 Mechanical Durability: 30Cycles
- 1.9 Storage Temperature Range:
-40°C~+85°C

BTB Connector, Pitch 0.35, H 0.6, 40P Recep.

P/N: 818025778

● Outline Dimensions

● Technology Parameters



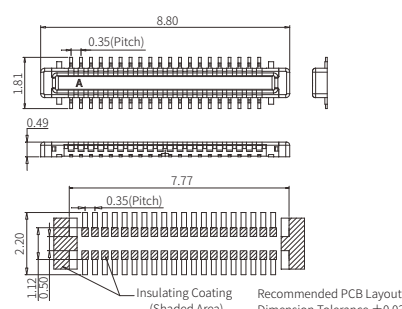
- 1.1 Voltage Rating: 60V AC/DC
- 1.2 Insulation Resistance:
Initial: 1000MΩ Min
After Test: 1000MΩ Min
- 1.3 Dielectric Withstanding Voltage:
250V AC 1min
- 1.4 Contact Resistance:
Signal Pin: 50 mΩ Max
Power Pin: 20 mΩ Max
- 1.5 Mating Force: 1st 40N Max
30th 40N Max
- 1.6 Unmating: 1st 8N Min
30th 8N Min
- 1.7 Operation Temperature:
-40°C~+85°C
- 1.8 Mechanical Durability: 30Cycles
- 1.9 Storage Temperature Range:
-40°C~+85°C

BTB Connector, Pitch 0.35, H 0.6, 40P Plug

P/N: 818025777

● Outline Dimensions

● Technology Parameters



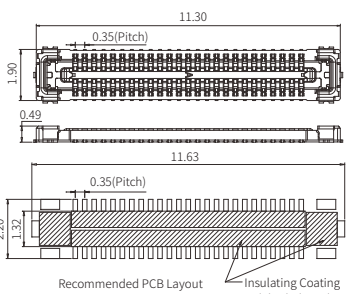
- 1.1 Voltage Rating: 60V AC/DC
- 1.2 Insulation Resistance:
Initial: 1000MΩ Min
After Test: 1000MΩ Min
- 1.3 Dielectric Withstanding Voltage:
250V AC 1min
- 1.4 Contact Resistance:
Signal Pin: 50 mΩ Max
Power Pin: 20 mΩ Max
- 1.5 Mating Force: 1st 40N Max
30th 40N Max
- 1.6 Unmating: 1st 8N Min
30th 8N Min
- 1.7 Operation Temperature:
-40°C~+85°C
- 1.8 Mechanical Durability: 30Cycles
- 1.9 Storage Temperature Range:
-40°C~+85°C

BTB Connector, Pitch 0.35, H 0.6, 50P Recep.

P/N: 818032164

● Outline Dimensions

● Technology Parameters



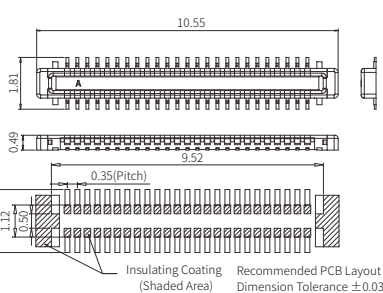
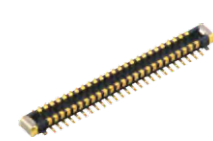
- 1.1 Voltage Rating: 60V AC/DC
- 1.2 Insulation Resistance:
Initial: 1000MΩ Min
After Test: 1000MΩ Min
- 1.3 Dielectric Withstanding Voltage:
250V AC 1min
- 1.4 Contact Resistance:
Signal Pin: 50 mΩ Max
Power Pin: 20 mΩ Max
- 1.5 Mating Force: 1st 40N Max
30th 40N Max
- 1.6 Unmating: 1st 8N Min
30th 8N Min
- 1.7 Operation Temperature:
-40°C~+85°C
- 1.8 Mechanical Durability: 30Cycles
- 1.9 Storage Temperature Range:
-40°C~+85°C

BTB Connector, Pitch 0.35, H 0.6, 50P Plug

P/N: 818032163

● Outline Dimensions

● Technology Parameters

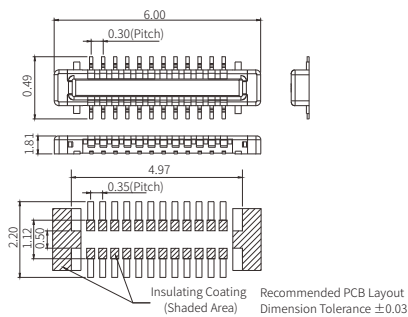


- 1.1 Voltage Rating: 60V AC/DC
- 1.2 Insulation Resistance:
Initial: 1000MΩ Min
After Test: 1000MΩ Min
- 1.3 Dielectric Withstanding Voltage:
250V AC 1min
- 1.4 Contact Resistance:
Signal Pin: 50 mΩ Max
Power Pin: 20 mΩ Max
- 1.5 Mating Force: 1st 40N Max
30th 40N Max
- 1.6 Unmating: 1st 8N Min
30th 8N Min
- 1.7 Operation Temperature:
-40°C~+85°C
- 1.8 Mechanical Durability: 30Cycles
- 1.9 Storage Temperature Range:
-40°C~+85°C

BTB Connector, Pitch 0.35, H 0.6, 24P Recep.

P/N: 818032767

● Outline Dimensions



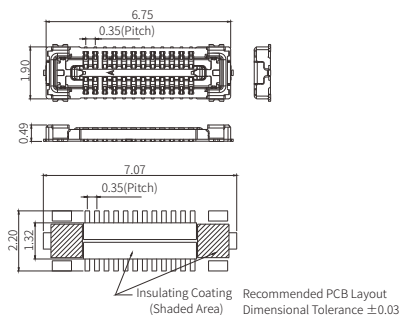
● Technology Parameters

- 1.1 Voltage Rating: 50V AC/DC
- 1.2 Insulation Resistance: Initial: 1000MΩ Min After Test: 1000MΩ Min
- 1.3 Dielectric Withstanding Voltage: 250V AC/1Min
- 1.4 Contact Resistance: Signal Pin: 50 mΩ Max Power Pin: 20 mΩ Max
- 1.5 Mating Force: 1st 40N Max 30th 40N Max
- 1.6 Unmating: 1st 4.8N Min 30th 4.8N Min
- 1.7 Operation Temperature: -40°C~+85°C
- 1.8 Mechanical Durability: 30Cycles
- 1.9 Storage Temperature Range: -40°C~+85°C

BTB Connector, Pitch 0.35, H 0.6, 24P Plug

P/N: 818032768

● Outline Dimensions



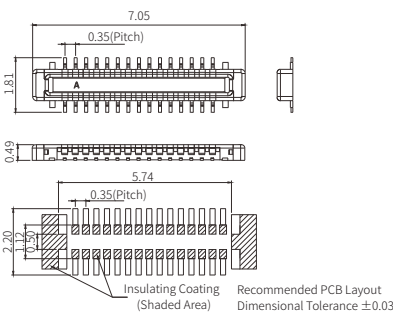
● Technology Parameters

- 1.1 Voltage Rating: 50V AC/DC
- 1.2 Insulation Resistance: Initial: 1000MΩ Min After Test: 1000MΩ Min
- 1.3 Dielectric Withstanding Voltage: 250V AC/1Min
- 1.4 Contact Resistance: Signal Pin: 50 mΩ Max Power Pin: 20 mΩ Max
- 1.5 Mating Force: 1st 40N Max 30th 40N Max
- 1.6 Unmating: 1st 4.8N Min 30th 4.8N Min
- 1.7 Operation Temperature: -40°C~+85°C
- 1.8 Mechanical Durability: 30Cycles
- 1.9 Storage Temperature Range: -40°C~+85°C

BTB Connector, Pitch 0.35, H 0.6, 30P Recep.

P/N: 818038211

● Outline Dimensions



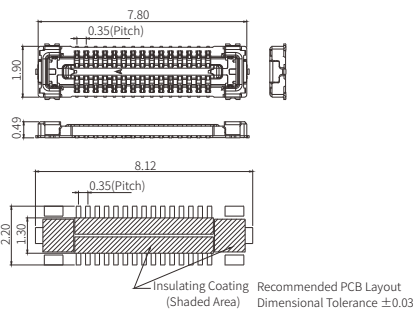
● Technology Parameters

- 1.1 Voltage Rating: 50V AC/DC
- 1.2 Insulation Resistance: Initial: 1000MΩ Min After Test: 1000MΩ Min
- 1.3 Dielectric Withstanding Voltage: 250V AC/1Min
- 1.4 Contact Resistance: Signal Pin: 50 mΩ Max Power Pin: 20 mΩ Max
- 1.5 Mating Force: 1st 40N Max 30th 40N Max
- 1.6 Unmating: 1st 6N Min 30th 6N Min
- 1.7 Operation Temperature: -40°C~+85°C
- 1.8 Mechanical Durability: 30Cycles
- 1.9 Storage Temperature Range: -40°C~+85°C

BTB Connector, Pitch 0.35, H 0.6, 30P Plug

P/N: 818038210

● Outline Dimensions



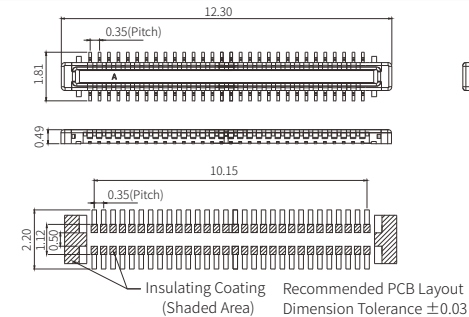
● Technology Parameters

- 1.1 Voltage Rating: 50V AC/DC
- 1.2 Insulation Resistance: Initial: 1000MΩ Min After Test: 1000MΩ Min
- 1.3 Dielectric Withstanding Voltage: 250V AC/1Min
- 1.4 Contact Resistance: Signal Pin: 50 mΩ Max Power Pin: 20 mΩ Max
- 1.5 Mating Force: 1st 40N Max 30th 40N Max
- 1.6 Unmating: 1st 6N Min 30th 6N Min
- 1.7 Operation Temperature: -40°C~+85°C
- 1.8 Mechanical Durability: 30Cycles
- 1.9 Storage Temperature Range: -40°C~+85°C

BTB Connector, Pitch 0.35, H0.6, 60P Plug

P/N: 818045623

● Outline Dimensions



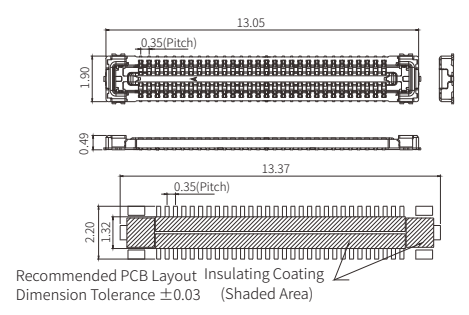
● Technology Parameters

- 1.1 Voltage Rating: 50V AC/DC
- 1.2 Insulation Resistance: Initial: 1000MΩ Min After Test: 1000MΩ Min
- 1.3 Dielectric Withstanding Voltage: 250V AC/1Min
- 1.4 Contact Resistance: Signal Pin: 50 mΩ Max Power Pin: 20 mΩ Max
- 1.5 Mating Force: 1st: 40N Max 30th: 40N Max
- 1.6 Unmating: 1st: 15N Min 30th: 12N Min
- 1.7 Operation Temperature: -40°C~+85°C
- 1.8 Mechanical Durability: 30Cycles
- 1.9 Storage Temperature Range: -40°C~+85°C

BTB Connector, Pitch 0.35, H0.6, 60P Recep.

P/N: 818045624

● Outline Dimensions



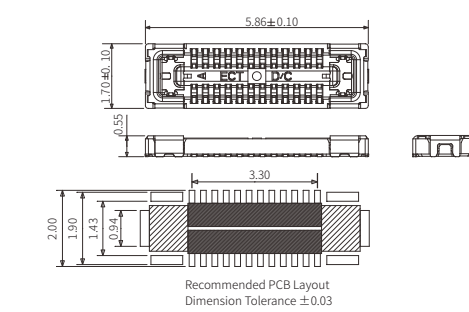
● Technology Parameters

- 1.1 Voltage Rating: 50V AC/DC
- 1.2 Insulation Resistance: Initial: 1000MΩ Min After Test: 1000MΩ Min
- 1.3 Dielectric Withstanding Voltage: 250V AC/1Min
- 1.4 Contact Resistance: Signal Pin: 50 mΩ Max Power Pin: 20 mΩ Max
- 1.5 Mating Force: 1st: 40N Max 30th: 40N Max
- 1.6 Unmating: 1st: 15.0N Min 30th: 12.0N Min
- 1.7 Operation Temperature: -40°C~+85°C
- 1.8 Mechanical Durability: 30Cycles
- 1.9 Storage Temperature Range: -40°C~+85°C

BTB Connector, Pitch 0.30, H0.6, 24P Recep.

P/N: 818032470

● Outline Dimensions



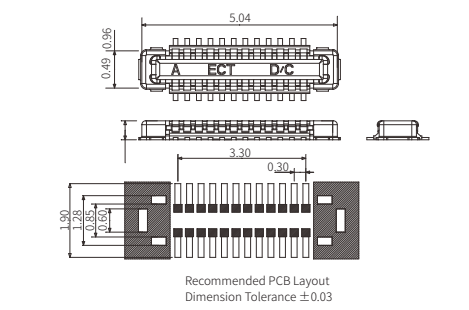
● Technology Parameters

- 1.1 Voltage Rating: 60V AC/DC
- 1.2 Insulation Resistance: Initial: 1000MΩ Min After Test: 1000MΩ Min
- 1.3 Dielectric Withstanding Voltage: 250V AC/1Min
- 1.4 Contact Resistance: Signal Pin: 50 mΩ Max Power Pin: 15 mΩ Max
- 1.5 Mating Force: 1st 40N Max 30th 40N Max
- 1.6 Unmating: 1st 9.6N Min 30th 8.4N Min
- 1.7 Operation Temperature: -40°C~+85°C
- 1.8 Mechanical Durability: 30Cycles
- 1.9 Storage Temperature Range: -40°C~+85°C

BTB Connector, Pitch 0.3, H 0.6, 24P Plug

P/N: 818032471

● Outline Dimensions



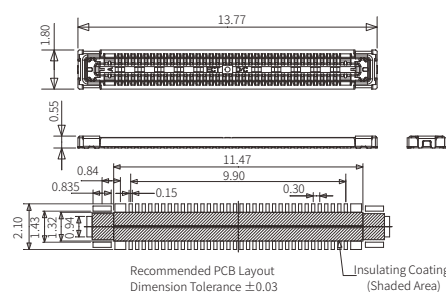
● Technology Parameters

- 1.1 Voltage Rating: 60V AC/DC
- 1.2 Insulation Resistance: Initial: 1000MΩ Min After Test: 1000MΩ Min
- 1.3 Dielectric Withstanding Voltage: 250V AC/1Min
- 1.4 Contact Resistance: Signal Pin: 50 mΩ Max Power Pin: 15 mΩ Max
- 1.5 Mating Force: 1st 40N Max 30th 40N Max
- 1.6 Unmating: 1st 9.6N Min 30th 8.4N Min
- 1.7 Operation Temperature: -40°C~+85°C
- 1.8 Mechanical Durability: 30Cycles
- 1.9 Storage Temperature Range: -40°C~+85°C

BTB Connector, Pitch 0.30, H 0.6, 68+6P Recep.

P/N: 818032468

● Outline Dimensions



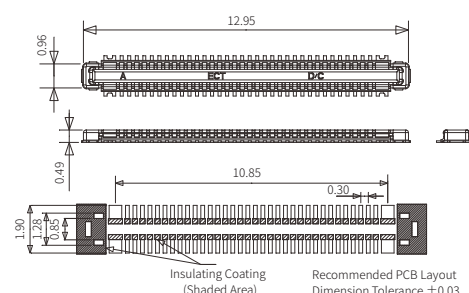
● Technology Parameters

- 1.1 Voltage Rating: 60V AC/DC
- 1.2 Insulation Resistance:
Initial: 1000M Ω Min
After Test: 1000M Ω Min
- 1.3 Dielectric Withstanding Voltage:
250V AC/1Min
- 1.4 Contact Resistance:
Signal Pin: 50 m Ω Max
Power Pin: 15 m Ω Max
- 1.5 Mating Force: 1st: 40N Max
30th: 40N Max
- 1.6 Unmating: 1st: 21.6N Min
30th: 18.0N Min
- 1.7 Operation Temperature:
-40°C ~ +85°C
- 1.8 Mechanical Durability: 30Cycles
- 1.9 Storage Temperature Range:
-40°C ~ +85°C

BTB Connector, Pitch 0.3, H 0.6, 68+6P Plug

P/N: 818032469

● Outline Dimensions



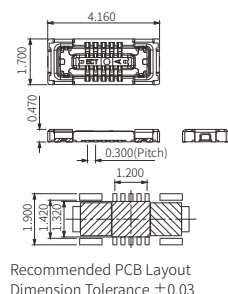
● Technology Parameters

- 1.1 Voltage Rating: 60V AC/DC
- 1.2 Insulation Resistance:
Initial: 1000M Ω Min
After Test: 1000M Ω Min
- 1.3 Dielectric Withstanding Voltage:
250V AC/1Min
- 1.4 Contact Resistance:
Signal Pin: 50 m Ω Max
Power Pin: 15 m Ω Max
- 1.5 Mating Force: 1st: 40N Max
30th: 40N Max
- 1.6 Unmating: 1st: 21.6N Min
30th: 18.0N Min
- 1.7 Operation Temperature:
-40°C ~ +85°C
- 1.8 Mechanical Durability: 30Cycles
- 1.9 Storage Temperature Range:
-40°C ~ +85°C

BTB-10PIN-CONN-RECEP P0.3MM H0.50MM Eh11

P/N: 818051886

● Outline Dimensions



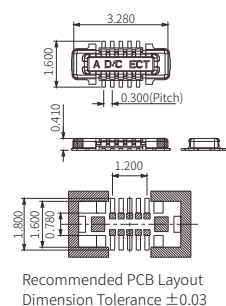
● Technology Parameters

- 1.1 Voltage Rating: 60V AC/DC
- 1.2 Insulation Resistance:
Initial: 1000M Ω Min
After Test: 1000M Ω Min
- 1.3 Dielectric Withstanding Voltage:
250V AC/1Min
- 1.4 Contact Resistance:
Signal Pin: 50 m Ω Max
Power Pin: 15 m Ω Max
- 1.5 Mating Force: 1st: 50N Max
30th: 50N Max
- 1.6 Unmating: 1st: 6.0N Min
30th: 4.0N Min
- 1.7 Operation Temperature:
-40°C ~ +85°C
- 1.8 Mechanical Durability: 30Cycles
- 1.9 Storage Temperature Range:
-40°C ~ +85°C

BTB-10PIN-CONN-PLUG P0.3MM H0.50MM Eh11

P/N: 818051887

● Outline Dimensions



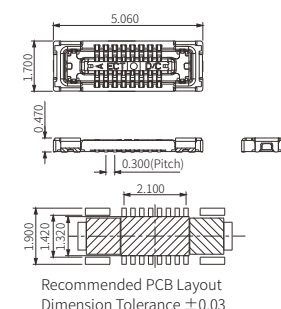
● Technology Parameters

- 1.1 Voltage Rating: 60V AC/DC
- 1.2 Insulation Resistance:
Initial: 1000M Ω Min
After Test: 1000M Ω Min
- 1.3 Dielectric Withstanding Voltage:
250V AC/1Min
- 1.4 Contact Resistance:
Signal Pin: 50 m Ω Max
Power Pin: 15 m Ω Max
- 1.5 Mating Force: 1st: 50N Max
30th: 50N Max
- 1.6 Unmating: 1st: 6.0N Min
30th: 4.0N Min
- 1.7 Operation Temperature:
-40°C ~ +85°C
- 1.8 Mechanical Durability: 30Cycles
- 1.9 Storage Temperature Range:
-40°C ~ +85°C

BTB-16PIN-CONN-RECEP P0.3MM H0.50MM Eh11

P/N: 818051814

● Outline Dimensions



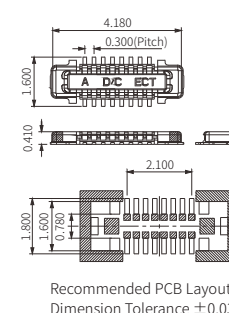
● Technology Parameters

- 1.1 Voltage Rating: 60V AC/DC
- 1.2 Insulation Resistance:
Initial: 1000M Ω Min
After Test: 1000M Ω Min
- 1.3 Dielectric Withstanding Voltage:
250V AC/1Min
- 1.4 Contact Resistance:
Signal Pin: 50 m Ω Max
Power Pin: 15 m Ω Max
- 1.5 Mating Force: 1st: 50N Max
30th: 50N Max
- 1.6 Unmating: 1st: 6.0N Min
30th: 4.0N Min
- 1.7 Operation Temperature:
-40°C ~ +85°C
- 1.8 Mechanical Durability: 30Cycles
- 1.9 Storage Temperature Range:
-40°C ~ +85°C

BTB-16PIN-CONN-PLUG P0.3MM H0.50MM Eh11

P/N: 818051815

● Outline Dimensions



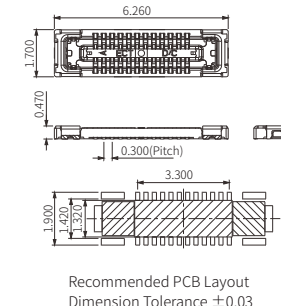
● Technology Parameters

- 1.1 Voltage Rating: 60V AC/DC
- 1.2 Insulation Resistance:
Initial: 1000M Ω Min
After Test: 1000M Ω Min
- 1.3 Dielectric Withstanding Voltage:
250V AC/1Min
- 1.4 Contact Resistance:
Signal Pin: 50 m Ω Max
Power Pin: 15 m Ω Max
- 1.5 Mating Force: 1st: 50N Max
30th: 50N Max
- 1.6 Unmating: 1st: 6.0N Min
30th: 4.0N Min
- 1.7 Operation Temperature:
-40°C ~ +85°C
- 1.8 Mechanical Durability: 30Cycles
- 1.9 Storage Temperature Range:
-40°C ~ +85°C

BTB-24PIN-CONN-RECEP P0.3MM H0.50MM Eh11

P/N: 818051816

● Outline Dimensions



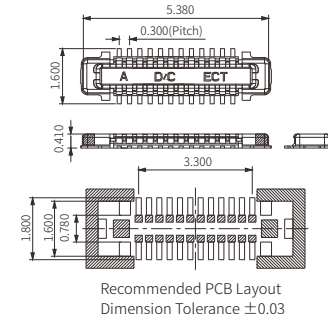
● Technology Parameters

- 1.1 Voltage Rating: 60V AC/DC
- 1.2 Insulation Resistance:
Initial: 1000M Ω Min
After Test: 1000M Ω Min
- 1.3 Dielectric Withstanding Voltage:
250V AC/1Min
- 1.4 Contact Resistance:
Signal Pin: 50 m Ω Max
Power Pin: 15 m Ω Max
- 1.5 Mating Force: 1st: 50N Max
30th: 50N Max
- 1.6 Unmating: 1st: 6.0N Min
30th: 4.0N Min
- 1.7 Operation Temperature:
-40°C ~ +85°C
- 1.8 Mechanical Durability: 30Cycles
- 1.9 Storage Temperature Range:
-40°C ~ +85°C

BTB-24PIN-CONN-PLUG P0.3MM H0.50MM Eh11

P/N: 818051817

● Outline Dimensions



● Technology Parameters

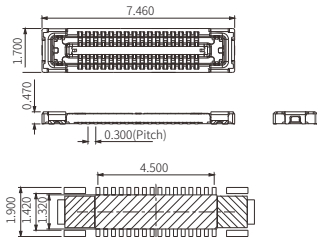
- 1.1 Voltage Rating: 60V AC/DC
- 1.2 Insulation Resistance:
Initial: 1000M Ω Min
After Test: 1000M Ω Min
- 1.3 Dielectric Withstanding Voltage:
250V AC/1Min
- 1.4 Contact Resistance:
Signal Pin: 50 m Ω Max
Power Pin: 15 m Ω Max
- 1.5 Mating Force: 1st: 50N Max
30th: 50N Max
- 1.6 Unmating: 1st: 6.0N Min
30th: 4.0N Min
- 1.7 Operation Temperature:
-40°C ~ +85°C
- 1.8 Mechanical Durability: 30Cycles
- 1.9 Storage Temperature Range:
-40°C ~ +85°C

BTB-32PIN-CONN-RECEP P0.3MM H0.50MM Eh11

P/N: 818051818

● Outline Dimensions

● Technology Parameters



Recommended PCB Layout
Dimension Tolerance ± 0.03

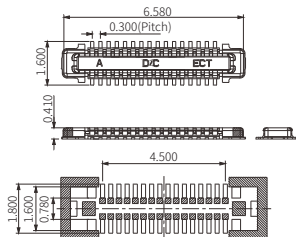
- 1.1 Voltage Rating: 60V AC/DC
- 1.2 Insulation Resistance:
Initial: 1000M Ω Min
After Test: 1000M Ω Min
- 1.3 Dielectric Withstanding Voltage:
250V AC/1Min
- 1.4 Contact Resistance:
Signal Pin: 50 m Ω Max
Power Pin: 15 m Ω Max
- 1.5 Mating Force: 1st: 50N Max
30th: 50N Max
- 1.6 Unmating: 1st: 10.0N Min
30th: 8.0N Min
- 1.7 Operation Temperature:
-40°C~+85°C
- 1.8 Mechanical Durability: 30Cycles
- 1.9 Storage Temperature Range:
-40°C~+85°C

BTB-32PIN-CONN-PLUG P0.3MM H0.50MM Eh11

P/N: 818051819

● Outline Dimensions

● Technology Parameters



Recommended PCB Layout
Dimension Tolerance ± 0.03

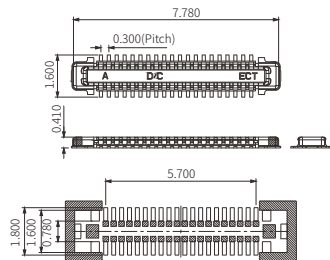
- 1.1 Voltage Rating: 60V AC/DC
- 1.2 Insulation Resistance:
Initial: 1000M Ω Min
After Test: 1000M Ω Min
- 1.3 Dielectric Withstanding Voltage:
250V AC/1Min
- 1.4 Contact Resistance:
Signal Pin: 50 m Ω Max
Power Pin: 15 m Ω Max
- 1.5 Mating Force: 1st: 50N Max
30th: 50N Max
- 1.6 Unmating: 1st: 10.0N Min
30th: 8.0N Min
- 1.7 Operation Temperature:
-40°C~+85°C
- 1.8 Mechanical Durability: 30Cycles
- 1.9 Storage Temperature Range:
-40°C~+85°C

P0.30mm H0.50 40+2PIN PLUG

P/N: 818044587

● Outline Dimensions

● Technology Parameters



Recommended PCB Layout
Dimension Tolerance ± 0.03

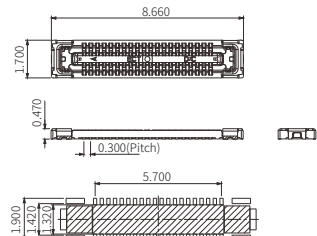
- 1.1 Voltage Rating: 60V AC/DC
- 1.2 Insulation Resistance:
Initial: 1000M Ω Min
After Test: 1000M Ω Min
- 1.3 Dielectric Withstanding Voltage:
250V AC/1Min
- 1.4 Contact Resistance:
Signal Pin: 50 m Ω Max
Power Pin: 15 m Ω Max
- 1.5 Mating Force: 1st: 50N Max
30th: 50N Max
- 1.6 Unmating: 1st: 10.0N Min
30th: 8.0N Min
- 1.7 Operation Temperature:
-40°C~+85°C
- 1.8 Mechanical Durability: 30Cycles
- 1.9 Storage Temperature Range:
-40°C~+85°C

P0.30mm H0.50 40+2PIN RECP

P/N: 818044588

● Outline Dimensions

● Technology Parameters



Recommended PCB Layout
Dimension Tolerance ± 0.03

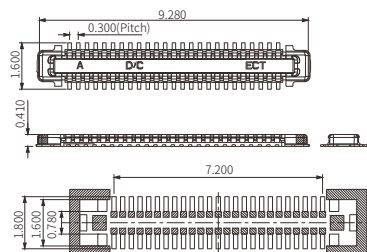
- 1.1 Voltage Rating: 60V AC/DC
- 1.2 Insulation Resistance:
Initial: 1000M Ω Min
After Test: 1000M Ω Min
- 1.3 Dielectric Withstanding Voltage:
250V AC/1Min
- 1.4 Contact Resistance:
Signal Pin: 50 m Ω Max
Power Pin: 15 m Ω Max
- 1.5 Mating Force: 1st: 50N Max
30th: 50N Max
- 1.6 Unmating: 1st: 10.0N Min
30th: 8.0N Min
- 1.7 Operation Temperature:
-40°C~+85°C
- 1.8 Mechanical Durability: 30Cycles
- 1.9 Storage Temperature Range:
-40°C~+85°C

P0.30mm H0.50 50+2PIN PLUG

P/N: 818053991

● Outline Dimensions

● Technology Parameters



Recommended PCB Layout
Dimension Tolerance ± 0.03

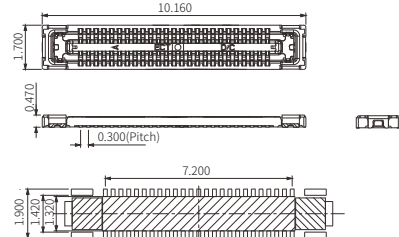
- 1.1 Voltage Rating: 60V AC/DC
- 1.2 Insulation Resistance:
Initial: 1000M Ω Min
After Test: 1000M Ω Min
- 1.3 Dielectric Withstanding Voltage:
250V AC/1Min
- 1.4 Contact Resistance:
Signal Pin: 50 m Ω Max
Power Pin: 15 m Ω Max
- 1.5 Mating Force: 1st: 50N Max
30th: 50N Max
- 1.6 Unmating: 1st: 10.0N Min
30th: 8.0N Min
- 1.7 Operation Temperature:
-40°C~+85°C
- 1.8 Mechanical Durability: 30Cycles
- 1.9 Storage Temperature Range:
-40°C~+85°C

P0.30mm H0.50 50+2PIN RECP

P/N: 818053992

● Outline Dimensions

● Technology Parameters



Recommended PCB Layout
Dimension Tolerance ± 0.03

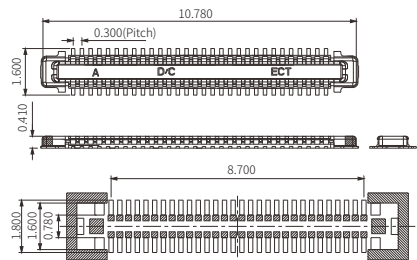
- 1.1 Voltage Rating: 60V AC/DC
- 1.2 Insulation Resistance:
Initial: 1000M Ω Min
After Test: 1000M Ω Min
- 1.3 Dielectric Withstanding Voltage:
250V AC/1Min
- 1.4 Contact Resistance:
Signal Pin: 50 m Ω Max
Power Pin: 15 m Ω Max
- 1.5 Mating Force: 1st: 50N Max
30th: 50N Max
- 1.6 Unmating: 1st: 10.0N Min
30th: 8.0N Min
- 1.7 Operation Temperature:
-40°C~+85°C
- 1.8 Mechanical Durability: 30Cycles
- 1.9 Storage Temperature Range:
-40°C~+85°C

P0.30mm H0.50 60+2PIN PLUG

P/N: 818053989

● Outline Dimensions

● Technology Parameters



Recommended PCB Layout
Dimension Tolerance ± 0.03

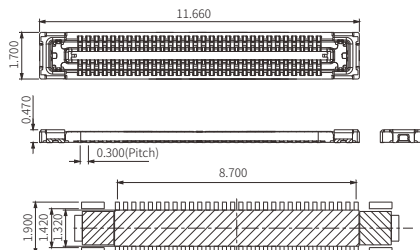
- 1.1 Voltage Rating: 60V AC/DC
- 1.2 Insulation Resistance:
Initial: 1000M Ω Min
After Test: 1000M Ω Min
- 1.3 Dielectric Withstanding Voltage:
250V AC/1Min
- 1.4 Contact Resistance:
Signal Pin: 50 m Ω Max
Power Pin: 15 m Ω Max
- 1.5 Mating Force: 1st: 50N Max
30th: 50N Max
- 1.6 Unmating: 1st: 10.0N Min
30th: 8.0N Min
- 1.7 Operation Temperature:
-40°C~+85°C
- 1.8 Mechanical Durability: 30Cycles
- 1.9 Storage Temperature Range:
-40°C~+85°C

P0.30mm H0.50 60+2PIN RECP

P/N: 818053990

● Outline Dimensions

● Technology Parameters



Recommended PCB Layout
Dimension Tolerance ± 0.03

- 1.1 Voltage Rating: 60V AC/DC
- 1.2 Insulation Resistance:
Initial: 1000M Ω Min
After Test: 1000M Ω Min
- 1.3 Dielectric Withstanding Voltage:
250V AC/1Min
- 1.4 Contact Resistance:
Signal Pin: 50 m Ω Max
Power Pin: 15 m Ω Max
- 1.5 Mating Force: 1st: 50N Max
30th: 50N Max
- 1.6 Unmating: 1st: 10.0N Min
30th: 8.0N Min
- 1.7 Operation Temperature:
-40°C~+85°C
- 1.8 Mechanical Durability: 30Cycles
- 1.9 Storage Temperature Range:
-40°C~+85°C

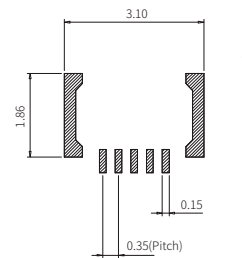
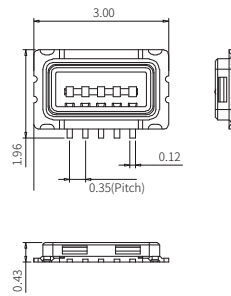
RF BTB Connector, Double Row, H 0.60, 5Pin Plug

P/N: 818011603

● Outline Dimensions

● PCB Layout

● Technology Parameters



2.1 Insertion Loss:
0.5-3GHz < 0.15dB
3-6GHz < 0.3dB
6-8.5GHz < 0.5dB
2.2 Isolation:
>35dB@3GHz
>30dB@6GHz
>25dB@8.5GHz

1.1 Voltage Rating:
10V AC/DC
1.2 Frequency Range:
DC 50MHZ-12GHZ
1.3 Insulation Resistance:
Initial 500MΩ Min
After Test 100MΩ Min
1.4 Dielectric Withstanding Voltage:
100V AC/60s
1.5 Contact Resistance:
Signal 50mΩ Max/Pin
GND 50mΩ Max/Pin
1.6 Mating Force:
1st 35N Max
30th 35N Min
1.7 Unmating:
1st 5N Min
30th 3N Min
1.8 Operation Temperature:
-40°C~+85°C
1.9 Storage Temperature Range:
-5°C~+40°C
2.0 Voltage Standing Wave Ratio:
1.3Max (DC0.5-3GHz)
1.4Max (3-6GHz)
1.5Max (6-8.5GHz)

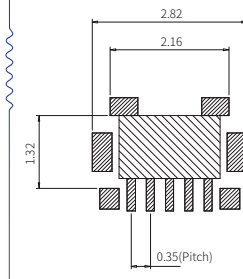
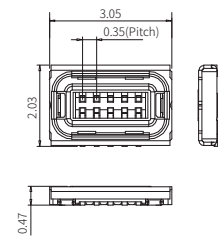
RF BTB Connector, Double Row, H 0.60, 5Pin Recep.

P/N: 818011604

● Outline Dimensions

● PCB Layout

● Technology Parameters



2.1 Insertion Loss:
0.5-3GHz < 0.15dB
3-6GHz < 0.3dB
6-8.5GHz < 0.5dB
2.2 Isolation:
>35dB@3GHz
>30dB@6GHz
>25dB@8.5GHz

1.1 Voltage Rating:
10V AC/DC
1.2 Frequency Range:
DC 50MHZ-12GHZ
1.3 Insulation Resistance:
Initial 500MΩ Min
After Test 100MΩ Min
1.4 Dielectric Withstanding Voltage:
100V AC/60s
1.5 Contact Resistance:
Signal 50mΩ Max/Pin
GND 50mΩ Max/Pin
1.6 Mating Force:
1st 35N Max
30th 35N Min
1.7 Unmating:
1st 5N Min
30th 3N Min
1.8 Operation Temperature:
-40°C~+85°C
1.9 Storage Temperature Range:
-5°C~+40°C
2.0 Voltage Standing Wave Ratio:
1.3Max (DC0.5-3GHz)
1.4Max (3-6GHz)
1.5Max (6-8.5GHz)

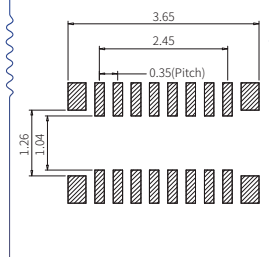
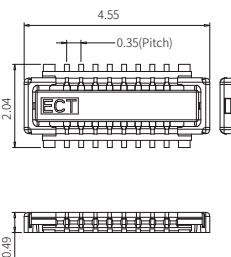
RF BTB Connector, Double Row, H 0.60, 16Pin Plug

P/N: 818011731

● Outline Dimensions

● PCB Layout

● Technology Parameters



2.1 Insertion Loss:
0.5-3GHz < 0.15dB
3-6GHz < 0.3dB
2.2 Isolation:
>35dB@3GHz
>25dB@8.5GHz

1.1 Voltage Rating:
10V AC/DC
1.2 Frequency Range:
DC 50MHZ-12GHZ
1.3 Insulation Resistance:
Initial 500MΩ Min
After Test 100MΩ Min
1.4 Dielectric Withstanding Voltage:
100V AC/60s
1.5 Contact Resistance:
Signal 50mΩ Max/Pin
GND: 50mΩ Max/Pin
1.6 Mating Force:
1st 35N Max
30th 35N Min
1.7 Unmating:
1st 8N Min
30th 7N Min
1.8 Operation Temperature:
-40°C~+85°C
1.9 Storage Temperature Range:
-5°C~+40°C
2.0 Voltage Standing Wave Ratio:
1.3Max (DC0.5-3GHz)
1.4Max (3-6GHz)

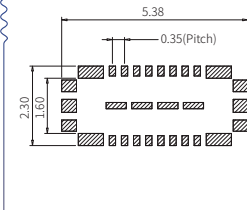
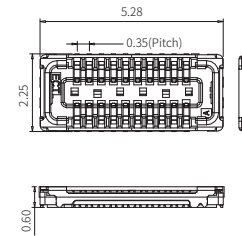
RF BTB Connector, Double Row, H 0.60, 16Pin Recep.

P/N: 818011732

● Outline Dimensions

● PCB Layout

● Technology Parameters



2.1 Insertion Loss:
0.5-3GHz < 0.15dB
3-6GHz < 0.3dB
2.2 Isolation:
>35dB@3GHz
>25dB@8.5GHz

1.1 Voltage Rating:
10V AC/DC
1.2 Frequency Range:
DC 50MHZ-12GHZ
1.3 Insulation Resistance:
Initial 500MΩ Min
After Test 100MΩ Min
1.4 Dielectric Withstanding Voltage:
100V AC / 60s
1.5 Contact Resistance:
Signal: 50mΩ Max/Pin
GND: 50mΩ Max/Pin
1.6 Mating Force:
1st 35N Max
30th 35N Min
1.7 Unmating:
1st 8N Min
30th 7N Min
1.8 Operation Temperature:
-40°C~+85°C
1.9 Storage Temperature Range:
-5°C~+40°C
2.0 Voltage Standing Wave Ratio:
1.3Max (DC0.5-3GHz)
1.4Max (3-6GHz)

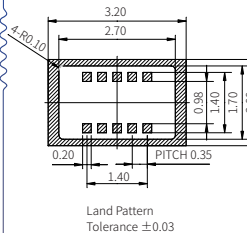
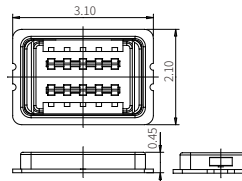
RF BTB Connector, P 0.35*H 0.60, 10Pin Plug

P/N: 818021366

● Outline Dimensions

● PCB Layout

● Technology Parameters



2.1 Insertion Loss:
0.5-3GHz < 0.15dB
3-6GHz < 0.3dB
2.2 Isolation:
>35dB@3GHz
>25dB@8.5GHz

1.1 Voltage Rating:
10V AC/DC
1.2 Frequency Range:
DC 50MHZ-12GHZ
1.3 Insulation Resistance:
Initial 500MΩ Min
After Test 100MΩ Min
1.4 Dielectric Withstanding Voltage:
100V AC/60s
1.5 Contact Resistance:
Signal: 50mΩ Max/Pin
GND: 50mΩ Max/Pin
1.6 Mating Force:
1st 30N Max
30th 30N Min
1.7 Unmating:
1st 5N Min
30th 3.5N Min
1.8 Operation Temperature:
-40°C~+85°C
1.9 Storage Temperature Range:
-5°C~+40°C
2.0 Voltage Standing Wave Ratio:
1.3Max (DC0.5-3GHz)
1.4Max (3-6GHz)

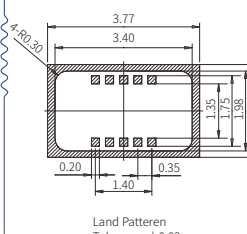
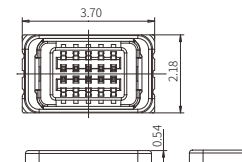
RF BTB Connector, P 0.35*H 0.60, 10Pin Recep.

P/N: 818021367

● Outline Dimensions

● PCB Layout

● Technology Parameters



2.1 Insertion Loss:
0.5-3GHz < 0.15dB
3-6GHz < 0.3dB
2.2 Isolation:
>35dB@3GHz
>25dB@8.5GHz

1.1 Voltage Rating:
10V AC/DC
1.2 Frequency Range:
DC 50MHZ-12GHZ
1.3 Insulation Resistance:
Initial 500MΩ Min
After Test 100MΩ Min
1.4 Dielectric Withstanding Voltage:
100V AC/60s
1.5 Contact Resistance:
Signal: 50mΩ Max/Pin
GND: 50mΩ Max/Pin
1.6 Mating Force:
1st 30N Max
30th 30N Min
1.7 Unmating:
1st 5N Min
30th 3.5N Min
1.8 Operation Temperature:
-40°C~+85°C
1.9 Storage Temperature Range:
-5°C~+40°C
2.0 Voltage Standing Wave Ratio:
1.3Max (DC0.5-3GHz)
1.4Max (3-6GHz)

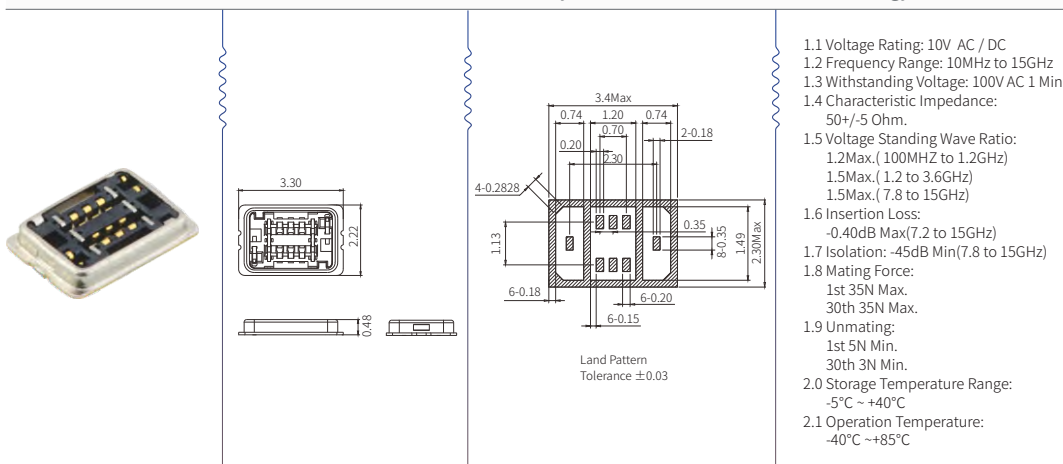
RF BTB Connector, Plug, P 0.35*H 0.70

P/N: 818019183

● Outline Dimensions

● PCB Layout

● Technology Parameters



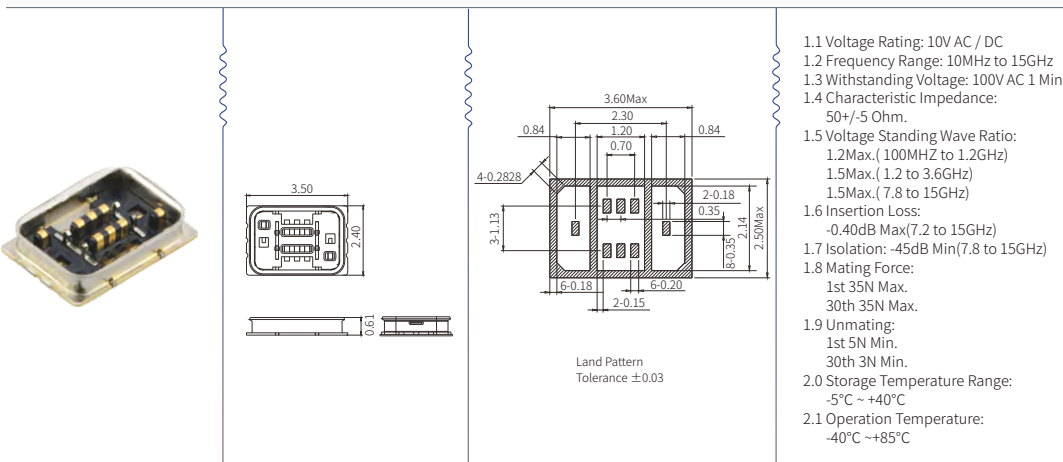
RF BTB Connector, Recep., P 0.35*H 0.70, Design Two

P/N: 818022986

● Outline Dimensions

● PCB Layout

● Technology Parameters



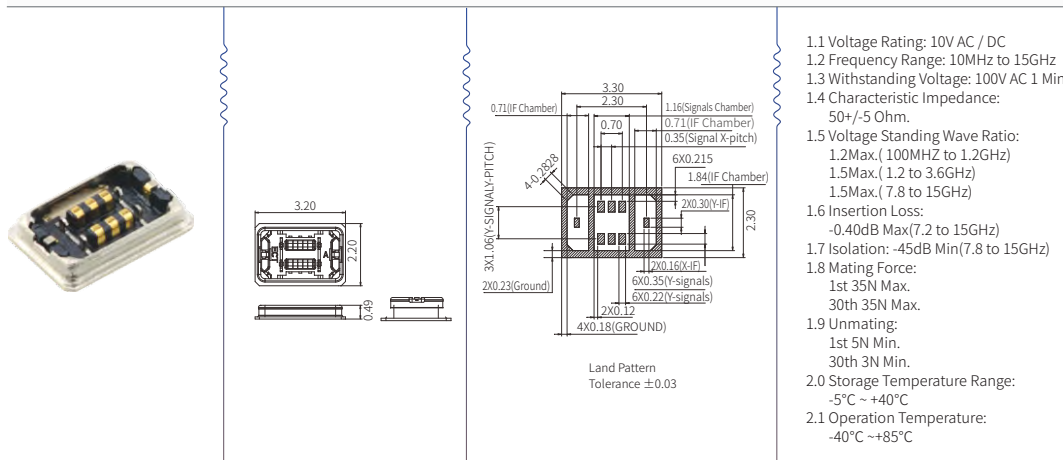
RF BTB Connector, Plug, P 0.35*H 0.60, 8P

P/N: 818030232

● Outline Dimensions

● PCB Layout

● Technology Parameters



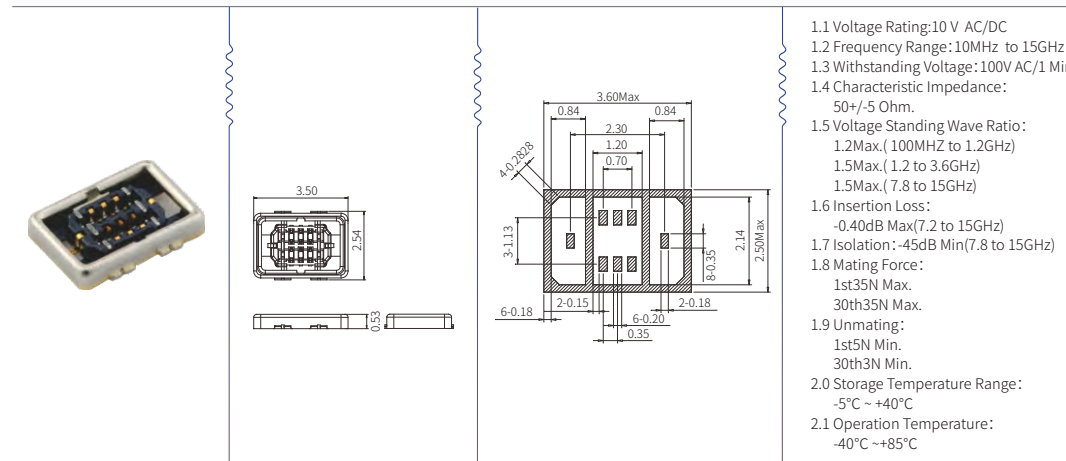
RF BTB Connector, Recep., P 0.35*H 0.60, 8P

P/N: 818030242

● Outline Dimensions

● PCB Layout

● Technology Parameters



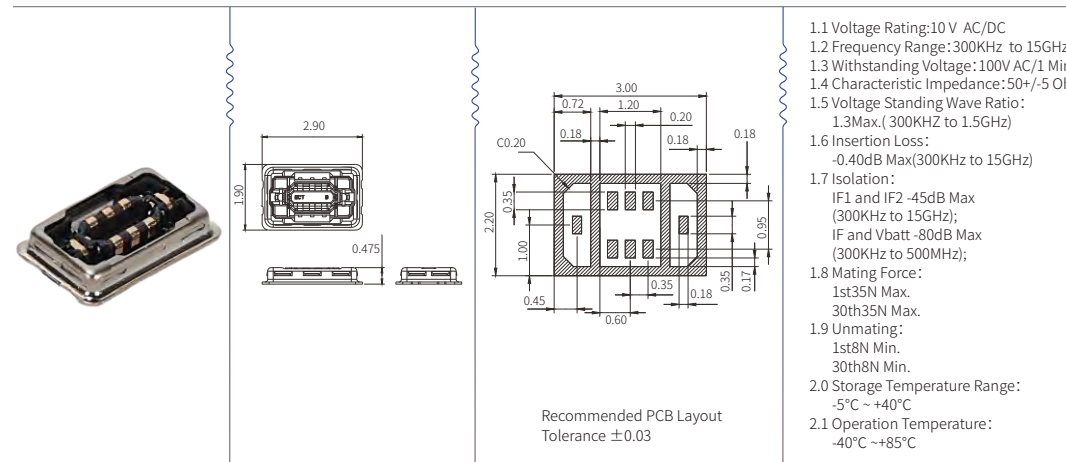
RF BTB P0.35 H0.60 8PIN GEN5 PLUG

P/N: 818028151

● Outline Dimensions

● PCB Layout

● Technology Parameters



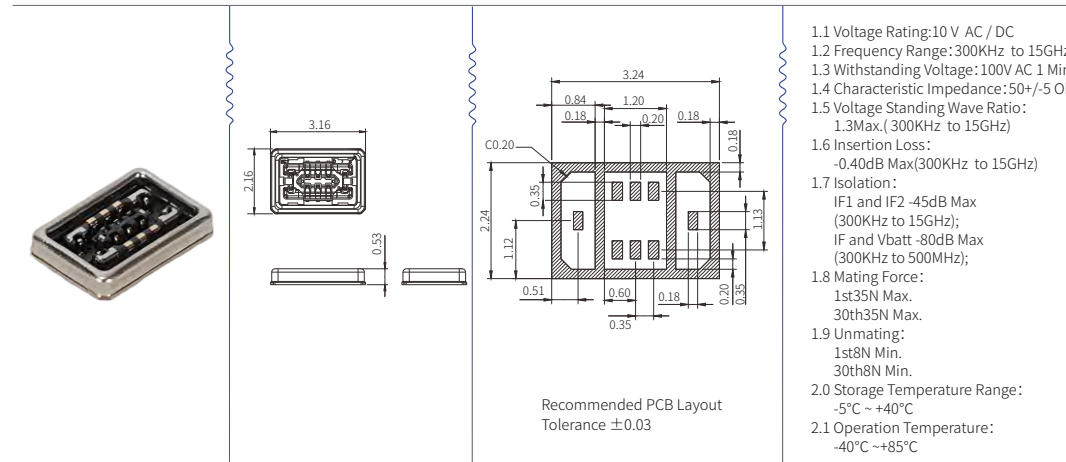
RF BTB P0.35 H0.60 8PIN GEN5 RECP

P/N: 818028161

● Outline Dimensions

● PCB Layout

● Technology Parameters



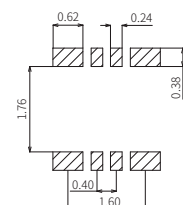
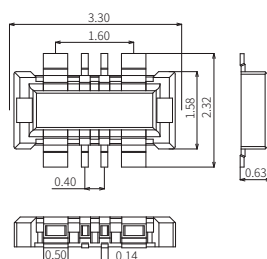
Battery BTB Connector, H 0.75, 8Pin Plug

P/N: 818003562

● Outline Dimensions

● PCB Layout

● Technology Parameters



- 1.1 Voltage Rating: 60V AC/DC
- 1.2 Rated Current:
Signal 0.3AMPS/Pin Max
Power 5AMPS/Pin Max
- 1.3 Insulation Resistance:
Initial 1000MΩ Min
After Test 1000MΩ Min
- 1.4 Dielectric Withstanding Voltage:
200V AC/1Min
- 1.5 Contact Resistance:
Signal 50mΩ Max/Pin
Power 10mΩ Max/Pin
- 1.6 Mating Force:
1st: 3.57Kg Max
- 1.7 Unmating:
30th: 3.57Kg Max
- 1.8 Operation Temperature:
-55°C ~ +85°C
- 1.9 Storage Temperature Range:
-55°C ~ +85°C

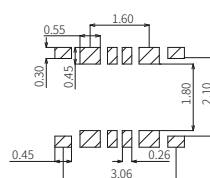
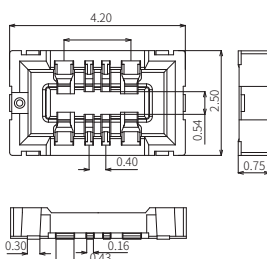
Battery BTB Connector, H 0.75, 8Pin Recep.

P/N: 818003563

● Outline Dimensions

● PCB Layout

● Technology Parameters



- 1.1 Voltage Rating: 60V AC/DC
- 1.2 Rated Current:
Signal 0.3AMPS/Pin Max
Power 5AMPS/Pin Max
- 1.3 Insulation Resistance:
Initial 1000MΩ Min
After Test 1000MΩ Min
- 1.4 Dielectric Withstanding Voltage:
200V AC/1Min
- 1.5 Contact Resistance:
Signal 50mΩ Max/Pin
Power 10mΩ Max/Pin
- 1.6 Mating Force:
1st: 0.5Kg Min
- 1.7 Unmating:
30th: 0.3Kg Min
- 1.8 Operation Temperature:
-55°C ~ +85°C
- 1.9 Storage Temperature Range:
-55°C ~ +85°C

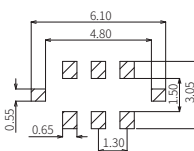
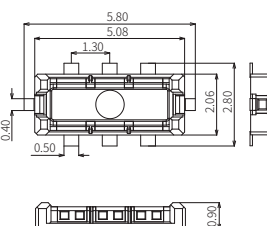
Battery BTB Connector, P 1.30 H 0.90, 6Pin Plug

P/N: 818003969

● Outline Dimensions

● PCB Layout

● Technology Parameters



- 1.1 Voltage Rating: 60V AC/DC
- 1.2 Rated Current:
Signal 1AMPS/Pin Max
Power 5AMPS/Pin Max
- 1.3 Insulation Resistance:
Initial 1000MΩ Min
After Test 1000MΩ Min
- 1.4 Dielectric Withstanding Voltage:
500V AC/1Min
- 1.5 Contact Resistance:
Signal 20mΩ Max/Pin
Power 20mΩ Max/Pin
- 1.6 Mating Force:
1st 40N Max
10th 40N Max
- 1.7 Unmating:
1st 8N Min
10th 5N Min
- 1.8 Operation Temperature:
-55°C ~ +85°C
- 1.9 Storage Temperature Range:
-55°C ~ +85°C

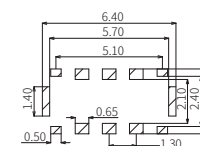
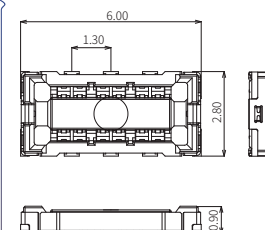
Battery BTB Connector, P 1.30 H 0.90, 6Pin Recep.

P/N: 818003968

● Outline Dimensions

● PCB Layout

● Technology Parameters



- 1.1 Voltage Rating: 60V AC/DC
- 1.2 Rated Current:
Signal 1AMPS/Pin Max
Power 5AMPS/Pin Max
- 1.3 Insulation Resistance:
Initial 1000MΩ Min
After Test 1000MΩ Min
- 1.4 Dielectric Withstanding Voltage:
500V AC/1Min
- 1.5 Contact Resistance:
Signal 20mΩ Max/Pin
Power 20mΩ Max/Pin
- 1.6 Mating Force:
1st 40N Max
10th 40N Max
- 1.7 Unmating:
1st 8N Min
10th 5N Min
- 1.8 Operation Temperature:
-55°C ~ +85°C
- 1.9 Storage Temperature Range:
-55°C ~ +85°C

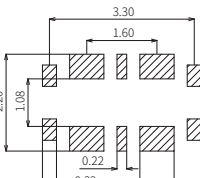
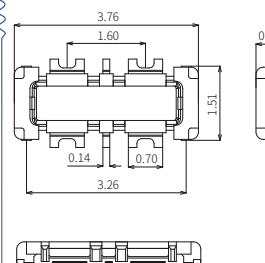
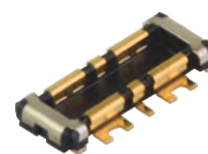
Battery BTB Connector, H 0.60, 6Pin Plug

P/N: 818011189

● Outline Dimensions

● PCB Layout

● Technology Parameters



- 1.1 Voltage Rating: 30V AC/DC
- 1.2 Rated Current:
Signal 0.3AMPS/Pin Max
Power 5AMPS/Pin Max
- 1.3 Insulation Resistance:
Initial 1000MΩ Min
After Test 1000MΩ Min
- 1.4 Dielectric Withstanding Voltage:
200V AC/1Min
- 1.5 Contact Resistance:
Signal 90mΩ Max/Pin
Power 20mΩ Max/Pin
- 1.6 Mating Force:
1st 40N Max
30th 40N Max
- 1.7 Unmating:
1st 7N Min
30th 5N Min
- 1.8 Operation Temperature:
-55°C ~ +85°C
- 1.9 Storage Temperature Range:
-55°C ~ +85°C

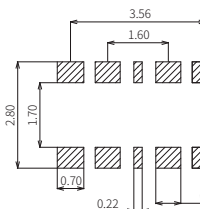
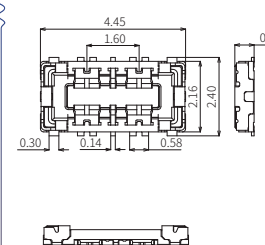
Battery BTB Connector, H 0.60, 6Pin Recep.

P/N: 818013470

● Outline Dimensions

● PCB Layout

● Technology Parameters



- 1.1 Voltage Rating: 30V AC/DC
- 1.2 Rated Current:
Signal 0.3AMPS/Pin Max
Power 5AMPS/Pin Max
- 1.3 Insulation Resistance:
Initial 1000MΩ Min
After Test 1000MΩ Min
- 1.4 Dielectric Withstanding Voltage:
200V AC/1Min
- 1.5 Contact Resistance:
Signal 90mΩ Max/Pin
Power 20mΩ Max/Pin
- 1.6 Mating Force:
1st 40N Max
30th 40N Max
- 1.7 Unmating:
1st 7N Min
30th 5N Min
- 1.8 Operation Temperature:
-55°C ~ +85°C
- 1.9 Storage Temperature Range:
-55°C ~ +85°C

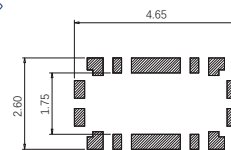
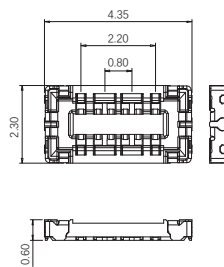
Battery BTB Connector, Double Row, H 0.60, 6Pin Recep.

P/N: 818018136

● Outline Dimensions

● PCB Layout

● Technology Parameters



- 1.1 Voltage Rating: 20V AC/DC
- 1.2 Rated Current:
Signal 1AMPS/Pin Max
Power 10AMPS/Pin Max
- 1.3 Insulation Resistance:
Initial 1000MΩ Min
After Test 1000MΩ Min
- 1.4 Dielectric Withstanding Voltage:
200V AC/1Min
- 1.5 Contact Resistance:
Signal 30mΩ Max/Pin
Power 5mΩ Max/Pin
- 1.6 Mating Force:
1st 50N Max
30th 50N Max
- 1.7 Unmating:
1st 8N Min
30th 5N Min
- 1.8 Operation Temperature:
-40°C ~ +85°C
- 1.9 Storage Temperature Range:
-5°C ~ +40°C

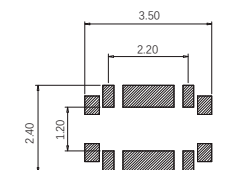
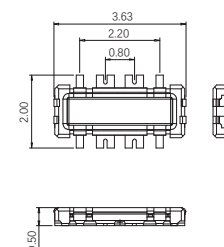
Battery BTB Connector, Double Row, H 0.60, 6Pin Plug

P/N:818018137

● Outline Dimensions

● PCB Layout

● Technology Parameters



- 1.1 Voltage Rating: 20V AC/DC
- 1.2 Rated Current:
Signal 1AMPS/Pin Max
Power 10AMPS/Pin Max
- 1.3 Insulation Resistance:
Initial 1000MΩ Min
After Test 1000MΩ Min
- 1.4 Dielectric Withstanding Voltage:
200V AC/1Min
- 1.5 Contact Resistance:
Signal 30mΩ Max/Pin
Power 5mΩ Max/Pin
- 1.6 Mating Force:
1st 50N Max
30th 50N Max
- 1.7 Unmating:
1st 8N Min
30th 5N Min
- 1.8 Operation Temperature:
-40°C ~ +85°C
- 1.9 Storage Temperature Range:
-5°C ~ +40°C

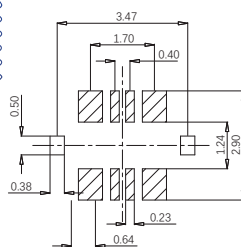
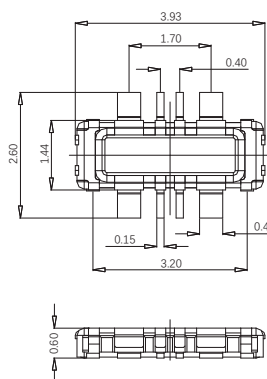
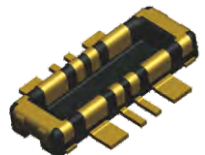
Battery BTB Connector, H 0.70, 8Pin Plug

P/N: 818021443

● Outline Dimensions

● PCB Layout

● Technology Parameters



- 1.1 Voltage Rating: 30V AC/DC
- 1.2 Rated Current:
Signal: Contact 1A
Power: Contact 10A
- 1.3 Insulation Resistance:
Initial 1000MΩ Min
After Test 1000MΩ Min
- 1.4 Dielectric Withstanding Voltage:
500V AC/1Min
- 1.5 Contact Resistance:
Signal 30mΩ Max Pin
Power 5mΩ Max Pin
- 1.6 Mating Force:
1st 40N Max
30th 40N Max
- 1.7 Unmating:
1st 8N Min
30th 8N Min
- 1.8 Operation Temperature:
-55°C ~ +85°C
- 1.9 Storage Temperature Range:
-55°C ~ +85°C

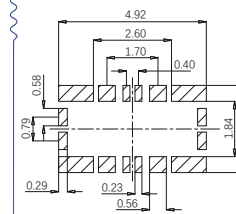
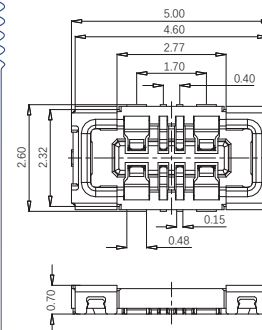
Battery BTB Connector, H 0.70, 8Pin Recep.

P/N: 818021442

● Outline Dimensions

● PCB Layout

● Technology Parameters



- 1.1 Voltage Rating: 30V AC/DC
- 1.2 Rated Current:
Signal: Contact 1A
Power: Contact 10A
- 1.3 Insulation Resistance:
Initial 1000MΩ Min
After Test 1000MΩ Min
- 1.4 Dielectric Withstanding Voltage:
500V AC/1Min
- 1.5 Contact Resistance:
Signal 30mΩ Max Pin
Power 5mΩ Max Pin
- 1.6 Mating Force:
10th 4kgf Max
- 1.7 Unmating:
1st 8N Min
30th 8N Min
- 1.8 Operation Temperature:
-55°C ~ +85°C
- 1.9 Storage Temperature Range:
-55°C ~ +85°C

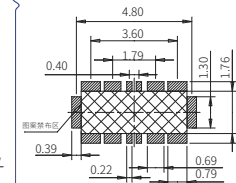
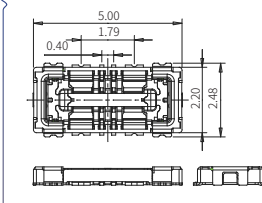
Battery BTB Connector, H 0.70, 8P, 15A, Recep.

P/N:818022004

● Outline Dimensions

● PCB Layout

● Technology Parameters



Recommended PCB Layout
Dimensional Tolerance: ±0.03

- 1.1 Voltage Rating: 60V AC/DC
- 1.2 Rated Current:
Signal Pin: 0.3A/Pin
Power Pin: 15A/Pin
- 1.3 Insulation Resistance:
Initial: 1000MΩ Min
After Test: 1000MΩ Min
- 1.4 Dielectric Withstanding Voltage:
500V AC/1Min
- 1.5 Contact Resistance:
Signal Pin: 50 mΩ Max
Power Pin: 2 mΩ Max
- 1.6 Mating Force:
1st: 40N Max
30th: 40N Max
- 1.7 Unmating:
1st: 10N Min
30th: 10N Min
- 1.8 Operation Temperature:
-40°C ~ +85°C
- 1.9 Mechanical Durability: 30Cycles
- 2.0 Storage Temperature Range:
-10°C ~ +35°C

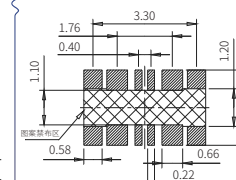
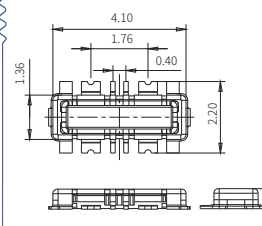
Battery BTB Connector, H 0.70, 8P, 15A, Plug

P/N:818022003

● Outline Dimensions

● PCB Layout

● Technology Parameters



Recommended PCB Layout
Dimensional Tolerance: ±0.03

- 1.1 Voltage Rating: 60V AC/DC
- 1.2 Rated Current:
Signal Pin: 0.3A/Pin
Power Pin: 15A/Pin
- 1.3 Insulation Resistance:
Initial: 1000MΩ Min
After Test: 1000MΩ Min
- 1.4 Dielectric Withstanding Voltage:
500V AC/1Min
- 1.5 Contact Resistance:
Signal Pin: 50 mΩ Max
Power Pin: 2 mΩ Max
- 1.6 Mating Force:
1st: 40N Max
30th: 40N Max
- 1.7 Unmating:
1st: 10N Min
30th: 10N Min
- 1.8 Operation Temperature:
-40°C ~ +85°C
- 1.9 Mechanical Durability: 30Cycles
- 2.0 Storage Temperature Range:
-10°C ~ +35°C

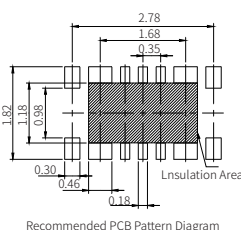
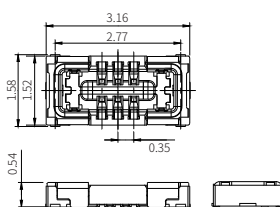
Battery BTB Connector, P0.35 H0.6 6+2P 3A Recep

P/N: 818033078

● Outline Dimensions

● PCB Layout

● Technology Parameters



- 1.1 Voltage Rating: 60V AC/DC
- 1.2 Rated Current:
Signal Pin: 0.3A/Pin
Power Pin: 3A/Pin
- 1.3 Insulation Resistance:
Initial: 1000MΩ Min
After Test: 1000MΩ Min
- 1.4 Dielectric Withstanding Voltage:
250V AC/1Min
- 1.5 Contact Resistance:
Signal Pin: Initial 50 mΩ Max
Power Pin: Initial 15 mΩ Max
- 1.6 Mating Force:
1st: 48N Max
30th: 48N Max
- 1.7 Unmating:
1st: 2.4N Min
30th: 2N Min
- 1.8 Operation Temperature:
-40°C ~ +85°C
- 1.9 Mechanical Durability: 30Cycles
- 2.0 Storage Temperature Range:
-10°C ~ +35°C

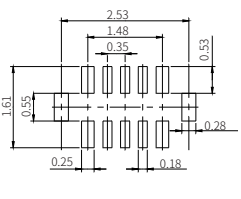
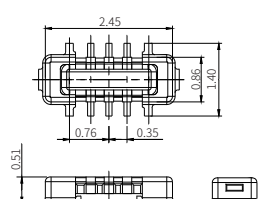
Battery BTB Connector, P0.35 H0.6 6+2P 3A Plug

P/N: 818033079

● Outline Dimensions

● PCB Layout

● Technology Parameters



- 1.1 Voltage Rating: 60V AC/DC
- 1.2 Rated Current:
Signal Pin: 0.3A/Pin
Power Pin: 3A/Pin
- 1.3 Insulation Resistance:
Initial: 1000MΩ Min
After Test: 1000MΩ Min
- 1.4 Dielectric Withstanding Voltage:
250V AC/1Min
- 1.5 Contact Resistance:
Signal Pin: Initial 50 mΩ Max
Power Pin: Initial 15 mΩ Max
- 1.6 Mating Force:
1st: 48N Max
30th: 48N Max
- 1.7 Unmating:
1st: 2.4N Min
30th: 2N Min
- 1.8 Operation Temperature:
-40°C ~ +85°C
- 1.9 Mechanical Durability: 30Cycles
- 2.0 Storage Temperature Range:
-10°C ~ +35°C

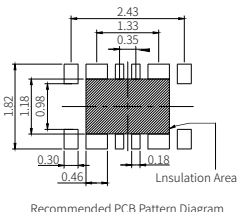
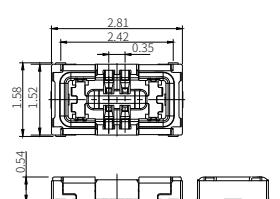
Battery BTB Connector, P0.35 H0.6 4+2P 3A Recep

P/N: 818032526

● Outline Dimensions

● PCB Layout

● Technology Parameters



- 1.1 Voltage Rating: 60V AC/DC
- 1.2 Rated Current:
Signal Pin: 0.3A/Pin
Power Pin: 3A/Pin
- 1.3 Insulation Resistance:
Initial: 1000MΩ Min
After Test: 1000MΩ Min
- 1.4 Dielectric Withstanding Voltage:
250V AC/1Min
- 1.5 Contact Resistance:
Signal Pin: Initial 50 mΩ Max
Power Pin: Initial 15 mΩ Max
- 1.6 Mating Force:
1st: 48N Max
30th: 48N Max
- 1.7 Unmating:
1st: 1.8N Min
30th: 1.5N Min
- 1.8 Operation Temperature:
-40°C ~ +85°C
- 1.9 Mechanical Durability: 30Cycles
- 2.0 Storage Temperature Range:
-10°C ~ +35°C

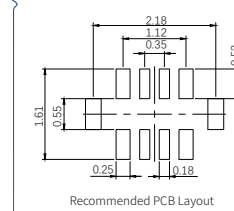
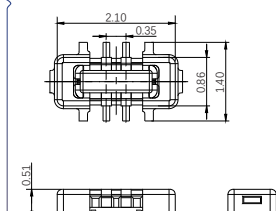
Battery BTB Connector, P0.35 H0.6 4+2P 3A Plug

P/N: 818032527

● Outline Dimensions

● PCB Layout

● Technology Parameters



- 1.1 Voltage Rating: 60V AC/DC
- 1.2 Rated Current:
Signal Pin: 0.3A/Pin
Power Pin: 3A/Pin
- 1.3 Insulation Resistance:
Initial: 1000MΩ Min
After Test: 1000MΩ Min
- 1.4 Dielectric Withstanding Voltage:
250V AC/1Min
- 1.5 Contact Resistance:
Signal Pin: Initial 50 mΩ Max
Power Pin: Initial 15 mΩ Max
- 1.6 Mating Force:
1st: 48N Max
30th: 48N Max
- 1.7 Unmating:
1st: 1.8N Min
30th: 1.5N Min
- 1.8 Operation Temperature:
-40°C ~ +85°C
- 1.9 Mechanical Durability: 30Cycles
- 2.0 Storage Temperature Range:
-10°C ~ +35°C

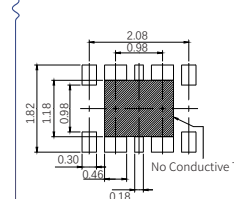
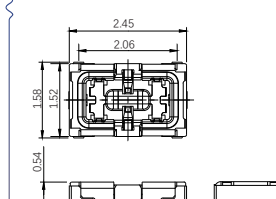
Battery BTB Connector, P0.35 H0.6 2+2P 3A Recep

P/N: 818039090

● Outline Dimensions

● PCB Layout

● Technology Parameters



- 1.1 Voltage Rating: 60V AC/DC
- 1.2 Rated Current:
Signal Pin: 0.3A/Pin
Power Pin: 3A/Pin
- 1.3 Insulation Resistance:
Initial: 1000MΩ Min
After Test: 1000MΩ Min
- 1.4 Dielectric Withstanding Voltage:
250V AC/1Min
- 1.5 Contact Resistance:
Signal Pin: Initial 50 mΩ Max
Power Pin: Initial 15 mΩ Max
- 1.6 Mating Force:
1st: 48N Max
30th: 48N Max
- 1.7 Unmating:
1st: 1.2N Min
30th: 1N Min
- 1.8 Operation Temperature:
-40°C ~ +85°C
- 1.9 Mechanical Durability: 30Cycles
- 2.0 Storage Temperature Range:
-10°C ~ +35°C

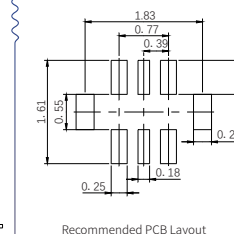
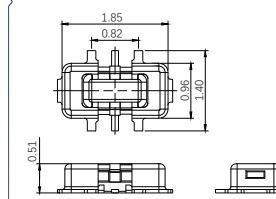
Battery BTB Connector, P0.35 H0.6 2+2P 3A Plug

P/N: 818039091

● Outline Dimensions

● PCB Layout

● Technology Parameters



- 1.1 Voltage Rating: 60V AC/DC
- 1.2 Rated Current:
Signal Pin: 0.3A/Pin
Power Pin: 3A/Pin
- 1.3 Insulation Resistance:
Initial: 1000MΩ Min
After Test: 1000MΩ Min
- 1.4 Dielectric Withstanding Voltage:
250V AC/1Min
- 1.5 Contact Resistance:
Signal Pin: Initial 50 mΩ Max
Power Pin: Initial 15 mΩ Max
- 1.6 Mating Force:
1st: 48N Max
30th: 48N Max
- 1.7 Unmating:
1st: 2.4N Min
30th: 2N Min
- 1.8 Operation Temperature:
-40°C ~ +85°C
- 1.9 Mechanical Durability: 30Cycles
- 2.0 Storage Temperature Range:
-10°C ~ +35°C

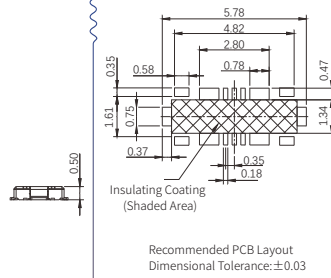
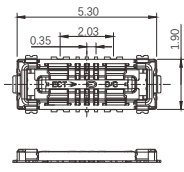
Battery BTB P0.35 H0.50 10PIN 15A RECP

P/N: 818053326

- Outline Dimensions

- PCB Layout

- Technology Parameters



- 1.1 Voltage Rating: 60V AC/DC
- 1.2 Rated Current:
Signal Pin: 0.3A/Pin
Power Pin: 15A/Pin
- 1.3 Insulation Resistance:
Initial: 1000MΩ Min
After Test: 1000MΩ Min
- 1.4 Dielectric Withstanding Voltage:
250V AC/1Min
- 1.5 Contact Resistance:
Signal Pin: Initial 50 mΩ Max
Power Pin: Initial 20 mΩ Max
- 1.6 Mating Force:
1st: 40N Max
30th: 40N Max
- 1.7 Unmating:
1st: 8N Min
30th: 5N Min
- 1.8 Operation Temperature:
-40°C ~ +85°C
- 1.9 Mechanical Durability: 30Cycles
- 2.0 Storage Temperature Range:
-10°C ~ +35°C

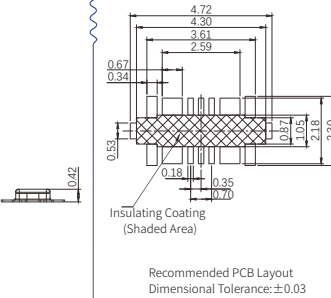
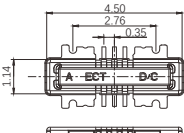
Battery BTB P0.35 H0.50 10PIN 15A PLUG

P/N:818053327

- Outline Dimensions

- PCB Layout

- Technology Parameters



- 1.1 Voltage Rating: 60V AC/DC
- 1.2 Rated Current:
Signal Pin: 0.3A/Pin
Power Pin: 15A/Pin
- 1.3 Insulation Resistance:
Initial: 1000MΩ Min
After Test: 1000MΩ Min
- 1.4 Dielectric Withstanding Voltage:
250V AC/1Min
- 1.5 Contact Resistance:
Signal Pin: Initial 50 mΩ Max
Power Pin: Initial 20 mΩ Max
- 1.6 Mating Force:
1st: 40N Max
30th: 40N Max
- 1.7 Unmating:
1st: 8N Min
30th: 5N Min
- 1.8 Operation Temperature:
-40°C ~ +85°C
- 1.9 Mechanical Durability: 30Cycles
- 2.0 Storage Temperature Range:
-10°C ~ +35°C

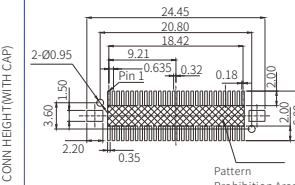
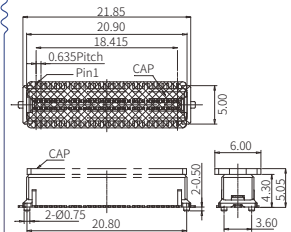
Floating BTB Connector, P 0.635*H 4.30, 60Pin, Recep.

P/N: 818022026

- Outline Dimensions

- PCB Layout

- Technology Parameters



- 1.1 Rated Voltage(Max):
100V AC/DC
- 1.2 Rated Current(Max):
0.5A/Pin Max
- 1.3 Insulation Resistance:
1000MΩ Min
- 1.4 Dielectric Withstanding Voltage:
250V AC 1min
- 1.5 Initial Contact Resistance:
40mΩ Max
- 1.6 Final Contact Resistance:
60mΩ Max
- 1.7 Temperature Rise: $\Delta 30^{\circ}\text{C}$ Max
- 1.8 Mating Force:
0.70N/Pin Max,Initial and Final
- 1.9 Unmating:
0.10N/Pin Min,Initial and Final
- 2.0 Mechanical Durability: 50Cycles
- 2.1 Operation Temperature:
 $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- 2.2 Operating Humidity:
85% Max RH
- 2.3 Storage Temperature Range: -
 $10^{\circ}\text{C} \sim +50^{\circ}\text{C}$

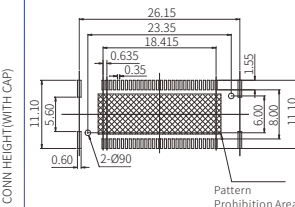
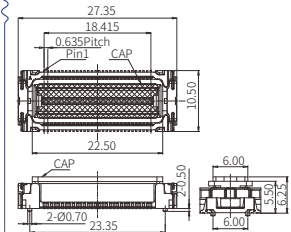
Floating BTB Connector, P 0.635*H 5.50, 60Pin, Plug

P/N: 818022027

- Outline Dimensions

- PCB Layout

- Technology Parameters



- 1.1 Rated Voltage(Max):
100V AC/DC
- 1.2 Rated Current(Max):
0.5A/Pin Max
- 1.3 Insulation Resistance:
1000MΩ Min
- 1.4 Dielectric Withstanding Voltage:
250V AC 1min
- 1.5 Initial Contact Resistance:
40mΩ Max
- 1.6 Final Contact Resistance:
60mΩ Max
- 1.7 Temperature Rise: $\Delta 30^{\circ}\text{C}$ Max
- 1.8 Mating Force:
0.70N/Pin Max.Initial and Final
- 1.9 Unmating:
0.10N/Pin Min.Initial and Final
- 2.0 Mechanical Durability: 50Cycles
- 2.1 Operation Temperature:
 $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- 2.2 Operating Humidity:
85% Max RH
- 2.3 Storage Temperature Range:
 $-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$

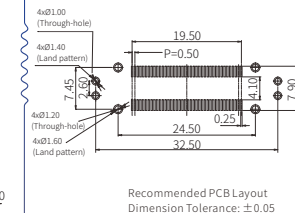
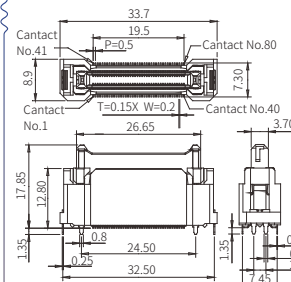
Floating BTB Connector, P 0.5*H 17.85, 80Pin, Plug

P/N: 818032889

- Outline Dimensions

- PCB Layout

- Technology Parameters



2.0 Mechanical Durability: 100Cycles
2.1 Operation Temperature:
-55°C~+105°C
2.2 Operating Humidity:
85% Max RH
2.3 Storage Temperature Range:
-10 °C ~ + 50 °C

- 1.1 Rated Voltage(Max):
Signal Pin: 50V AC/DC
Power Pin: 200V AC/DC
- 1.2 Rated Current(Max):
Signal Pin: 0.5A/Pin Max
Power Pin: 3A/Pin Max
- 1.3 Insulation Resistance:
Signal Pin: 100MQ Min
Power Pin: 1000MQ Min
- 1.4 Dielectric Withstanding Voltage:
Signal Pin: 150V AC 1min
Power Pin: 500V AC 1min
- 1.5 Initial Contact Resistance:
40mQ Max
- 1.6 Final Contact Resistance:
60mQ Max
- 1.7 Temperature Rise: $\Delta 30^{\circ}\text{C}$ Max
- 1.8 Mating Force:
0.70N/Pin Max. Initial and Final
- 1.9 Unmating:
0.10N/Pin Min. Initial and Final

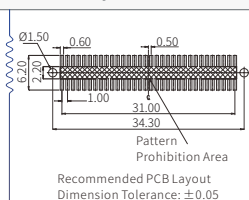
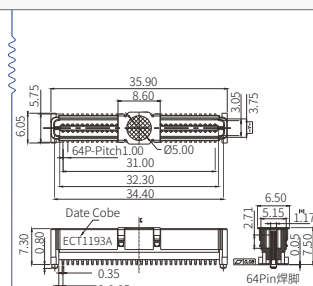
High Speed BTB, P 1.00mm*H 11.60, 64Pin Plug (Non-floating)

P/N: 818023745

- Outline Dimensions

- PCB Layout

- Technology Parameters



- 1.1 Rated Voltage(Max):
Signal Pin 50V AC/DC
- 1.2 Rated Current(Max):
Signal Pin 0.5A/Pin Max.
- 1.3 Insulation Resistance:
Signal Pin 100MΩ Min.
- 1.4 Dielectric Withstanding Voltage:
Signal Pin 250V AC 1min
- 1.5 Initial Contact Resistance: 50mΩ Max.
- 1.6 Final Contact Resistance: 80mΩ Max.
- 1.7 Temperature Rise: $\Delta 30^{\circ}\text{C}$ Max.
- 1.8 Mating Force:
1.0N/Pin Max. Initial and Final
- 1.9 Unmating:
0.10N/Pin Min. Initial and Final
- 2.0 Mechanical Durability: 50 Cycles

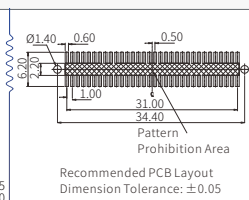
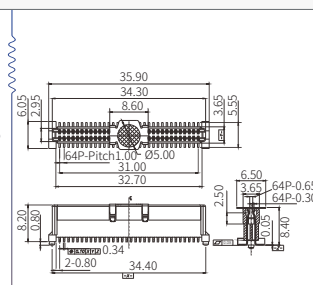
High Speed BTB, P 1.00mm*H 11.60, 64Pin Recep. (Non-floating)

P/N: 818023746

- Outline Dimensions

- PCB Layout

- Technology Parameters



- 1.1 Rated Voltage(Max):
Signal Pin 50V AC/DC
- 1.2 Rated Current(Max):
Signal Pin 0.5A/Pin Max.
- 1.3 Insulation Resistance:
Signal Pin 100MΩ Min.
- 1.4 Dielectric Withstanding Voltage:
Signal Pin 250V AC 1min
- 1.5 Initial Contact Resistance: 50mΩ Max.
- 1.6 Final Contact Resistance: 80mΩ Max.
- 1.7 Temperature Rise: $\Delta 30^{\circ}\text{C}$ Max.
- 1.8 Mating Force:
1.0N/Pin Max. Initial and Final
- 1.9 Unmating:
0.10N/Pin Min. Initial and Final
- 2.0 Mechanical Durability: 50 Cycles

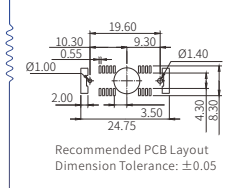
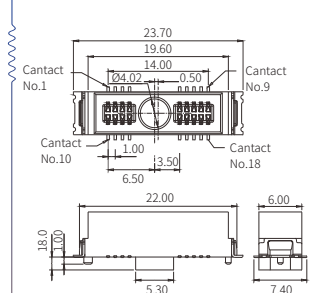
High Speed BTB, P 1.0mm*H 8.1mm, 18Pin Plug

P/N: 818028832

- Outline Dimensions

- PCB Layout

- Technology Parameters



- 1.1 Rated Voltage(Max):
Signal Pin 60V AC/DC
- 1.2 Rated Current(Max):
Signal Pin 0.5A/Pin Max.
- 1.3 Insulation Resistance:
Signal Pin 100MΩ Min.
- 1.4 Dielectric Withstanding Voltage:
Signal Pin 150V AC 1min
- 1.5 Initial Contact Resistance: 50mΩ Max.
- 1.6 Final Contact Resistance: 80mΩ Max.
- 1.7 Temperature Rise: $\Delta 30^{\circ}\text{C}$ Max.
- 1.8 Mating Force:
0.70N/Pin Max. Initial and Final
- 1.9 Unmating:
0.10N/Pin Min. Initial and Final
- 2.0 Mechanical Durability: 50 Cycles

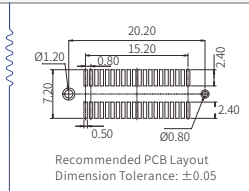
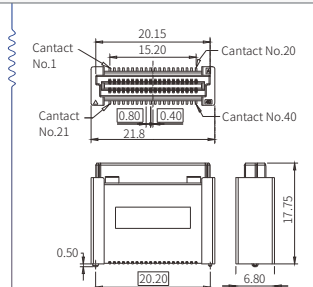
High Speed BTB, P 0.8mm*H 20.0mm, 40Pin Recep.

P/N: 818030926

- Outline Dimensions

- PCB Layout

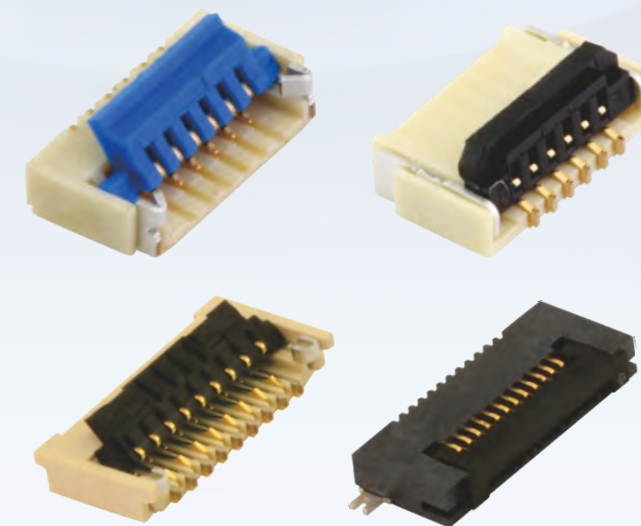
- Technology Parameters



- 1.1 Rated Voltage(Max):
Signal Pin 50V AC/DC
- 1.2 Rated Current(Max):
Signal Pin 0.5A/Pin Max.
- 1.3 Insulation Resistance:
Signal Pin 100MΩ Min.
- 1.4 Dielectric Withstanding Voltage:
Signal Pin 150V AC 1min
- 1.5 Initial Contact Resistance: 50mΩ Max.
- 1.6 Final Contact Resistance: 80mΩ Max.
- 1.7 Temperature Rise: $\Delta 30^{\circ}\text{C}$ Max.
- 1.8 Mating Force:
0.70N/Pin Max. Initial and Final
- 1.9 Unmating:
0.10N/Pin Min. Initial and Final
- 2.0 Mechanical Durability: 100 Cycles

FPC Series

05.1 General FPC Connector



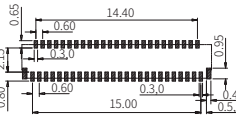
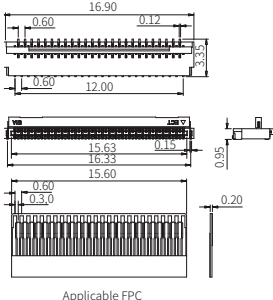
FPC, Pitch 0.3, H 0.9, Back Lock Connector

P/N: 818016974

● Outline Dimensions

● PCB Layout

● Technology Parameters



Applicable FPC

1.1 Operating Voltage: AC 50V
1.2 Current Carrying Capacity: 0.2A
1.3 Insulation Resistance: 50MΩ Min
1.4 Dielectric Withstanding Voltage: 100V AC/1Min
1.5 Initial Contact Resistance: 50mΩ Max
1.6 Final Contact Resistance: 100mΩ Max
1.7 Retention Force: 0.2N/Pin Min
1.8 Operation Temperature: -55°C ~ +85°C
1.9 Storage Temperature Range: -10°C ~ +50°C

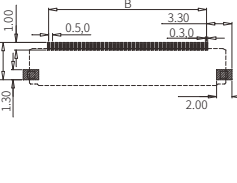
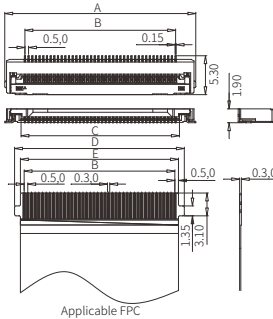
FPC, Pitch 0.5, H 1.9, Front Lock Connector

P/N: 818015824

● Outline Dimensions

● PCB Layout

● Technology Parameters



料号	Pin数	A	B	C	D	E
818003185	42	26.00	20.50	21.54	23.10	21.00
818001566	60	35.00	29.50	30.5.3	32.10	30.50

Applicable FPC

1.1 Operating Voltage: AC 60V
1.2 Current Carrying Capacity: 0.5A
1.3 Insulation Resistance: 500MΩ Min
1.4 Dielectric Withstanding Voltage: 500V AC/1Min
1.5 Initial Contact Resistance: 50mΩ Max
1.6 Final Contact Resistance: 100mΩ Max
1.7 Temperature Rise: Δ30°C Max
1.8 Retention Force: 0.2N/Pin Min
1.9 Operation Temperature: -55°C ~ +85°C
2.0 Storage Temperature Range: -10°C ~ +50°C

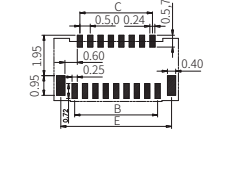
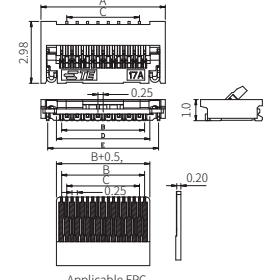
FPC, Pitch 0.25, H 1.0, Front Lock Connector

P/N: 818011849

● Outline Dimensions

● PCB Layout

● Technology Parameters



料号	Pin数	A	B	C	D	E
818011849	17	6.00	4.00	3.50	4.5	5.34
818013415	61	17.00	15.00	14.50	15.50	16.34

Applicable FPC

1.1 Operating Voltage: AC 50V
1.2 Current Carrying Capacity: 0.2A
1.3 Insulation Resistance: 50MΩ Min
1.4 Dielectric Withstanding Voltage: 200V AC/1Min
1.5 Initial Contact Resistance: 50mΩ Max
1.6 Final Contact Resistance: 100mΩ Max
1.7 Retention Force: 0.20N/Pin Min
1.8 Operation Temperature: -55°C ~ +85°C
1.9 Storage Temperature Range: -10°C ~ +50°C

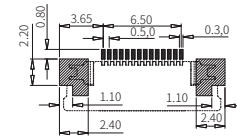
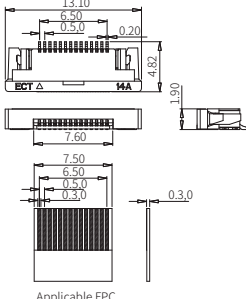
FPC, Pitch 0.5, H 1.9, Front Lock Connector

P/N: 818016973

● Outline Dimensions

● PCB Layout

● Technology Parameters



Applicable FPC

1.1 Operating Voltage: AC 50V
1.2 Current Carrying Capacity: 0.4A
1.3 Insulation Resistance: 500MΩ Min
1.4 Dielectric Withstanding Voltage: 250V AC/1Min
1.5 Initial Contact Resistance: 50mΩ Max
1.6 Final Contact Resistance: 100mΩ Max
1.7 Temperature Rise: Δ30°C Max
1.8 Retention Force: 0.2N/Pin Min
1.9 Operation Temperature: -55°C ~ +85°C
2.0 Storage Temperature Range: -10°C ~ +50°C

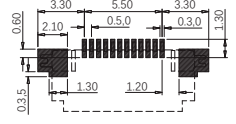
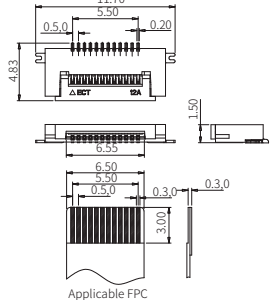
FPC, Pitch 0.5, H 1.5, Front Lock Connector

P/N: 818017211

● Outline Dimensions

● PCB Layout

● Technology Parameters



Applicable FPC

1.1 Operating Voltage: AC 50V
1.2 Current Carrying Capacity: 0.4A
1.3 Insulation Resistance: 100MΩ Min
1.4 Dielectric Withstanding Voltage: 200V AC/1Min
1.5 Initial Contact Resistance: 50mΩ Max
1.6 Final Contact Resistance: 100mΩ Max
1.7 Temperature Rise: Δ30°C Max
1.8 Retention Force: 0.2N/Pin Min
1.9 Operation Temperature: -55°C ~ +85°C
2.0 Storage Temperature Range: -10°C ~ +50°C

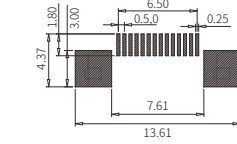
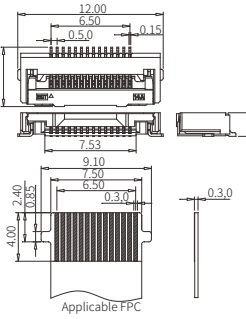
FPC, Pitch 0.5, H 1.9, Front Lock Connector

P/N: 818022502

● Outline Dimensions

● PCB Layout

● Technology Parameters

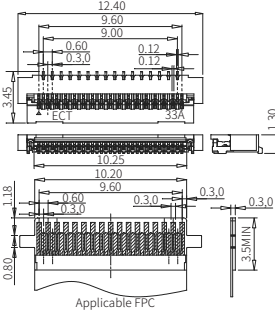
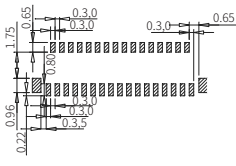


Applicable FPC

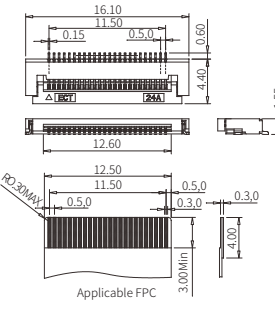
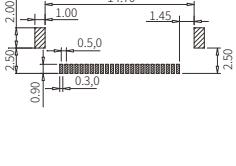
Recommended PCB Pattern Demension

1.1 Operating Voltage: AC 50V
1.2 Rated Current: 0.4A
1.3 Insulation Resistance: 500MΩ Min
1.4 Dielectric Withstanding Voltage: 250V AC/1Min
1.5 Initial Contact Resistance: 50mΩMax
1.6 Final Contact Resistance: 100 mΩ Max
1.7 FPCRetention Force: 20N Min
1.8 Operation Temperature: -55°C~+85°C
1.9 Storage Temperature Range: -10°C~+50°C

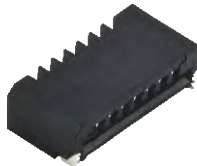
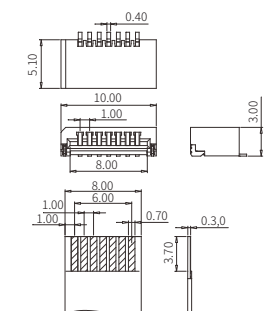
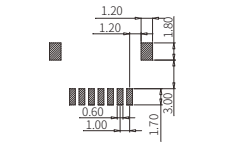
FPC, Pitch 0.3, H 1.3, Front Lock Connector

P/N: 818025180	● Outline Dimensions	● PCB Layout	● Technology Parameters
			1.1 Operating Voltage: AC 30V 1.2 Rated Current: 0.2A 1.3 Insulation Resistance: 500MΩ Min 1.4 Dielectric Withstanding Voltage: 250V AC/1Min 1.5 Initial Contact Resistance: 100 mΩ Max 1.6 Final Contact Resistance: 100 mΩ Max 1.7 FPCRetention Force: 20N Min 1.8 Operation Temperature: -55°C~+85°C 1.9 Storage Temperature Range: -10°C~+50°C

FPC, Pitch 0.5, H 1.5, Front Lock Connector

P/N: 818026797	● Outline Dimensions	● PCB Layout	● Technology Parameters
			1.1 Operating Voltage: AC 50V 1.2 Rated Current: 0.4A 1.3 Insulation Resistance: 500MΩ Min 1.4 Dielectric Withstanding Voltage: 500V AC/1Min 1.5 Initial Contact Resistance: 50mΩ Max 1.6 Final Contact Resistance: 100mΩ Max 1.7 FPCRetention Force: 0.2N/Pin Min 1.8 Operation Temperature: -55°C~+85°C 1.9 Storage Temperature Range: -10°C~+50°C

FPC, Pitch 1.0, H 3.0, Connector

P/N: 818029450	● Outline Dimensions	● PCB Layout	● Technology Parameters
			1.1 Operating Voltage: AC 50V 1.2 Rated Current: 0.5A 1.3 Insulation Resistance: 1000MΩ Min 1.4 Dielectric Withstanding Voltage: 250V AC/1Min 1.5 Initial Contact Resistance: 30mΩ Max 1.6 Final Contact Resistance: 50mΩ Max 1.7 FPCRetention Force: 0.2N/Pin Min 1.8 Operation Temperature: -55°C~+85°C 1.9 Storage Temperature Range: -10°C~+50°C

FPC,FRONT,FLIP,P0.5*H2.0,10P,AU,BK

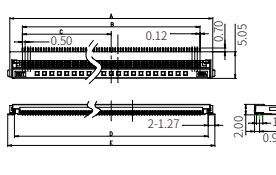
P/N: 8180800014

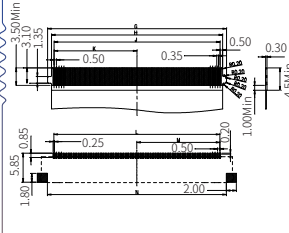
● Outline Dimensions

● PCB Layout

● Technology Parameters







1.1 Operating Voltage: AC 50V

1.2 Rated Current: 0.5A

1.3 Insulation Resistance: 100MΩ Min

1.4 Dielectric Withstanding Voltage: 150VAC 1Min

1.5 Initial Contact Resistance: 50mΩMax

1.6 Final Contact Resistance: 50mΩMax

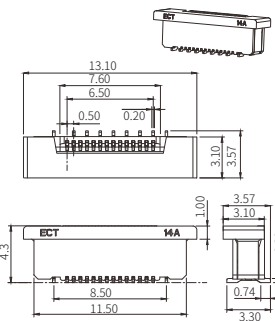
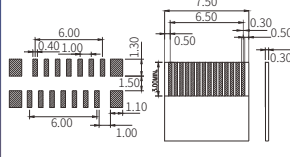
1.7 FPCRetention Force: 0.2N/PIN Min

1.8 Operation Temperature: -40°C~+125°C

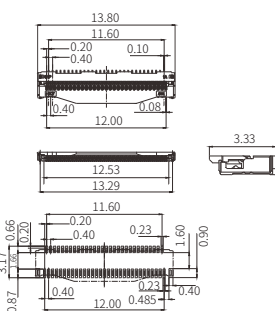
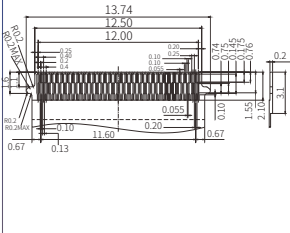
1.9 Storage Temperature Range: -10°C~+50°C

Pin.No	P/N	A	B	C	D	E	F	
10Pin	8180800014	9.30	4.50	2.25	7.55	10.10	5.54	
20Pin	8180800016	14.30	9.50	4.75	12.55	15.10	10.54	
34Pin	8180800017	21.30	16.50	8.25	19.55	22.10	17.54	
68Pin	8180800018	38.30	33.50	16.75	36.55	39.10	34.54	
Pin.No	P/N	G	H	J	K	L	M	N
10Pin	8180800014	7.10	5.50	4.50	2.25	4.50	2.25	7.10
20Pin	8180800016	12.10	10.50	9.50	4.75	9.50	4.75	12.10
34Pin	8180800017	19.10	17.50	16.50	8.25	16.50	8.25	17.10
68Pin	8180800018	36.10	34.50	33.50	16.75	33.50	16.75	36.10

FPC VERTICAL P0.5*5.0, BK, Au

P/N: 818019435	● Outline Dimensions	● PCB Layout	● Technology Parameters
			1.1 Operating Voltage: AC 50V 1.2 Rated Current: 0.4A 1.3 Insulation Resistance: 500MΩ Min 1.4 Dielectric Withstanding Voltage: 150VAC 1Min 1.5 Initial Contact Resistance: 100mΩMax 1.6 Final Contact Resistance: Δ20mΩMax 1.7 FPCRetention Force: 6N Min 1.8 Operation Temperature: -45°C~+85°C 1.9 Storage Temperature Range: -10°C~+65°C

FPC FF P0.20 H1.0 61P

P/N: 8180800007	● Outline Dimensions	● PCB Layout	● Technology Parameters
			1.1 Operating Voltage: AC 30V 1.2 Rated Current: 0.2A 1.3 Insulation Resistance: 50MΩ Min 1.4 Dielectric Withstanding Voltage: 200VAC 1Min 1.5 Initial Contact Resistance: 100mΩMax 1.6 Final Contact Resistance: 200mΩMax 1.7 FPCRetention Force: (0.6*n+2)N/PIN Min 1.8 Operation Temperature: -55°C~+85°C 1.9 Storage Temperature Range: -10°C~+50°C

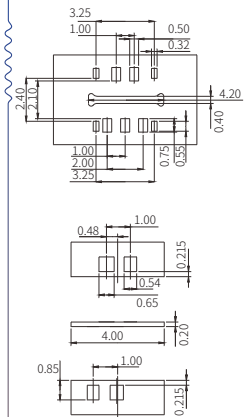
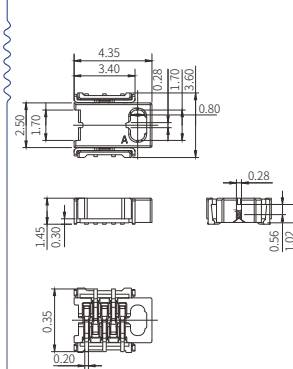
FPC Pitch1.0 H1.45 5P

P/N: 8180800013

● Outline Dimensions

● PCB Layout

● Technology Parameters



- 1.1 Operating Voltage: AC 30V
- 1.2 Rated Current: 0.2A
- 1.3 Insulation Resistance: 500MΩ Min
- 1.4 Dielectric Withstanding Voltage: 250V AC/1Min
- 1.5 Initial Contact Resistance: 100 mΩ Max
- 1.6 Final Contact Resistance: 100 mΩ Max
- 1.7 FPC Retention Force: 20N Min
- 1.8 Operation Temperature: -55°C~+85°C
- 1.9 Storage Temperature Range: -10°C~+50°C

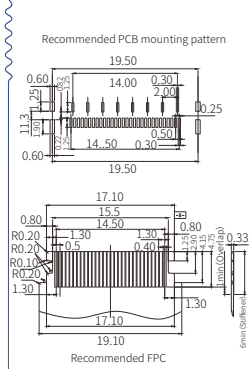
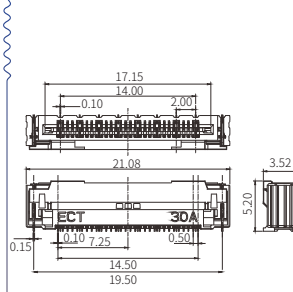
FPC VERTICAL P0.50 H5.2 30P

P/N: 8180800019

● Outline Dimensions

● PCB Layout

● Technology Parameters



- 1.1 Operating Voltage: AC 50V
- 1.2 Rated Current: 0.4A
- 1.3 Insulation Resistance: 500MΩ Min
- 1.4 Dielectric Withstanding Voltage: 500V AC/1Min
- 1.5 Initial Contact Resistance: 50mΩ Max
- 1.6 Final Contact Resistance: 100mΩ Max
- 1.7 FPC Retention Force: 0.2N/Pin Min
- 1.8 Operation Temperature: -55°C~+85°C
- 1.9 Storage Temperature Range: -10°C~+50°C

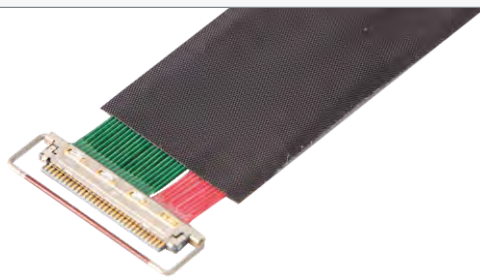


06

BTCC Connector Series

06.1 BTCC Connector



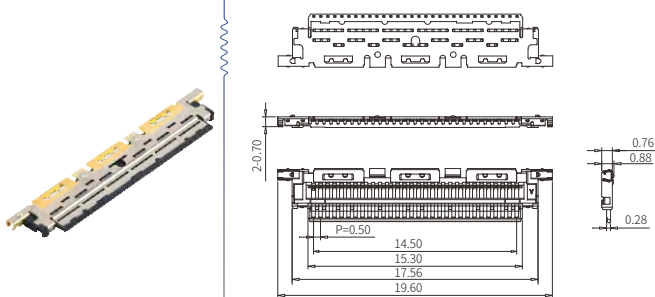


Pitch=0.5, H=1.0, BTCC 30Pin Male Body

P/N: 818014664

Outline Dimensions

Technology Parameters



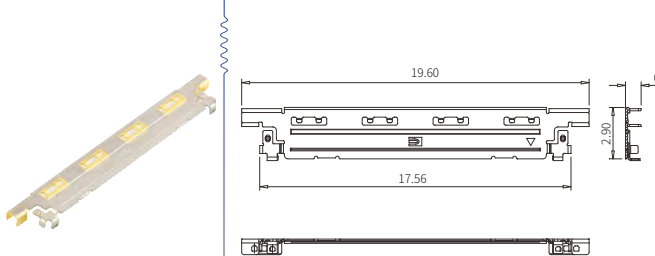
- 1.1 Operating Voltage: AC/DC 100V
- 1.2 Current Carrying Capacity: 1A
- 1.3 Insulation Resistance: 500MΩ Min
- 1.4 Dielectric Withstanding Voltage: 300V AC/1Min
- 1.5 Initial Contact Resistance: 30mΩ Max
- 1.6 After Test Contact Resistance: 50mΩ Max
- 1.7 Temperature Rise: $\Delta 30^{\circ}\text{C}$ Max
- 1.8 Retention Force: Initial 5N Min.
- 1.9 Operation Temperature: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- 2.0 Storage Temperature Range: $-10^{\circ}\text{C} \sim +65^{\circ}\text{C}$
- 2.1 Recommended Applicable Micro-coax Cable Size: 45Ω AWG36 or Smaller, 50Ω AWG38 or Smaller
- 2.2 Recommended Applicable Discrete Cable Size: AWG#32 or Smaller

Pitch=0.5, H=1.0, BTCC 30Pin Male Shell

P/N: 818014665

Outline Dimensions

Technology Parameters



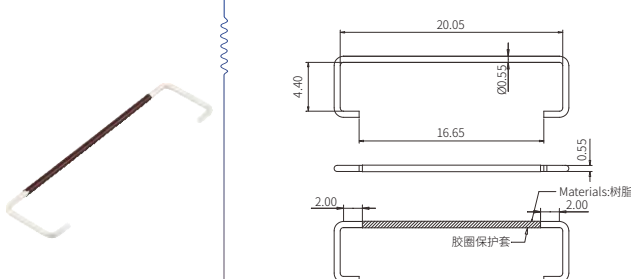
- 1.1 Operating Voltage: AC/DC 100V
- 1.2 Current Carrying Capacity: 1A
- 1.3 Insulation Resistance: 500MΩ Min
- 1.4 Dielectric Withstanding Voltage: 300V AC/1Min
- 1.5 Initial Contact Resistance: 30mΩ Max
- 1.6 After Test Contact Resistance: 50mΩ Max
- 1.7 Temperature Rise: $\Delta 30^{\circ}\text{C}$ Max
- 1.8 Retention Force: Initial 5N Min.
- 1.9 Operation Temperature: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- 2.0 Storage Temperature Range: $-10^{\circ}\text{C} \sim +60^{\circ}\text{C}$

Pitch=0.5, H=1.0, BTCC 30Pin Male Bar

P/N: 818014666

Outline Dimensions

Technology Parameters



- 1.1 Operating Voltage: AC/DC 100V
- 1.2 Current Carrying Capacity: 1A
- 1.3 Insulation Resistance: 500MΩ Min
- 1.4 Dielectric Withstanding Voltage: 300V AC/1Min
- 1.5 Initial Contact Resistance: 30mΩ Max
- 1.6 After Test Contact Resistance: 50mΩ Max
- 1.7 Temperature Rise: $\Delta 30^{\circ}\text{C}$ Max
- 1.8 Retention Force: Initial 5N Min.
- 1.9 Operation Temperature: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- 2.0 Storage Temperature Range: $-10^{\circ}\text{C} \sim +60^{\circ}\text{C}$

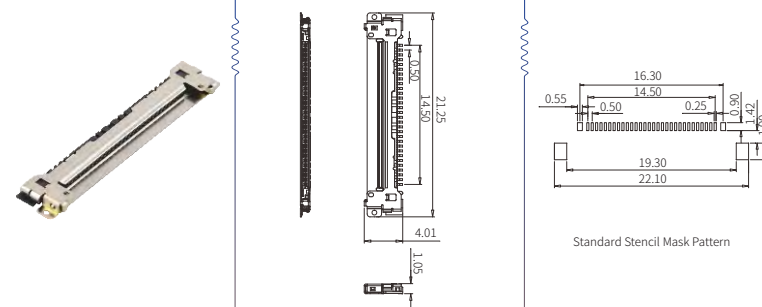
Pitch=0.5, H=1.0, BTCC 30Pin REC Connector

P/N: 818032307

Outline Dimensions

PCB Layout

Technology Parameters



- 1.1 Operating Voltage: AC/DC 100V
- 1.2 Current Carrying Capacity: 1A
- 1.3 Insulation Resistance: 500MΩ Min
- 1.4 Dielectric Withstanding Voltage: 300V AC/1Min
- 1.5 Initial Contact Resistance: 30mΩ Max
- 1.6 Final Contact Resistance: 50mΩ Max
- 1.7 Temperature Rise: $\Delta 30^{\circ}\text{C}$ Max
- 1.8 Retention Force: Initial 5N Min.
- 1.9 Operation Temperature: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- 2.0 Storage Temperature Range: $-10^{\circ}\text{C} \sim +60^{\circ}\text{C}$

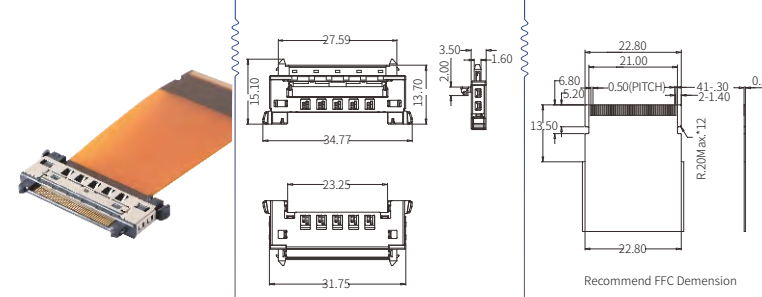
Pitch=0.5, H=3.75, BTCC 41Pin FFC Male Connector

P/N: 818017076

Outline Dimensions

PCB Layout

Technology Parameters



- 1.1 Operating Voltage: AC/DC 100V
- 1.2 Current Carrying Capacity: 0.5 A
- 1.3 Insulation Resistance: 500MΩ Min
- 1.4 Dielectric Withstanding Voltage: 500V AC/1Min
- 1.5 Initial Contact Resistance: 50mΩ Max
- 1.6 Final Contact Resistance: 70mΩ Max
- 1.7 Temperature Rise: $\Delta 30^{\circ}\text{C}$ Max
- 1.8 Retention Force: Initial 6N Min.
- 1.9 Operation Temperature: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- 2.0 Storage Temperature Range: $-10^{\circ}\text{C} \sim +60^{\circ}\text{C}$

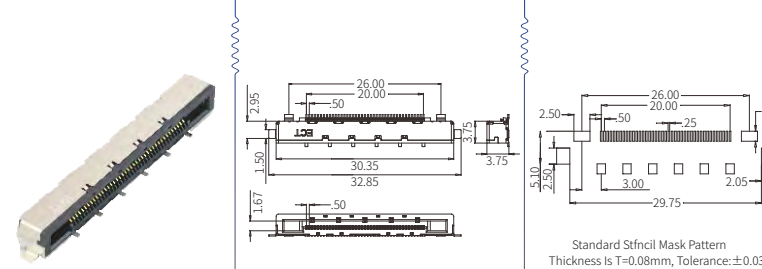
Pitch=0.5, H=3.75, BTCC 41Pin REC Connector

P/N: 818016963

Outline Dimensions

PCB Layout

Technology Parameters



- 1.1 Operating Voltage: AC/DC 100V
- 1.2 Current Carrying Capacity: 0.5 A
- 1.3 Insulation Resistance: 500MΩ Min
- 1.4 Dielectric Withstanding Voltage: 500V AC/1Min
- 1.5 Initial Contact Resistance: 50mΩ Max
- 1.6 Final Contact Resistance: 70mΩ Max
- 1.7 Temperature Rise: $\Delta 30^{\circ}\text{C}$ Max
- 1.8 Retention Force: Initial 6N Min.
- 1.9 Operation Temperature: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- 2.0 Storage Temperature Range: $-10^{\circ}\text{C} \sim +60^{\circ}\text{C}$

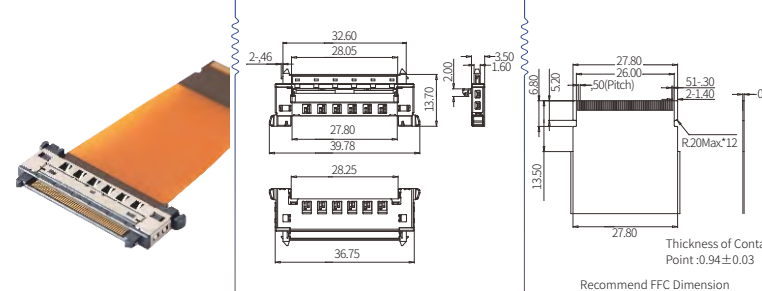
Pitch=0.5, H=3.75, BTCC 51Pin FFC Male Connector

P/N: 818017038

Outline Dimensions

PCB Layout

Technology Parameters



- 1.1 Operating Voltage: AC/DC 100V
- 1.2 Current Carrying Capacity: 0.5 A
- 1.3 Insulation Resistance: 500MΩ Min
- 1.4 Dielectric Withstanding Voltage: 500V AC/1Min
- 1.5 Initial Contact Resistance: 50mΩ Max
- 1.6 Final Contact Resistance: 70mΩ Max
- 1.7 Temperature Rise: $\Delta 30^{\circ}\text{C}$ Max
- 1.8 Retention Force: Initial 6N Min.
- 1.9 Operation Temperature: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- 2.0 Storage Temperature Range: $-10^{\circ}\text{C} \sim +60^{\circ}\text{C}$

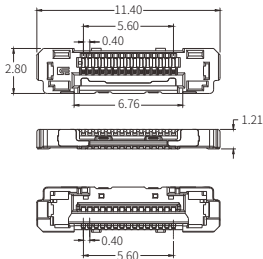


Pitch=0.4, H=1.50, BTCC 15pin Male Body

P/N: 818038812

● Outline Dimensions

● Technology Parameters



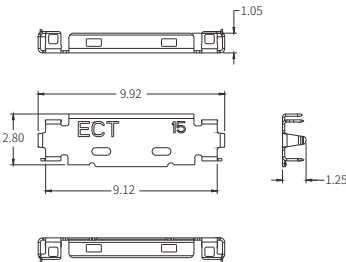
- 1.1 Operating Voltage: AC/DC 30V
- 1.2 Current Carrying Capacity: 0.3 A
- 1.3 Insulation Resistance: 50MΩ Min
- 1.4 Dielectric Withstanding Voltage: 100V AC/1Min
- 1.5 Initial Contact Resistance: 80mΩ Max
- 1.6 Final Contact Resistance: 100mΩ Max
- 1.7 Temperature Rise: $\Delta 30^{\circ}\text{C}$ Max
- 1.8 Retention Force: Initial 3.5N Min
- 1.9 Operation Temperature: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- 2.0 Storage Temperature Range: $-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$

Pitch=0.4, H=1.50, BTCC 15pin Male Shell

P/N: 818038813

● Outline Dimensions

● Technology Parameters



- 1.1 Operating Voltage: AC/DC 30V
- 1.2 Current Carrying Capacity: 0.3 A
- 1.3 Insulation Resistance: 50MΩ Min
- 1.4 Dielectric Withstanding Voltage: 100V AC/1Min
- 1.5 Initial Contact Resistance: 80mΩ Max
- 1.6 Final Contact Resistance: 100mΩ Max
- 1.7 Temperature Rise: $\Delta 30^{\circ}\text{C}$ Max
- 1.8 Retention Force: Initial 3.5N Min
- 1.9 Operation Temperature: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- 2.0 Storage Temperature Range: $-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$

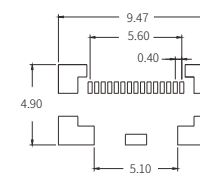
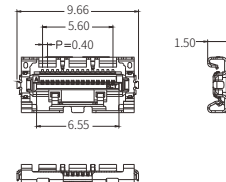
Pitch=0.4, H=1.50, BTCC 15pin REC conn.

P/N: 818038814

● Outline Dimensions

● PCB Layout

● Technology Parameters



- 1.1 Operating Voltage: AC/DC 30V
- 1.2 Current Carrying Capacity: 0.3 A
- 1.3 Insulation Resistance: 50MΩ Min
- 1.4 Dielectric Withstanding Voltage: 150V AC/1Min
- 1.5 Initial Contact Resistance: 80mΩ Max
- 1.6 Final Contact Resistance: 100mΩ Max
- 1.7 Temperature Rise: $\Delta 30^{\circ}\text{C}$ Max
- 1.8 Retention Force: Initial 3.5N Min
- 1.9 Operation Temperature: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- 2.0 Storage Temperature Range: $-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$

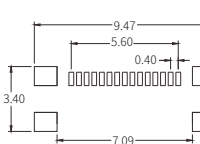
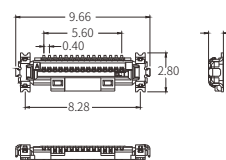
Pitch=0.4, H=1.50, BTCC 15pin REC conn.

P/N: 818045436

● Outline Dimensions

● PCB Layout

● Technology Parameters



- 1.1 Operating Voltage: AC/DC 30V
- 1.2 Current Carrying Capacity: 0.3 A
- 1.3 Insulation Resistance: 50MΩ Min
- 1.4 Dielectric Withstanding Voltage: 100V AC/1Min
- 1.5 Initial Contact Resistance: 80mΩ Max
- 1.6 Final Contact Resistance: 100mΩ Max
- 1.7 Temperature Rise: $\Delta 30^{\circ}\text{C}$ Max
- 1.8 Retention Force: Initial 3.5N Min
- 1.9 Operation Temperature: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- 2.0 Storage Temperature Range: $-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$

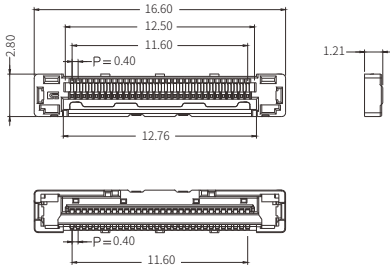


Pitch=0.4, H=1.50, BTCC 30pin Male Body

P/N: 818038815

● Outline Dimensions

● Technology Parameters



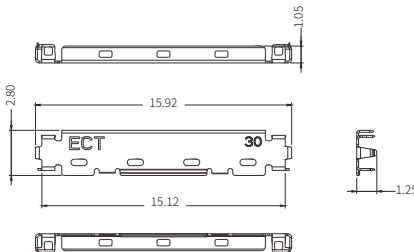
- 1.1 Operating Voltage: AC/DC 30V
- 1.2 Current Carrying Capacity: 0.3 A
- 1.3 Insulation Resistance: 50MΩ Min
- 1.4 Dielectric Withstanding Voltage: 100V AC/1Min
- 1.5 Initial Contact Resistance: 80mΩ Max
- 1.6 Final Contact Resistance: 100mΩ Max
- 1.7 Temperature Rise: $\Delta 30^{\circ}\text{C}$ Max
- 1.8 Retention Force: Initial 4.65N Min
- 1.9 Operation Temperature: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- 2.0 Storage Temperature Range: $-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$

Pitch=0.4, H=1.50, BTCC 30pin Male Shell

P/N: 818038816

● Outline Dimensions

● Technology Parameters



- 1.1 Operating Voltage: AC/DC 30V
- 1.2 Current Carrying Capacity: 0.3 A
- 1.3 Insulation Resistance: 50MΩ Min
- 1.4 Dielectric Withstanding Voltage: 100V AC/1Min
- 1.5 Initial Contact Resistance: 80mΩ Max
- 1.6 Final Contact Resistance: 100mΩ Max
- 1.7 Temperature Rise: $\Delta 30^{\circ}\text{C}$ Max
- 1.8 Retention Force: Initial 4.65N Min
- 1.9 Operation Temperature: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- 2.0 Storage Temperature Range: $-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$

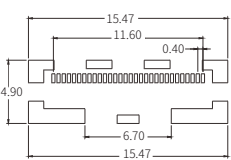
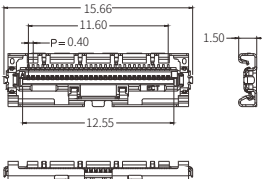
Pitch=0.4, H=1.50, BTCC 30pin REC conn.

P/N: 818038817

● Outline Dimensions

● PCB Layout

● Technology Parameters



- 1.1 Operating Voltage: AC/DC 30V
- 1.2 Current Carrying Capacity: 0.3 A
- 1.3 Insulation Resistance: 50MΩ Min
- 1.4 Dielectric Withstanding Voltage: 100V AC/1Min
- 1.5 Initial Contact Resistance: 80mΩ Max
- 1.6 Final Contact Resistance: 100mΩ Max
- 1.7 Temperature Rise: $\Delta 30^{\circ}\text{C}$ Max
- 1.8 Retention Force: Initial 4.65N Min
- 1.9 Operation Temperature: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- 2.0 Storage Temperature Range: $-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$

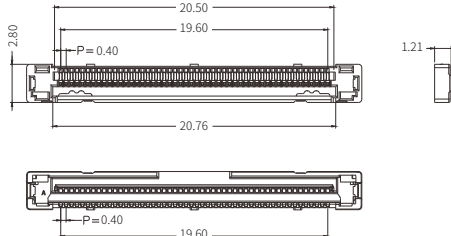


Pitch=0.4, H=1.50, BTCC 50pin Male Body

P/N: 818038818

● Outline Dimensions

● Technology Parameters



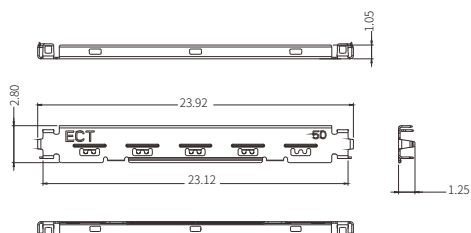
- 1.1 Operating Voltage: AC/DC 30V
- 1.2 Current Carrying Capacity: 0.3 A
- 1.3 Insulation Resistance: 50MΩ Min
- 1.4 Dielectric Withstanding Voltage: 100V AC/1Min
- 1.5 Initial Contact Resistance: 80mΩ Max
- 1.6 Final Contact Resistance: 100mΩ Max
- 1.7 Temperature Rise: $\Delta 30^{\circ}\text{C}$ Max
- 1.8 Retention Force: Initial 4.65N Min
- 1.9 Operation Temperature: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- 2.0 Storage Temperature Range: $-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$

Pitch=0.4, H=1.50, BTCC 50pin Male Shell

P/N: 818038819

● Outline Dimensions

● Technology Parameters



- 1.1 Operating Voltage: AC/DC 30V
- 1.2 Current Carrying Capacity: 0.3 A
- 1.3 Insulation Resistance: 50MΩ Min
- 1.4 Dielectric Withstanding Voltage: 100V AC/1Min
- 1.5 Initial Contact Resistance: 80mΩ Max
- 1.6 Final Contact Resistance: 100mΩ Max
- 1.7 Temperature Rise: $\Delta 30^{\circ}\text{C}$ Max
- 1.8 Retention Force: Initial 4.65N Min
- 1.9 Operation Temperature: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- 2.0 Storage Temperature Range: $-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$

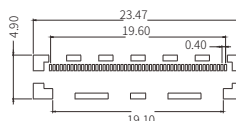
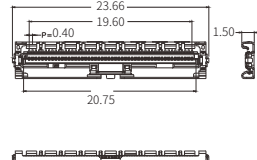
Pitch=0.4, H=1.50, BTCC 50pin REC conn.

P/N: 818038820

● Outline Dimensions

● PCB Layout

● Technology Parameters



- 1.1 Operating Voltage: AC/DC 30V
- 1.2 Current Carrying Capacity: 0.3 A
- 1.3 Insulation Resistance: 50MΩ Min
- 1.4 Dielectric Withstanding Voltage: 100V AC/1Min
- 1.5 Initial Contact Resistance: 80mΩ Max
- 1.6 Final Contact Resistance: 100mΩ Max
- 1.7 Temperature Rise: $\Delta 30^{\circ}\text{C}$ Max
- 1.8 Retention Force: Initial 4.65N Min
- 1.9 Operation Temperature: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- 2.0 Storage Temperature Range: $-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$

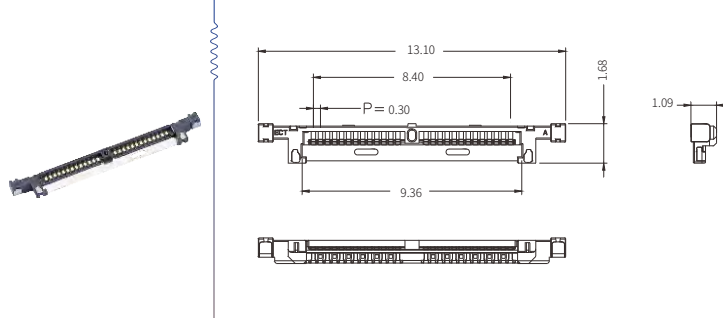


Pitch=0.30,H=1.45,BTCC 26pin Male Body

P/N: 818039960

● Outline Dimensions

● Technology Parameters



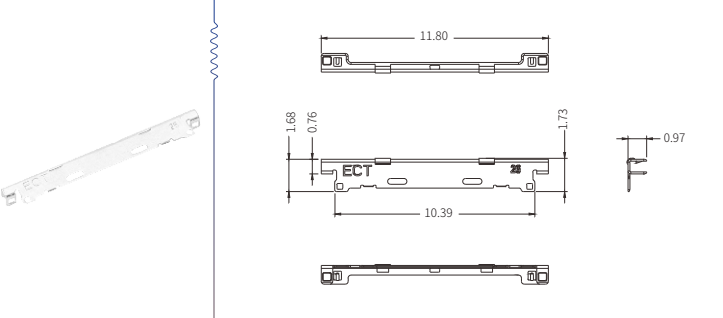
- 1.1 Operating Voltage: AC/DC 30V
- 1.2 Current Carrying Capacity: 0.3 A
- 1.3 Insulation Resistance: 50MΩ Min
- 1.4 Dielectric Withstanding Voltage: 100V AC/1Min
- 1.5 Initial Contact Resistance: 80mΩ Max
- 1.6 Final Contact Resistance: 100mΩ Max
- 1.7 Temperature Rise: $\Delta 30^{\circ}\text{C}$ Max
- 1.8 Retention Force: Initial 4N Min
- 1.9 Operation Temperature: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- 2.0 Storage Temperature Range: $-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$

Pitch=0.30,H=1.45,BTCC 26pin Male Shell

P/N: 818039961

● Outline Dimensions

● Technology Parameters



- 1.1 Operating Voltage: AC/DC 30V
- 1.2 Current Carrying Capacity: 0.3 A
- 1.3 Insulation Resistance: 50MΩ Min
- 1.4 Dielectric Withstanding Voltage: 100V AC/1Min
- 1.5 Initial Contact Resistance: 80mΩ Max
- 1.6 Final Contact Resistance: 100mΩ Max
- 1.7 Temperature Rise: $\Delta 30^{\circ}\text{C}$ Max
- 1.8 Retention Force: Initial 4N Min
- 1.9 Operation Temperature: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- 2.0 Storage Temperature Range: $-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$

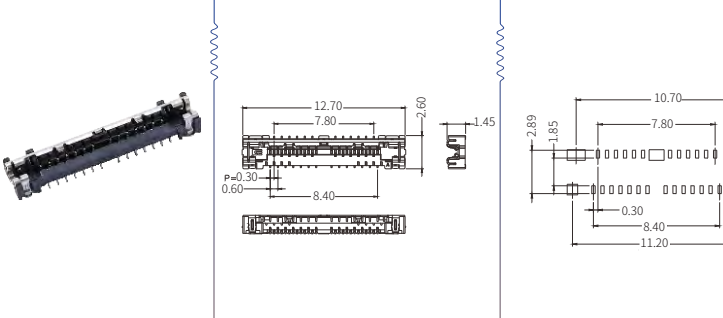
Pitch=0.30,H=1.45,BTCC 26pin REC conn.

P/N: 818039962

● Outline Dimensions

● PCB Layout

● Technology Parameters



- 1.1 Operating Voltage: AC/DC 30V
- 1.2 Current Carrying Capacity: 0.3 A
- 1.3 Insulation Resistance: 50MΩ Min
- 1.4 Dielectric Withstanding Voltage: 100V AC/1Min
- 1.5 Initial Contact Resistance: 80mΩ Max
- 1.6 Final Contact Resistance: 100mΩ Max
- 1.7 Temperature Rise: $\Delta 30^{\circ}\text{C}$ Max
- 1.8 Retention Force: Initial 4N Min
- 1.9 Operation Temperature: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- 2.0 Storage Temperature Range: $-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$

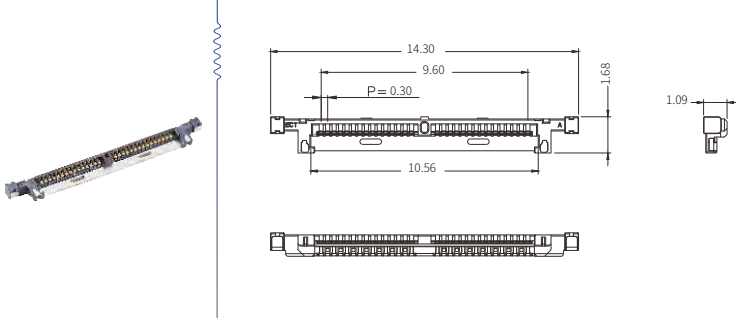


Pitch=0.30,H=1.45,BTCC 30pin Male Body

P/N: 818035280

● Outline Dimensions

● Technology Parameters



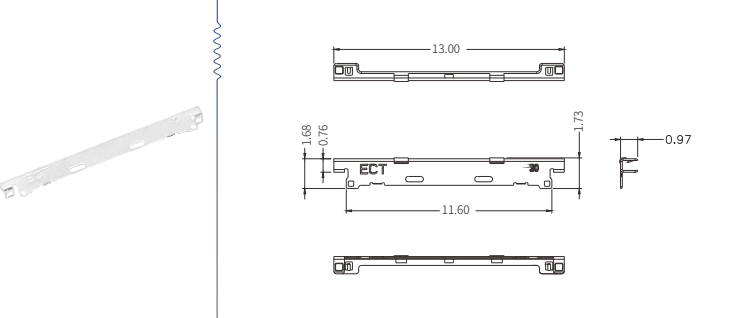
- 1.1 Operating Voltage: AC/DC 30V
- 1.2 Current Carrying Capacity: 0.3 A
- 1.3 Insulation Resistance: 50MΩ Min
- 1.4 Dielectric Withstanding Voltage: 100V AC/1Min
- 1.5 Initial Contact Resistance: 80mΩ Max
- 1.6 Final Contact Resistance: 100mΩ Max
- 1.7 Temperature Rise: $\Delta 30^{\circ}\text{C}$ Max
- 1.8 Retention Force: Initial 4N Min
- 1.9 Operation Temperature: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- 2.0 Storage Temperature Range: $-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$

Pitch=0.30,H=1.45,BTCC 30pin Male Shell

P/N: 818035281

● Outline Dimensions

● Technology Parameters



- 1.1 Operating Voltage: AC/DC 30V
- 1.2 Current Carrying Capacity: 0.3 A
- 1.3 Insulation Resistance: 50MΩ Min
- 1.4 Dielectric Withstanding Voltage: 100V AC/1Min
- 1.5 Initial Contact Resistance: 80mΩ Max
- 1.6 Final Contact Resistance: 100mΩ Max
- 1.7 Temperature Rise: $\Delta 30^{\circ}\text{C}$ Max
- 1.8 Retention Force: Initial 4N Min
- 1.9 Operation Temperature: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- 2.0 Storage Temperature Range: $-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$

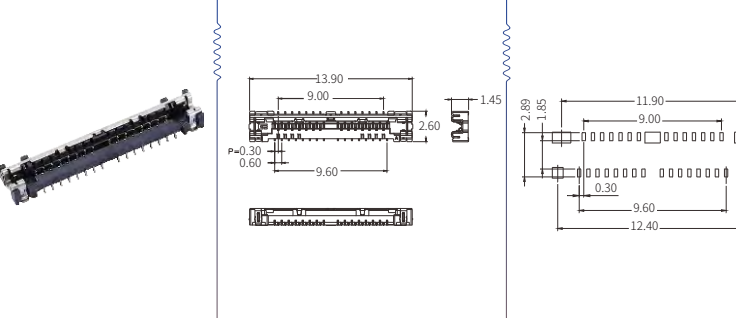
Pitch=0.30,H=1.45,BTCC 30pin REC conn.

P/N: 818035282

● Outline Dimensions

● PCB Layout

● Technology Parameters



- 1.1 Operating Voltage: AC/DC 30V
- 1.2 Current Carrying Capacity: 0.3 A
- 1.3 Insulation Resistance: 50MΩ Min
- 1.4 Dielectric Withstanding Voltage: 150V AC/1Min
- 1.5 Initial Contact Resistance: 50mΩ Max
- 1.6 Final Contact Resistance: 80mΩ Max
- 1.7 Temperature Rise: $\Delta 30^{\circ}\text{C}$ Max
- 1.8 Retention Force: Initial 4N Min
- 1.9 Operation Temperature: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- 2.0 Storage Temperature Range: $-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$

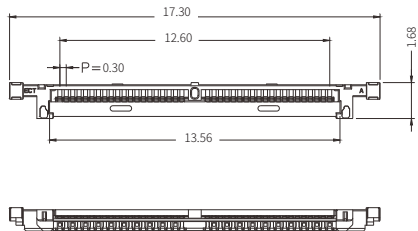


Pitch=0.30,H=1.45,BTCC 40pin Male Body

P/N: 818039963

● Outline Dimensions

● Technology Parameters



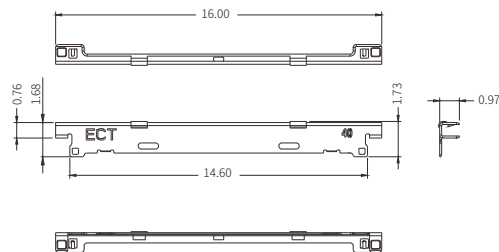
- 1.1 Operating Voltage: AC/DC 30V
- 1.2 Current Carrying Capacity: 0.3 A
- 1.3 Insulation Resistance: 50MΩ Min
- 1.4 Dielectric Withstanding Voltage: 100V AC/1Min
- 1.5 Initial Contact Resistance: 80mΩ Max
- 1.6 Final Contact Resistance: 100mΩ Max
- 1.7 Temperature Rise: $\Delta 30^{\circ}\text{C}$ Max
- 1.8 Retention Force: Initial 4.5N Min
- 1.9 Operation Temperature: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- 2.0 Storage Temperature Range: $-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$

Pitch=0.30,H=1.45,BTCC 40pin Male Shell

P/N: 818039964

● Outline Dimensions

● Technology Parameters



- 1.1 Operating Voltage: AC/DC 30V
- 1.2 Current Carrying Capacity: 0.3 A
- 1.3 Insulation Resistance: 50MΩ Min
- 1.4 Dielectric Withstanding Voltage: 100V AC/1Min
- 1.5 Initial Contact Resistance: 80mΩ Max
- 1.6 Final Contact Resistance: 100mΩ Max
- 1.7 Temperature Rise: $\Delta 30^{\circ}\text{C}$ Max
- 1.8 Retention Force: Initial 4.5N Min
- 1.9 Operation Temperature: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- 2.0 Storage Temperature Range: $-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$

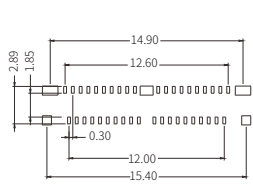
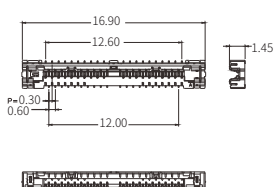
Pitch=0.30,H=1.45,BTCC 40pin REC conn.

P/N: 818039965

● Outline Dimensions

● PCB Layout

● Technology Parameters



- 1.1 Operating Voltage: AC/DC 30V
- 1.2 Current Carrying Capacity: 0.3 A
- 1.3 Insulation Resistance: 50MΩ Min
- 1.4 Dielectric Withstanding Voltage: 100V AC/1Min
- 1.5 Initial Contact Resistance: 80mΩ Max
- 1.6 Final Contact Resistance: 100mΩ Max
- 1.7 Temperature Rise: $\Delta 30^{\circ}\text{C}$ Max
- 1.8 Retention Force: Initial 4.5N Min
- 1.9 Operation Temperature: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- 2.0 Storage Temperature Range: $-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$

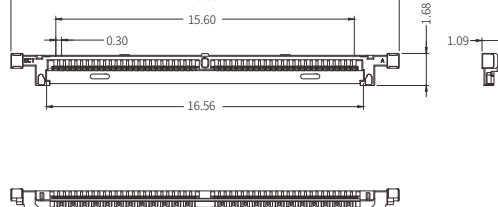


Pitch=0.30,H=1.45,BTCC 50pin Male Body

P/N: 818039966

● Outline Dimensions

● Technology Parameters



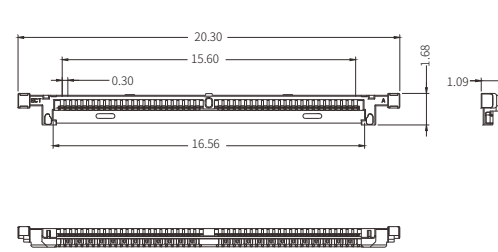
- 1.1 Operating Voltage: AC/DC 30V
- 1.2 Current Carrying Capacity: 0.3 A
- 1.3 Insulation Resistance: 50MΩ Min
- 1.4 Dielectric Withstanding Voltage: 100V AC/1Min
- 1.5 Initial Contact Resistance: 80mΩ Max
- 1.6 Final Contact Resistance: 100mΩ Max
- 1.7 Temperature Rise: $\Delta 30^{\circ}\text{C}$ Max
- 1.8 Retention Force: Initial 5N Min
- 1.9 Operation Temperature: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- 2.0 Storage Temperature Range: $-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$

Pitch=0.30,H=1.45,BTCC 50pin Male Shell

P/N: 818039967

● Outline Dimensions

● Technology Parameters



- 1.1 Operating Voltage: AC/DC 30V
- 1.2 Current Carrying Capacity: 0.3 A
- 1.3 Insulation Resistance: 50MΩ Min
- 1.4 Dielectric Withstanding Voltage: 100V AC/1Min
- 1.5 Initial Contact Resistance: 80mΩ Max
- 1.6 Final Contact Resistance: 100mΩ Max
- 1.7 Temperature Rise: $\Delta 30^{\circ}\text{C}$ Max
- 1.8 Retention Force: Initial 5N Min
- 1.9 Operation Temperature: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- 2.0 Storage Temperature Range: $-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$

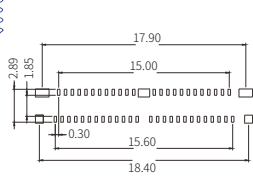
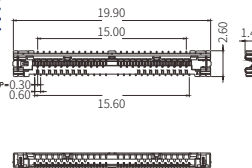
Pitch=0.30,H=1.45,BTCC 50pin REC conn.

P/N: 818039968

● Outline Dimensions

● PCB Layout

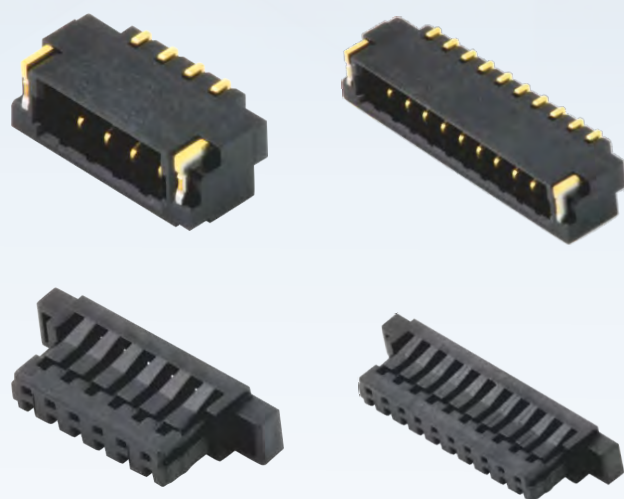
● Technology Parameters



- 1.1 Operating Voltage: AC/DC 30V
- 1.2 Current Carrying Capacity: 0.3 A
- 1.3 Insulation Resistance: 50MΩ Min
- 1.4 Dielectric Withstanding Voltage: 100V AC/1Min
- 1.5 Initial Contact Resistance: 80mΩ Max
- 1.6 Final Contact Resistance: 100mΩ Max
- 1.7 Temperature Rise: $\Delta 30^{\circ}\text{C}$ Max
- 1.8 Retention Force: Initial 5N Min
- 1.9 Operation Temperature: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- 2.0 Storage Temperature Range: $-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$

WTB Series

07.1 WTB Connector



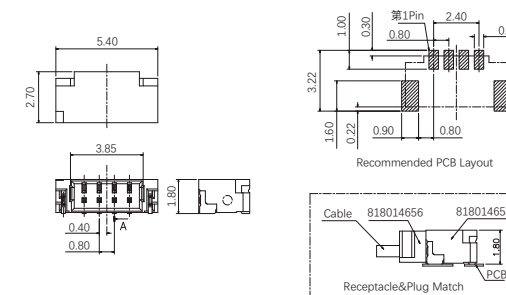
Assembling Part



Pitch=0.8, H=1.9, WTB 4Pin HDR Connector

P/N: 818014654

Outline Dimensions



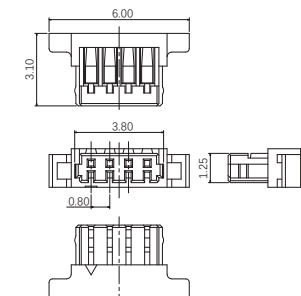
Technology Parameters

- 1.1 Operating Voltage: D/C 50V
- 1.2 Current Carrying Capacity: 2A
- 1.3 Insulation Resistance: 200MΩ Min
- 1.4 Dielectric Withstanding Voltage: 200V AC/1Min
- 1.5 Initial Contact Resistance: 30mΩ Max
- 1.6 Final Contact Resistance: 50mΩ Max
- 1.7 Temperature Rise: $\Delta 30^{\circ}\text{C}$ Max
- 1.8 Retention Force: Initial 2N Min.
- 1.9 Operation Temperature: $-55^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- 2.0 Storage Temperature Range: $-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$

Pitch=0.8, H=1.9, WTB 4Pin REC Housing

P/N: 818014656

Outline Dimensions



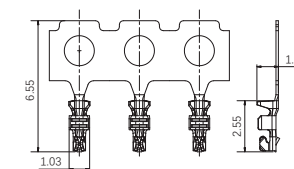
Technology Parameters

- 1.1 Operating Voltage: D/C 50V
- 1.2 Current Carrying Capacity: 2A
- 1.3 Insulation Resistance: 200MΩ Min
- 1.4 Dielectric Withstanding Voltage: 200V AC/1Min
- 1.5 Initial Contact Resistance: 30mΩ Max
- 1.6 Final Contact Resistance: 50mΩ Max
- 1.7 Temperature Rise: $\Delta 30^{\circ}\text{C}$ Max
- 1.8 Retention Force: Initial 2N Min.
- 1.9 Operation Temperature: $-55^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- 2.0 Storage Temperature Range: $-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$

Pitch=0.8, H=1.9, WTB 4Pin REC Contact

P/N: 818014659

Outline Dimensions



Technology Parameters

- 1.1 Operating Voltage: D/C 50V
- 1.2 Current Carrying Capacity: 2A
- 1.3 Insulation Resistance: 200MΩ Min
- 1.4 Dielectric Withstanding Voltage: 200V AC/1Min
- 1.5 Initial Contact Resistance: 30mΩ Max
- 1.6 Final Contact Resistance: 50mΩ Max
- 1.7 Temperature Rise: $\Delta 30^{\circ}\text{C}$ Max
- 1.8 Retention Force: Initial 2N Min.
- 1.9 Operation Temperature: $-55^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- 2.0 Storage Temperature Range: $-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$

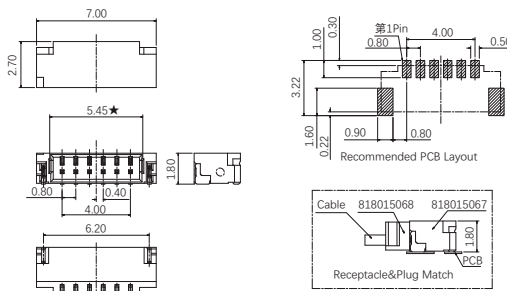


Pitch=0.8, H=1.9, WTB 6Pin HDR Connector

P/N: 818015067

● Outline Dimensions

● Technology Parameters



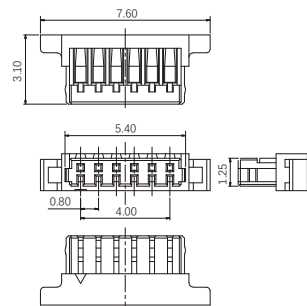
- 1.1 Operating Voltage: D/C 50V
- 1.2 Current Carrying Capacity: 2A
- 1.3 Insulation Resistance: 200MΩ Min
- 1.4 Dielectric Withstanding Voltage: 200V AC/1Min
- 1.5 Initial Contact Resistance: 30mΩ Max
- 1.6 Final Contact Resistance: 50mΩ Max
- 1.7 Tempaure Rise: $\Delta 30^{\circ}\text{C}$ Max
- 1.8 Retention Force: Initial2N Min.
- 1.9 Operation Temperature: $-55^{\circ}\text{C}\sim+85^{\circ}\text{C}$
- 2.0 Storage Temperature Range: $-10^{\circ}\text{C}\sim+50^{\circ}\text{C}$

Pitch=0.8, H=1.9, WTB 6Pin REC Housing

P/N: 818015068

● Outline Dimensions

● Technology Parameters



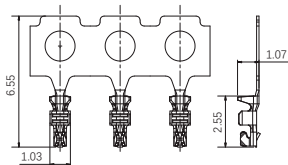
- 1.1 Operating Voltage: D/C 50V
- 1.2 Current Carrying Capacity: 2A
- 1.3 Insulation Resistance: 200MΩ Min
- 1.4 Dielectric Withstanding Voltage: 200V AC/1Min
- 1.5 Initial Contact Resistance: 30mΩ Max
- 1.6 Final Contact Resistance: 50mΩ Max
- 1.7 Tempaure Rise: $\Delta 30^{\circ}\text{C}$ Max
- 1.8 Retention Force: Initial2N Min.
- 1.9 Operation Temperature: $-55^{\circ}\text{C}\sim+85^{\circ}\text{C}$
- 2.0 Storage Temperature Range: $-10^{\circ}\text{C}\sim+50^{\circ}\text{C}$

Pitch=0.8, H=1.9, WTB 6Pin REC Contact

P/N: 818015069

● Outline Dimensions

● Technology Parameters



- 1.1 Operating Voltage: D/C 50V
- 1.2 Current Carrying Capacity: 2A
- 1.3 Insulation Resistance: 200MΩ Min
- 1.4 Dielectric Withstanding Voltage: 200V AC/1Min
- 1.5 Initial Contact Resistance: 30mΩ Max
- 1.6 Final Contact Resistance: 50mΩ Max
- 1.7 Tempaure Rise: $\Delta 30^{\circ}\text{C}$ Max
- 1.8 Retention Force: Initial2N Min.
- 1.9 Operation Temperature: $-55^{\circ}\text{C}\sim+85^{\circ}\text{C}$
- 2.0 Storage Temperature Range: $-10^{\circ}\text{C}\sim+50^{\circ}\text{C}$

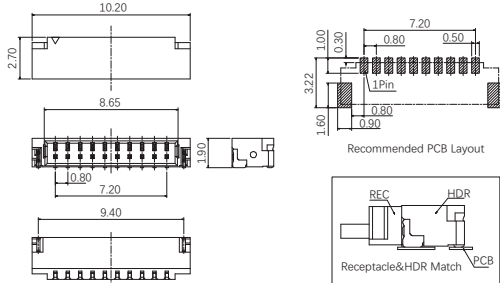


Pitch=0.8, H=1.9, WTB 10Pin HDR Connector

P/N: 818018867

● Outline Dimensions

● Technology Parameters



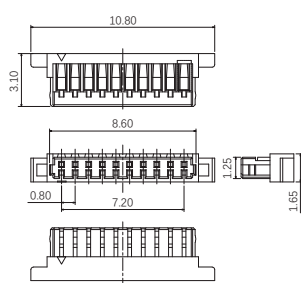
- 1.1 Operating Voltage: D/C 50V
- 1.2 Current Carrying Capacity: 1A
- 1.3 Insulation Resistance: 200MΩ Min
- 1.4 Dielectric Withstanding Voltage: 200V AC/1Min
- 1.5 Initial Contact Resistance: 30mΩ Max
- 1.6 Final Contact Resistance: 50mΩ Max
- 1.7 Tempaure Rise: $\Delta 30^{\circ}\text{C}$ Max
- 1.8 Retention Force: Initial2N Min.
- 1.9 Operation Temperature: $-55^{\circ}\text{C}\sim+85^{\circ}\text{C}$
- 2.0 Storage Temperature Range: $-10^{\circ}\text{C}\sim+50^{\circ}\text{C}$

Pitch=0.8, H=1.9, WTB 10Pin REC Housing

P/N: 818018869

● Outline Dimensions

● Technology Parameters



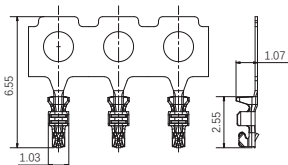
- 1.1 Operating Voltage: D/C 50V
- 1.2 Current Carrying Capacity: 1A
- 1.3 Insulation Resistance: 200MΩ Min
- 1.4 Dielectric Withstanding Voltage: 200V AC/1Min
- 1.5 Initial Contact Resistance: 30mΩ Max
- 1.6 Final Contact Resistance: 50mΩ Max
- 1.7 Tempaure Rise: $\Delta 30^{\circ}\text{C}$ Max
- 1.8 Retention Force: Initial2N Min.
- 1.9 Operation Temperature: $-55^{\circ}\text{C}\sim+85^{\circ}\text{C}$
- 2.0 Storage Temperature Range: $-10^{\circ}\text{C}\sim+50^{\circ}\text{C}$

Pitch=0.8, H=1.9, WTB 10Pin REC Contact

P/N: 818018868

● Outline Dimensions

● Technology Parameters



- 1.1 Operating Voltage: D/C 50V
- 1.2 Current Carrying Capacity: 1A
- 1.3 Insulation Resistance: 200MΩ Min
- 1.4 Dielectric Withstanding Voltage: 200V AC/1Min
- 1.5 Initial Contact Resistance: 30mΩ Max
- 1.6 Final Contact Resistance: 50mΩ Max
- 1.7 Tempaure Rise: $\Delta 30^{\circ}\text{C}$ Max
- 1.8 Retention Force: Initial2N Min.
- 1.9 Operation Temperature: $-55^{\circ}\text{C}\sim+85^{\circ}\text{C}$
- 2.0 Storage Temperature Range: $-10^{\circ}\text{C}\sim+50^{\circ}\text{C}$

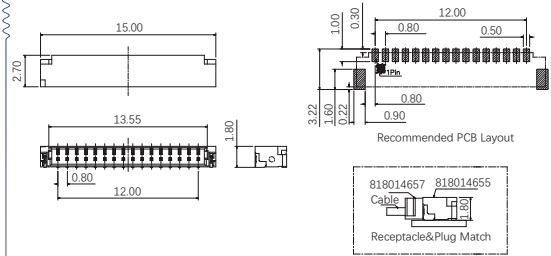


Pitch=0.8, H=1.9, WTB 16Pin HDR Connector

P/N: 818014655

● Outline Dimensions

● Technology Parameters



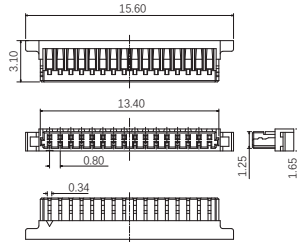
- 1.1 Operating Voltage: D/C 50V
- 1.2 Current Carrying Capacity: 0.5A
- 1.3 Insulation Resistance: 200MΩ Min
- 1.4 Dielectric Withstanding Voltage: 200V AC/1Min
- 1.5 Initial Contact Resistance: 30mΩ Max
- 1.6 Final Contact Resistance: 50mΩ Max
- 1.7 Temperature Rise: $\Delta 30^{\circ}\text{C}$ Max
- 1.8 Retention Force: Initial 2N Min.
- 1.9 Operation Temperature: $-55^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- 2.0 Storage Temperature Range: $-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$

Pitch=0.8, H=1.9, WTB 16Pin REC Housing

P/N: 818014657

● Outline Dimensions

● Technology Parameters



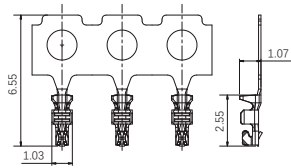
- 1.1 Operating Voltage: D/C 50V
- 1.2 Current Carrying Capacity: 0.5A
- 1.3 Insulation Resistance: 200MΩ Min
- 1.4 Dielectric Withstanding Voltage: 200V AC/1Min
- 1.5 Initial Contact Resistance: 30mΩ Max
- 1.6 Final Contact Resistance: 50mΩ Max
- 1.7 Temperature Rise: $\Delta 30^{\circ}\text{C}$ Max
- 1.8 Retention Force: Initial 2N Min.
- 1.9 Operation Temperature: $-55^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- 2.0 Storage Temperature Range: $-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$

Pitch=0.8, H=1.9, WTB 16Pin REC Contact

P/N: 818014658

● Outline Dimensions

● Technology Parameters



- 1.1 Operating Voltage: D/C 50V
- 1.2 Current Carrying Capacity: 0.5A
- 1.3 Insulation Resistance: 200MΩ Min
- 1.4 Dielectric Withstanding Voltage: 200V AC/1Min
- 1.5 Initial Contact Resistance: 30mΩ Max
- 1.6 Final Contact Resistance: 50mΩ Max
- 1.7 Temperature Rise: $\Delta 30^{\circ}\text{C}$ Max
- 1.8 Retention Force: Initial 2N Min.
- 1.9 Operation Temperature: $-55^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- 2.0 Storage Temperature Range: $-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$

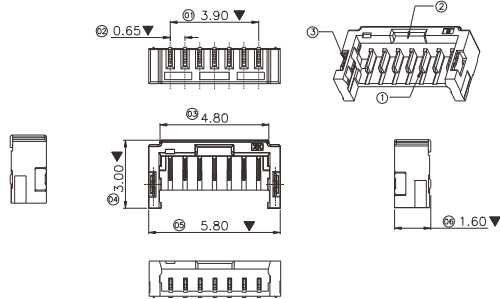


Pitch=0.65, H=1.55, WTB 7Pin HDR Connector

P/N: 818045798

● Outline Dimensions

● Technology Parameters



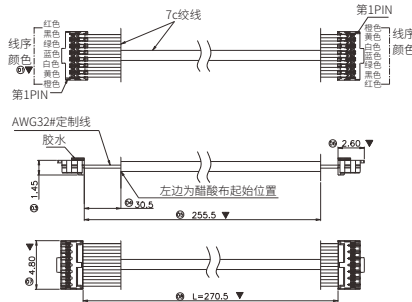
- 1.1 Operating Voltage: D/C 50V
- 1.2 Current Carrying Capacity: 0.5A
- 1.3 Insulation Resistance: 200MΩ Min
- 1.4 Dielectric Withstanding Voltage: 200V AC/1Min
- 1.5 Initial Contact Resistance: 30mΩ Max
- 1.6 Final Contact Resistance: 50mΩ Max
- 1.7 Temperature Rise: $\Delta 30^{\circ}\text{C}$ Max
- 1.8 Retention Force: Initial 2N Min.
- 1.9 Operation Temperature: $-55^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- 2.0 Storage Temperature Range: $-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$

Pitch=0.65, H=1.55, WTB 7Pin REC Housing

P/N: 818045799

● Outline Dimensions

● Technology Parameters



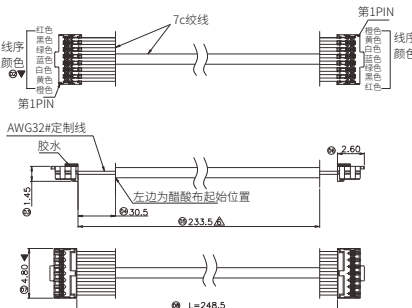
- 1.1 Operating Voltage: D/C 50V
- 1.2 Current Carrying Capacity: 0.5A
- 1.3 Insulation Resistance: 200MΩ Min
- 1.4 Dielectric Withstanding Voltage: 200V AC/1Min
- 1.5 Initial Contact Resistance: 30mΩ Max
- 1.6 Final Contact Resistance: 50mΩ Max
- 1.7 Temperature Rise: $\Delta 30^{\circ}\text{C}$ Max
- 1.8 Retention Force: Initial 2N Min.
- 1.9 Operation Temperature: $-55^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- 2.0 Storage Temperature Range: $-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$

Pitch=0.65, H=1.55, WTB 7Pin REC Housing

P/N: 818047335

● Outline Dimensions

● Technology Parameters



- 1.1 Operating Voltage: D/C 50V
- 1.2 Current Carrying Capacity: 0.5A
- 1.3 Insulation Resistance: 200MΩ Min
- 1.4 Dielectric Withstanding Voltage: 200V AC/1Min
- 1.5 Initial Contact Resistance: 30mΩ Max
- 1.6 Final Contact Resistance: 50mΩ Max
- 1.7 Temperature Rise: $\Delta 30^{\circ}\text{C}$ Max
- 1.8 Retention Force: Initial 2N Min.
- 1.9 Operation Temperature: $-55^{\circ}\text{C} \sim +85^{\circ}\text{C}$
- 2.0 Storage Temperature Range: $-10^{\circ}\text{C} \sim +50^{\circ}\text{C}$

SMA/SSMA/MCX/ MMCXSeries

- 08.1 SMA Connector
- 08.2 SSM AConnector
- 08.3 MCX Connector
- 08.4 MMCX Connector
- 08.5 Adapter Connector

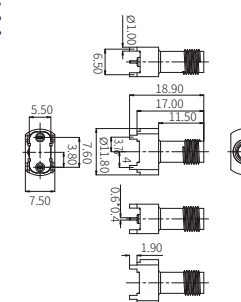


P/N: 818001497

- Outline Dimensions

- PCB Layout

- Technology Parameters



Recommended PCB Layout
Tolerance $\pm 0.05\text{mm}$

- 1.1 Frequency Range:
DC~3GHz
- 1.2 Operating Humidity:
35%~85%RH
- 1.3 Operation Temperature:
-40°C ~ +85°C
- 1.4 Impedance: 50Ω
- 1.5 Voltage Standing Wave Ratio:
1.5 Max (DC~3GHz)
- 1.6 Insertion Loss:
-0.5dB Max (DC~3GHz)
- 1.7 Isolation:
-10dB Min (DC~3GHz)
- 1.8 Voltage Rating: 335V AC (R.M.S)
- 1.9 Insulation Resistance:
5000MΩ
- 2.0 Withstanding Voltage:
1000V AC / 1Min

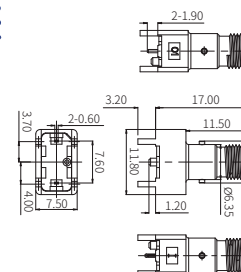
SMA RF Switch Connector, V/T, Jack, DIP Type with Switch

P/N: 818001621

- Outline Dimensions

- PCB Layout

- Technology Parameters



- 1.1 Frequency Range:
DC-6GHz
- 1.2 Operating Humidity:
35%-85%RH
- 1.3 Operation Temperature:
-40°C ~ +85°C
- 1.4 Impedance: 50Ω
- 1.5 Voltage Standing Wave Ratio:
1.5 Max (DC-6GHz)
- 1.6 Insertion Loss:
-0.5dB Max (DC-3GHz)
-0.5dB Max (DC-6GHz)
- 1.7 Isolation:
-15dB Min (3~6GHz)
-20dB Min (DC~3GHz)
- 1.8 Voltage Rating: 100V AC (R.M.S)
- 1.9 Insulation Resistance:
5000 MΩ
- 2.0 Withstanding Voltage:
150V AC/1Min

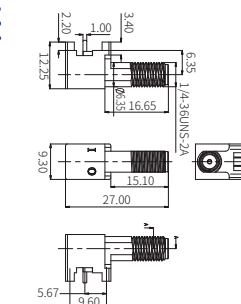
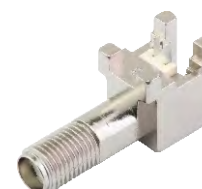
SMA Switch Connector, R/A, Jack, DIP Type with Switch

P/N: 818011117

- Outline Dimensions

- PCB Layout

- Technology Parameters



Common Contact Normal Contact

4-Ø3.50

7.00

2.20

0.45

5.67

Recommended PCB Layout
Tolerance +0.05mm

- 1.1 Frequency Range:
DC~3GHz
- 1.2 Operating Humidity:
35%~85%RH
- 1.3 Operation Temperature:
-40°C ~ +85°C
- 1.4 Impedance: 50Ω
- 1.5 Voltage Standing Wave Ratio:
1.5 Max (DC~3GHz)
- 1.6 Insertion Loss:
-0.5dB Max (DC~3GHz)
- 1.7 Isolation:
-10dB Min (DC~3GHz)
- 1.8 Voltage Rating: 335V AC (R.M.S)
- 1.9 Insulation Resistance:
5000 MΩ
- 2.0 Withstanding Voltage:
1000V AC/1Min

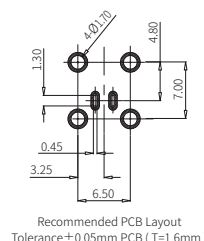
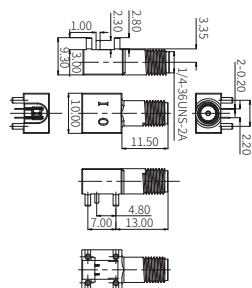
SMA Switch Connector, R/A, Jack, DIP Type with Switch

P/N: 818012207

● Outline Dimensions

● PCB Layout

● Technology Parameters



- 1.1 Frequency Range:
DC~3GHz
- 1.2 Operating Humidity:
35%~85%R.H
- 1.3 Operation Temperature:
-40°C ~ +85°C
- 1.4 Impedance: 50Ω
- 1.5 Voltage Standing Wave Ratio:
1.5 Max (DC~3GHz)
- 1.6 Insertion Loss:
-0.5dB Max (DC~3GHz)
- 1.7 Isolation:
-10dB Min (DC~3GHz)
- 1.8 Voltage Rating: 335V AC (R.M.S)
- 1.9 Insulation Resistance:
5000MΩ
- 2.0 Withstanding Voltage:
1000V AC/1Min

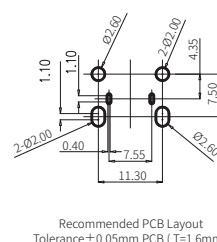
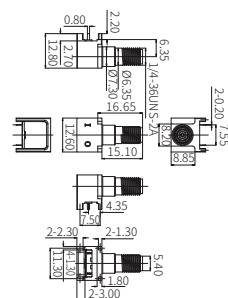
SMA RF Switch Connector, R/A, Jack, DIP Type with Switch, 6G

P/N: 818011750

● Outline Dimensions

● PCB Layout

● Technology Parameters



- 1.1 Frequency Range:
DC~6GHz
- 1.2 Operating Humidity:
35%~85%R.H
- 1.3 Operation Temperature:
-40°C ~ +85°C
- 1.4 Impedance: 50Ω
- 1.5 Voltage Standing Wave Ratio:
1.6 Max (DC~6GHz)
- 1.6 Insertion Loss:
-0.8dB Max (DC~6GHz)
- 1.7 Isolation:
-10dB Min (DC~6GHz)
- 1.8 Voltage Rating: 100V AC (R.M.S)
- 1.9 Insulation Resistance:
5000MΩ
- 2.0 Withstanding Voltage:
150V AC/1Min

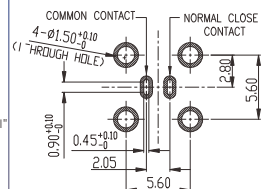
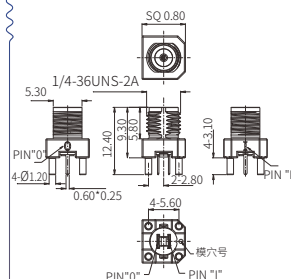
SMA RF Switch Connector.V/T,Jack, DIP Type with Switch

P/N: 818020003

● Outline Dimensions

● PCB Layout

● Technology Parameters



- 1.1 Frequency Range:
DC~6GHz
- 1.2 Operating Humidity:
35%~85%R.H
- 1.3 Operation Temperature:
-40°C ~ +85°C
- 1.4 Impedance: 50Ω
- 1.5 Voltage Standing Wave Ratio:
1.6 Max (DC~6GHz)
- 1.6 Insertion Loss:
-0.8dB Max (DC~6GHz)
- 1.7 Isolation:
-10dB Min (DC~6GHz)
- 1.8 Voltage Rating: 100V AC (R.M.S)
- 1.9 Insulation Resistance:
5000MΩ
- 2.0 Withstanding Voltage:
150V AC/1Min

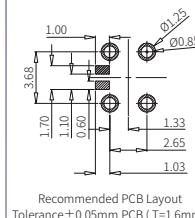
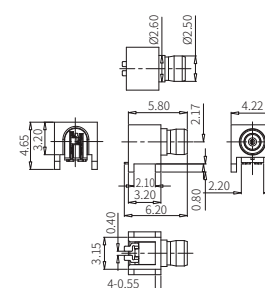
RSJB RF Switch Connector, R/A with Switch

P/N: 818011213

● Outline Dimensions

● PCB Layout

● Technology Parameters



- 1.1 Frequency Range:
DC~3GHz
- 1.2 Operating Humidity:
35%~85%R.H
- 1.3 Operation Temperature:
-40°C ~ +85°C
- 1.4 Impedance: 50Ω
- 1.5 Voltage Standing Wave Ratio:
1.5 Max (DC~3GHz)
- 1.6 Insertion Loss:
-0.6dB Max (DC~3GHz)
- 1.7 Isolation:
-10dB Min (DC~3GHz)
- 1.8 Voltage Rating:
100V AC (R.M.S)
- 1.9 Insulation Resistance:
1000MΩ
- 2.0 Withstanding Voltage:
150V AC/1Min

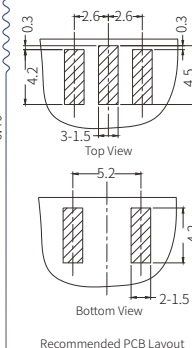
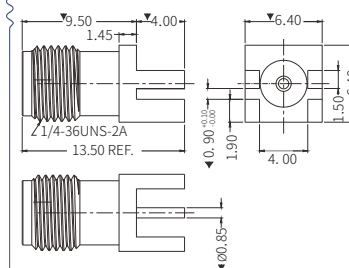
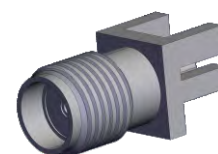
SMA PCB Connector, 0.8mm THICK PCB Edge

P/N: 818042091

● 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: ≤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

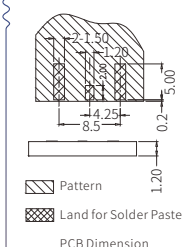
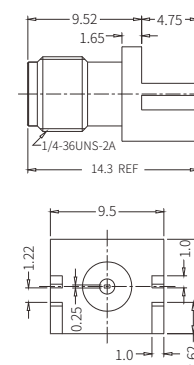
SMA PCB Connector, 1.2mm Thick PCB

P/N: 818029084

● Outline Dimensions

● PCB Layout

● 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: ≤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

P/N: 818016437

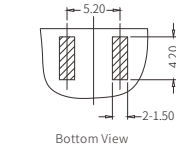
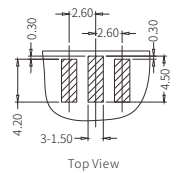
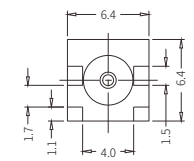
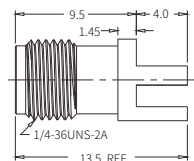
● Outline Dimensions

● 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

P/N: 818023094

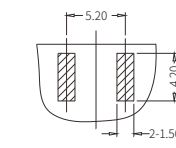
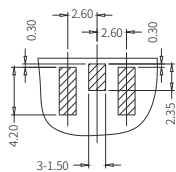
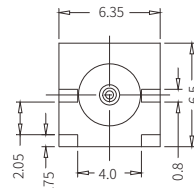
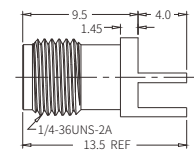
● Outline Dimensions

● 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

P/N: 818018238

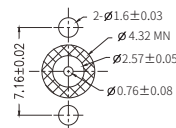
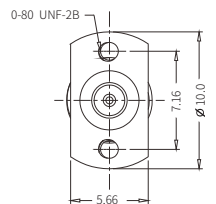
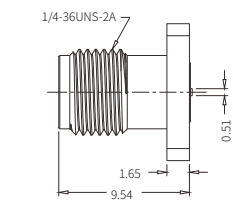
● Outline Dimensions

● 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

P/N: 818035797

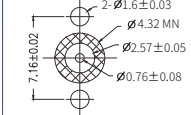
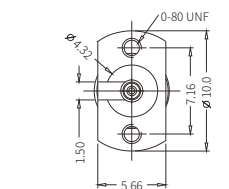
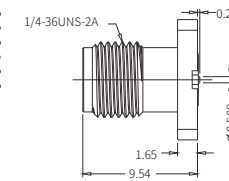
● Outline Dimensions

● 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

P/N: 818035798

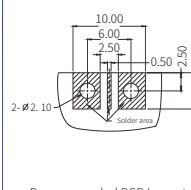
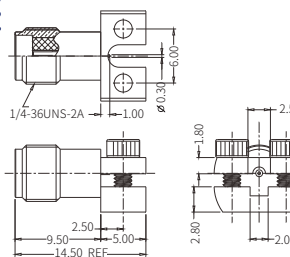
● Outline Dimensions

● 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

P/N: 818024924

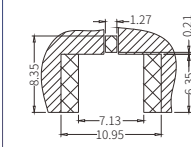
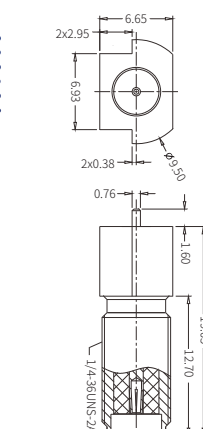
● Outline Dimensions

● PCB Layout

● Technology Parameters



PCB	Part No.
End Launch	818024924



Recommended PCB Layout

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

P/N: 818002778

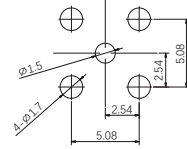
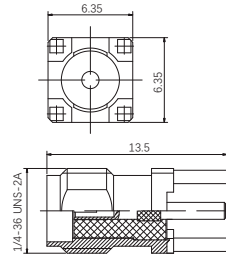
● Outline Dimensions

● PCB Layout

● Technology Parameters



PCB	Part No.
through Hole	818002778



Electrical Performance

- 1.1 Impedance: 50Ω
- 1.2 Insulation Resistance: $\geq 5000\text{M}\Omega$
- 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: $-40^\circ\text{C} \sim +105^\circ\text{C}$

Materials

- 1.7 Outside the shielding Shell: Zinc Alloy
- 1.8 Insulator: PTFE
- 1.9 Center Contact: Copper Alloy

SMA PCB Connector, PCB through Hole

P/N: 818002020

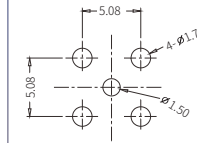
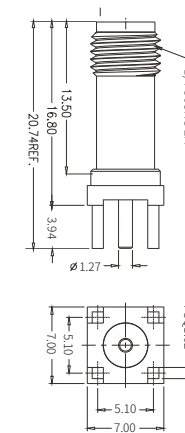
● Outline Dimensions

● PCB Layout

● Technology Parameters



PCB	Part No.
through Hole	818002020



Electrical Performance

- 1.1 Impedance: 50Ω $\pm 5\Omega$
- 1.2 Frequency: DC to 6 GHz
- 1.3 VSWR: ≤ 1.4
- 1.4 Insertion Loss: $\leq 0.1 \times \sqrt{f(\text{GHz})}$ dB
- 1.5 Center Contact Resistance: $\leq 3 \text{ m}\Omega$
- 1.6 Outer Contact Resistance: $\leq 2 \text{ m}\Omega$
- 1.7 Voltage Rating: 335 V DC
- 1.8 Insulation Resistance: $>5000\text{M}\Omega$

Mechanical Performance

- 1.9 Mechanical Durability: ≥ 500
- 2.0 Coupling Mechanism: Threaded
- 2.1 Interface Specification: MIL-STD-348
- 2.2 Operation Temperature: $-65^\circ\text{C} \sim +165^\circ\text{C}$

Materials

- 2.3 Body: Brass C3604
- 2.4 Insulator: PTFE
- 2.5 Center Contact: Beryllium Copper

SMA PCB Connector, PCB through Hole

P/N: 818016386

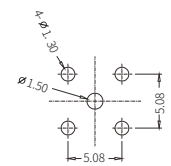
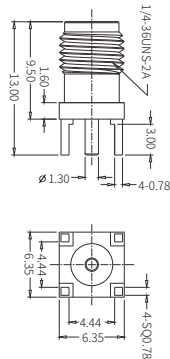
● Outline Dimensions

● PCB Layout

● Technology Parameters



PCB	Part No.
through Hole	818016386



Recommended PCB Layout

Electrical Performance

- 1.1 Impedance: 50Ω $\pm 5\Omega$
- 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: $\leq 3 \text{ m}\Omega$
- 1.6 Outer Contact Resistance: $\leq 2 \text{ m}\Omega$
- 1.7 Voltage Rating: 335 V DC
- 1.8 Insulation Resistance: $>5000\text{M}\Omega$

Mechanical Performance

- 1.9 Mechanical Durability: ≥ 500
- 2.0 Coupling Mechanism: Threaded
- 2.1 Interface Specification: MIL-STD-348
- 2.2 Operation Temperature: $-65^\circ\text{C} \sim +165^\circ\text{C}$

Materials

- 2.3 Body: Brass C3604
- 2.4 Insulator: PTFE
- 2.5 Center Contact: Beryllium Copper

SMA PCB Connector, PCB through Hole

P/N: 818018727

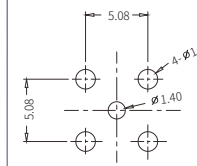
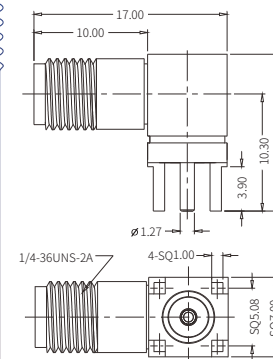
● Outline Dimensions

● PCB Layout

● Technology Parameters



PCB	Part No.
through Hole	818018727



Electrical Performance

- 1.1 Impedance: 50Ω $\pm 5\Omega$
- 1.2 Frequency: DC to 6 GHz
- 1.3 VSWR: ≤ 1.35
- 1.4 Insertion Loss: $\leq 0.1 \times \sqrt{f(\text{GHz})}$ dB
- 1.5 Center Contact Resistance: $\leq 3 \text{ m}\Omega$
- 1.6 Outer Contact Resistance: $\leq 2 \text{ m}\Omega$
- 1.7 Voltage Rating: 335 V DC
- 1.8 Insulation Resistance: $>5000\text{M}\Omega$

Mechanical Performance

- 1.9 Mechanical Durability: ≥ 500
- 2.0 Coupling Mechanism: Threaded
- 2.1 Interface Specification: MIL-STD-348
- 2.2 Operation Temperature: $-65^\circ\text{C} \sim +165^\circ\text{C}$

Materials

- 2.3 Body: Brass C3604
- 2.4 Insulator: PTFE
- 2.5 Center Contact: Beryllium Copper

SMA PCB Connector, PCB through Hole

P/N: 81800U245

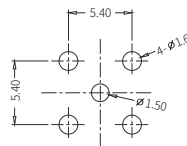
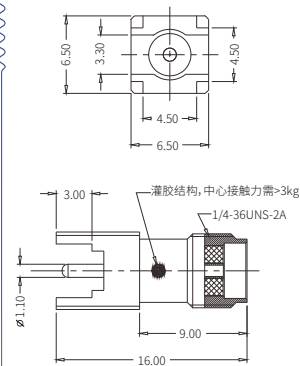
● Outline Dimensions

● PCB Layout

● Technology Parameters



PCB	Part No.
through Hole	81800U245



Electrical Performance

- 1.1 Impedance: 50Ω $\pm 5\Omega$
- 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: $\leq 3 \text{ m}\Omega$
- 1.6 Outer Contact Resistance: $\leq 2 \text{ m}\Omega$
- 1.7 Voltage Rating: 335 V DC
- 1.8 Insulation Resistance: $>5000\text{M}\Omega$

Mechanical Performance

- 1.9 Mechanical Durability: ≥ 500
- 2.0 Coupling Mechanism: Threaded
- 2.1 Interface Specification: MIL-STD-348
- 2.2 Operation Temperature: $-65^\circ\text{C} \sim +165^\circ\text{C}$

Materials

- 2.3 Body: Brass C3604
- 2.4 Insulator: PTFE
- 2.5 Center Contact: Beryllium Copper

SMA PCB Connector, PCB through Hole

P/N: 818026350

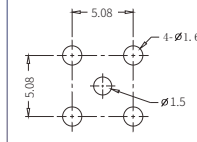
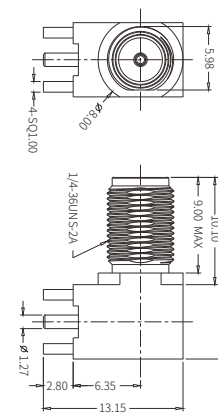
● Outline Dimensions

● PCB Layout

● Technology Parameters



PCB	Part No.
through Hole	818026350



Electrical Performance

- 1.1 Impedance: 50Ω $\pm 5\Omega$
- 1.2 Frequency: DC to 6 GHz
- 1.3 VSWR: ≤ 1.3
- 1.4 Insertion Loss: $\leq 0.1 \times \sqrt{f(\text{GHz})}$ dB
- 1.5 Center Contact Resistance: $\leq 3 \text{ m}\Omega$
- 1.6 Outer Contact Resistance: $\leq 2 \text{ m}\Omega$
- 1.7 Voltage Rating: 335 V DC
- 1.8 Insulation Resistance: $>5000\text{M}\Omega$

Mechanical Performance

- 1.9 Mechanical Durability: ≥ 500
- 2.0 Coupling Mechanism: Threaded
- 2.1 Interface Specification: MIL-STD-348
- 2.2 Operation Temperature: $-65^\circ\text{C} \sim +165^\circ\text{C}$

Materials

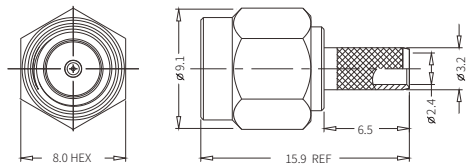
- 2.3 Body: Brass C3604
- 2.4 Insulator: PTFE
- 2.5 Center Contact: Beryllium Copper

SMA Cable Connector, 302-3

P/N: 818035805

● 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

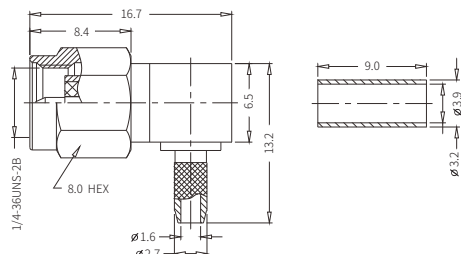
- 2.3 Body: Brass C3604
- 2.4 Insulator: PTFE
- 2.5 Center Contact: Brass C3604

SMA Cable Connector, RG174, RG316, LMR100

P/N: 818035806

● 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
- 1.4 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

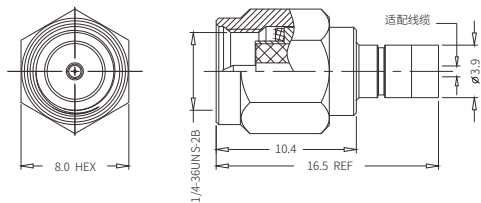
- 2.3 Body: Brass C3604
- 2.4 Insulator: PTFE
- 2.5 Center Contact: Brass C3604

SMA Cable Connector, 0.81, 1.13, 1.37, RG178

P/N: 818034528

● 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

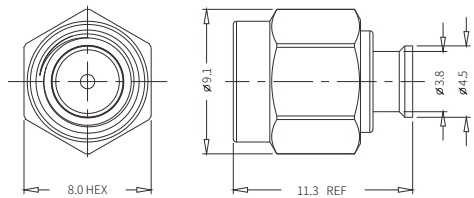
- 2.3 Body: Brass C3604
- 2.4 Insulator: PTFE
- 2.5 Center Contact: Brass C3604

SMA Cable Connector, 086, RG405

P/N: 818035807

● 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: >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

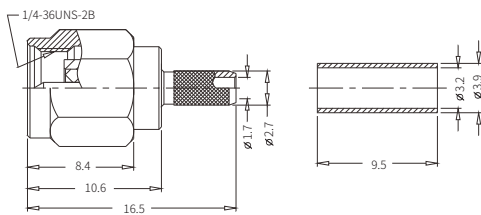
- 2.3 Body: Brass C3604
- 2.4 Insulator: PTFE
- 2.5 Center Contact: Brass C3604

SMA Cable Connector, RG174, RG316, LMR100

P/N: 818002873

● 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

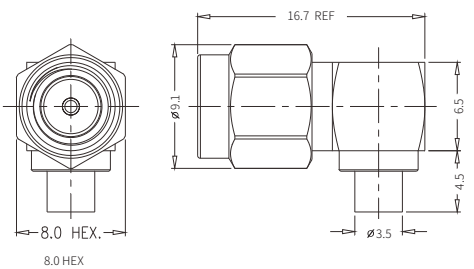
- 2.3 Body: Brass C3604
- 2.4 Insulator: PTFE
- 2.5 Center Contact: Brass C3604

SMA Cable Connector, 086, RG405

P/N: 818035808

● 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: >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

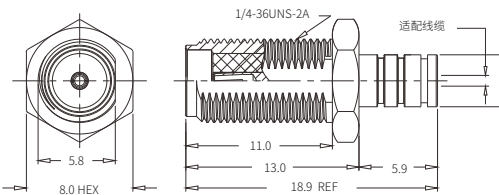
P/N: 818016758

● 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: >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

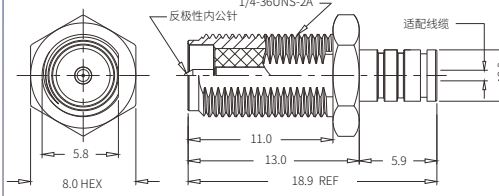
P/N: 818033551

● 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

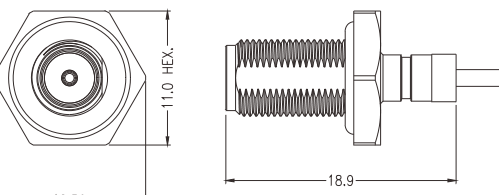
P/N: 818038940

● 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-SMA Cable Connector,Waterproof, 0.81

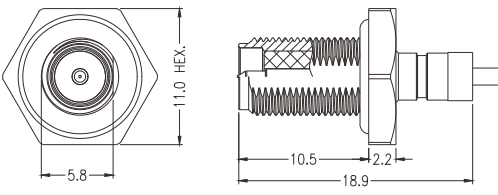
P/N: 818038944

● 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

SMA Cable Connector, Waterproof, 0.81, 1.13, 1.37, RG178

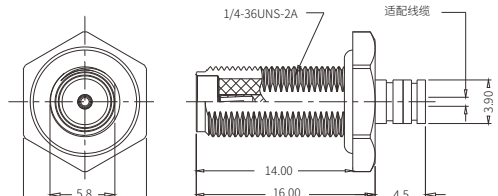
P/N: 818033552

● 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

SMA Cable Connector, Waterproof, 0.81

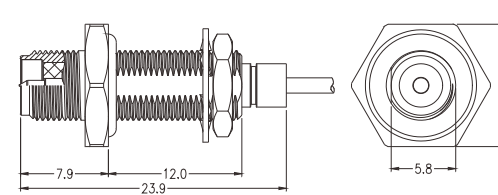
P/N: 818038974

● Outline Dimensions

● Technology Parameters



Apply Cable	Part No.
0.81	818038974
1.13	818038975
1.37	818038976
RG178	818038977



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

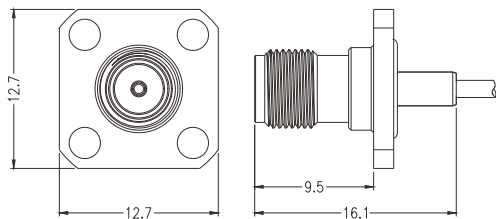
2.4 Body: Brass C3604
2.5 Insulator: PTFE
2.6 Center Contact: Brass C3604

SMA Cable Connector,1.37

P/N: 81047211

● Outline Dimensions

● Technology Parameters



PCB	Part No.
1.37	818047211

- 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

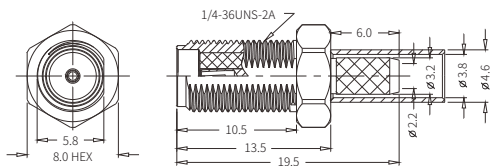
- Materials**
- 2.3 Body: Brass C3604
 - 2.4 Insulator: PTFE
 - 2.5 Center Contact: Beryllium Copper

SMA Cable Connector, 302-3

P/N: 818032317

● Outline Dimensions

● Technology Parameters



Apply Cable	Part No.
302-3 Cable	818032317

- 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

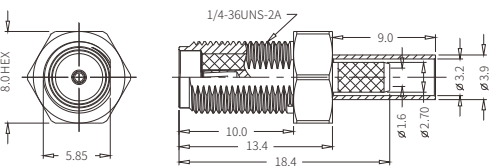
- Materials**
- 2.3 Body: Brass C3604
 - 2.4 Insulator: PTFE
 - 2.5 Center Contact: Beryllium Copper

SMA Cable Connector, RG174, RG316, LMR100

P/N: 818034160

● Outline Dimensions

● Technology Parameters



Apply Cable	Part No.
RG174	818034160
RG316	
LMR100	

- 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

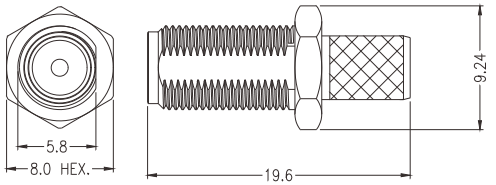
- Materials**
- 2.3 Body: Brass C3604
 - 2.4 Insulator: PTFE
 - 2.5 Center Contact: Beryllium Copper

SMA Cable Connector, RG58, LMR195

P/N: 81047212

● Outline Dimensions

● Technology Parameters



Apply Cable	Part No.
RG58	81047212
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: >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 C5440

SSMA Cable Connector, 0.81, 1.13, 1.37, RG178

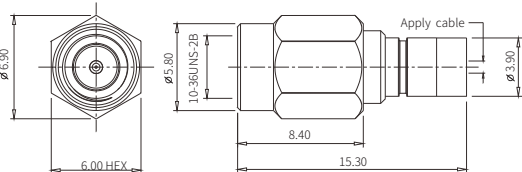
P/N: 818035822

● 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 +/-50
- 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

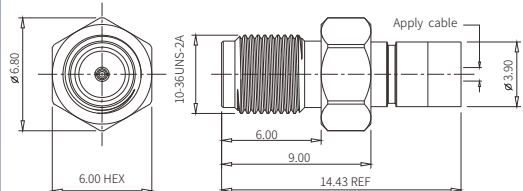
P/N: 818035818

● 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 +/-50
- 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

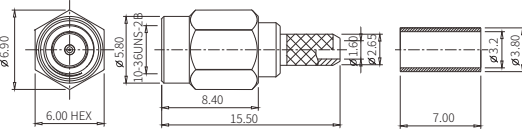
P/N: 818035827

● Outline Dimensions

● Technology Parameters



Apply Cable	Part No.
RG74	818035827
RG316	
LMR100	



Electrical Performance

- 1.1 Impedance: 50Ω +/-50
- 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

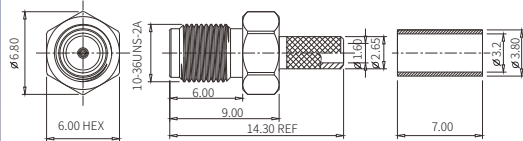
P/N: 818035826

● Outline Dimensions

● Technology Parameters



Apply Cable	Part No.
RG174	818035826
RG316	
LMR100	



Electrical Performance

- 1.1 Impedance: 50Ω +/-50
- 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

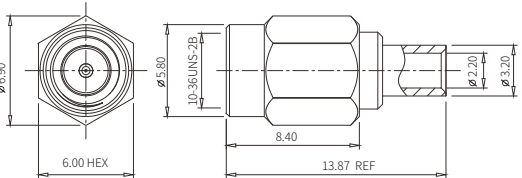
P/N: 818035830

● Outline Dimensions

● Technology Parameters



Apply Cable	Part No.
670-086	818035830
RG405	



Electrical Performance

- 1.1 Impedance: 50Ω +/-50
- 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

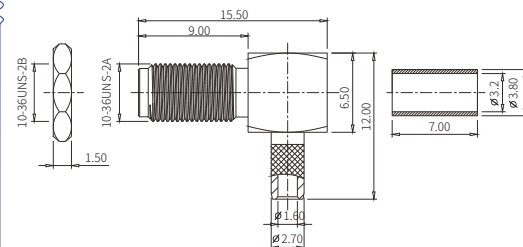
P/N: 818035828

● Outline Dimensions

● Technology Parameters



Apply Cable	Part No.
RG174	818035828
RG316	
LMR100	



Electrical Performance

- 1.1 Impedance: 50Ω +/-50
- 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

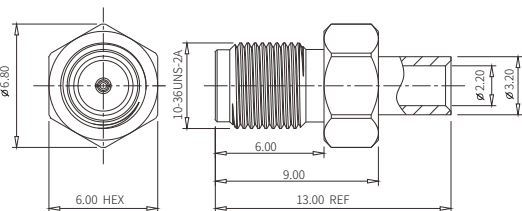
- 2.3 Body: Brass C3604
- 2.4 Insulator: PTFE
- 2.5 Center Contact: Brass C3604

SSMA Cable Connector, 086, RG405

P/N: 818035829

● 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

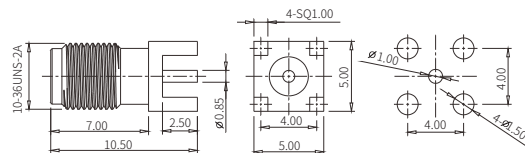
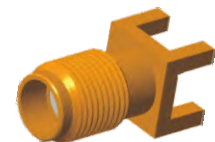
Materials
2.3 Body: Brass C3604
2.4 Insulator: PTFE
2.5 Center Contact: Phosphor Bronze C5440

SSMA PCB Connector, PCB through Hole

P/N: 818032500

● 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

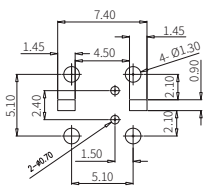
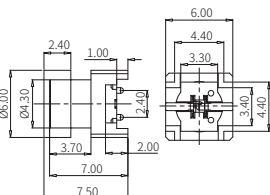
MCX RF Switch Connector, V/T with Switch

P/N: 818011066

● Outline Dimensions

● PCB Layout

● Technology Parameters



Recommended PCB Layout
Tolerance ±0.05mm, PCB (T=1.6mm)

1.1 Frequency Range: DC~3GHz
1.2 Operating Humidity: 35%~85%R.H
1.3 Operation Temperature: -40°C ~ +85°C
1.4 Impedance: 50Ω
1.5 Voltage Standing Wave Ratio: 1.3 Max (DC~3GHz)
1.6 Insertion Loss: -0.5dB Max (DC~3GHz)
1.7 Voltage Rating: 250V AC (R.M.S)
1.8 Insulation Resistance: 5000MΩ
1.9 Withstanding Voltage: 1000V AC/1Min

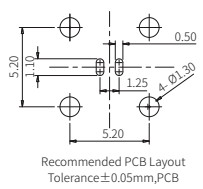
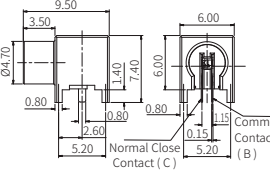
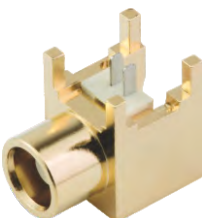
MCX RF Switch Connector, R/A with Switch

P/N: 818012238

● Outline Dimensions

● PCB Layout

● Technology Parameters



Recommended PCB Layout
Tolerance ±0.05mm, PCB

1.1 Frequency Range: DC~3GHz
1.2 Operating Humidity: 35%~85%R.H
1.3 Operation Temperature: -40°C ~ +85°C
1.4 Impedance: 50Ω
1.5 Voltage Standing Wave Ratio: 1.5 Max (DC~6GHz)
1.6 Insertion Loss: -0.5dB Max (DC~6GHz)
1.7 Isolation: -10dB Min (DC~6GHz)
1.8 Voltage Rating: 250V AC (R.M.S)
1.9 Insulation Resistance: 5000MΩ
2.0 Withstanding Voltage: 1000V AC/1Min

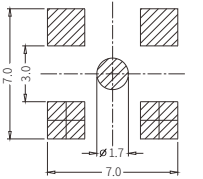
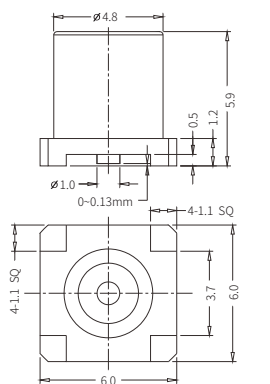
MCX PCB Connector, PCB Surface Mount

P/N: 818017648

● Outline Dimensions

● PCB Layout

● Technology Parameters



Recommended PCB Layout
Tolerance ±0.05 (Top View)

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 in
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

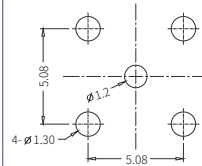
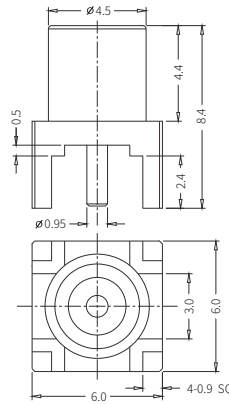
MCX PCB Connector, PCB through Hole

P/N: 818017938

● 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: 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: $\leq 5 \text{ m}\Omega$
- 1.6 Outer Contact Resistance: $\leq 1 \text{ m}\Omega$
- 1.7 Voltage Rating: 225 V DC
- 1.8 Insulation Resistance: $>1000 \text{ M}\Omega$

Mechanical Performance

- 1.9 Mechanical Durability: ≥ 500
- 2.0 Coupling Mechanism: push in
- 2.1 Interface Specification: CECC 22220
- 2.2 Operation Temperature: $-65^\circ\text{C} - +165^\circ\text{C}$

Materials

- 2.3 Body: Brass C3604
- 2.4 Insulator: PTFE
- 2.5 Center Contact: Beryllium Copper

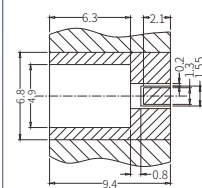
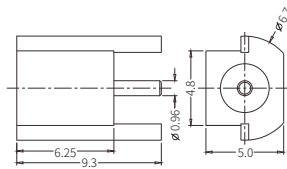
MCX PCB Connector, PCB Surface Mount

P/N: 818025236

● 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: DC to 6 GHz
- 1.3 VSWR: ≤ 1.50
- 1.4 Insertion Loss: $\leq 0.1 \times \sqrt{f(\text{GHz})}$ dB
- 1.5 Center Contact Resistance: $\leq 5 \text{ m}\Omega$
- 1.6 Outer Contact Resistance: $\leq 1 \text{ m}\Omega$
- 1.7 Voltage Rating: 225 V DC
- 1.8 Insulation Resistance: $>1000 \text{ M}\Omega$

Mechanical Performance

- 1.9 Mechanical Durability: ≥ 500
- 2.0 Coupling Mechanism: push in
- 2.1 Interface Specification: CECC 22220
- 2.2 Operation Temperature: $-65^\circ\text{C} - +165^\circ\text{C}$

Materials

- 2.3 Body: Brass C3604
- 2.4 Insulator: PTFE
- 2.5 Center Contact: Beryllium Copper

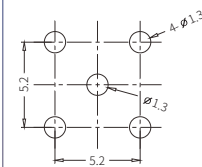
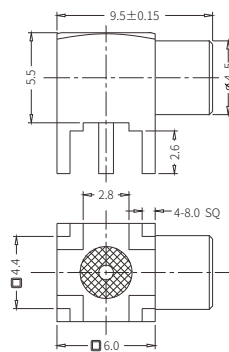
MCX PCB Connector, PCB through Hole

P/N: 818023436

● 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: DC to 6 GHz
- 1.3 VSWR: ≤ 1.50
- 1.4 Insertion Loss: $\leq 0.1 \times \sqrt{f(\text{GHz})}$ dB
- 1.5 Center Contact Resistance: $\leq 5 \text{ m}\Omega$
- 1.6 Outer Contact Resistance: $\leq 1 \text{ m}\Omega$
- 1.7 Voltage Rating: 225 V DC
- 1.8 Insulation Resistance: $>1000 \text{ M}\Omega$

Mechanical Performance

- 1.9 Mechanical Durability: ≥ 500
- 2.0 Coupling Mechanism: push in
- 2.1 Interface Specification: CECC 22220
- 2.2 Operation Temperature: $-65^\circ\text{C} - +165^\circ\text{C}$

Materials

- 2.3 Body: Brass C3604
- 2.4 Insulator: PTFE
- 2.5 Center Contact: Beryllium Copper

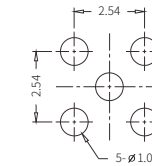
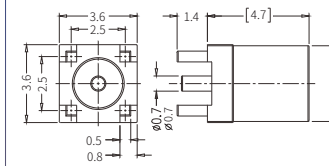
MMCX PCB Connector, PCB through Hole

P/N: 818014219

● 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: DC to 6 GHz
- 1.3 VSWR: ≤ 1.50
- 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: $\leq 5 \text{ m}\Omega$
- 1.7 Voltage Rating: 170 V DC
- 1.8 Insulation Resistance: $>500 \text{ M}\Omega$

Mechanical Performance

- 1.9 Mechanical Durability: ≥ 500
- 2.0 Coupling Mechanism: Push-On
- 2.1 Interface Specification: CECC 22220
- 2.2 Operation Temperature: $-40^\circ\text{C} - +90^\circ\text{C}$

Materials

- 2.3 Body: Brass C3604
- 2.4 Insulator: PTFE
- 2.5 Center Contact: Phosphor Bronze C5440

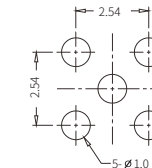
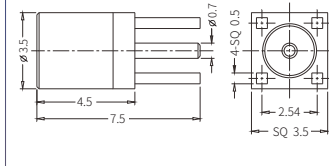
MMCX PCB Connector, PCB through Hole

P/N: 818024894

● 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: DC to 6 GHz
- 1.3 VSWR: ≤ 1.50
- 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: $\leq 5 \text{ m}\Omega$
- 1.7 Voltage Rating: 170 V DC
- 1.8 Insulation Resistance: $>500 \text{ M}\Omega$

Mechanical Performance

- 1.9 Mechanical Durability: ≥ 500
- 2.0 Coupling Mechanism: Push-On
- 2.1 Interface Specification: CECC 22220
- 2.2 Operation Temperature: $-40^\circ\text{C} - +90^\circ\text{C}$

Materials

- 2.3 Body: Brass C3604
- 2.4 Insulator: PTFE
- 2.5 Center Contact: Beryllium Copper

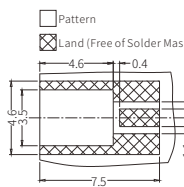
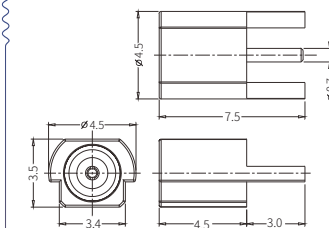
MMCX PCB Connector, PCB Surface Mount

P/N: 818017965

● 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: DC to 6 GHz
- 1.3 VSWR: ≤ 1.50
- 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: $\leq 5 \text{ m}\Omega$
- 1.7 Voltage Rating: 170 V DC
- 1.8 Insulation Resistance: $>500 \text{ M}\Omega$

Mechanical Performance

- 1.9 Mechanical Durability: ≥ 500
- 2.0 Coupling Mechanism: Push-On
- 2.1 Interface Specification: CECC 22220
- 2.2 Operation Temperature: $-40^\circ\text{C} - +90^\circ\text{C}$

Materials

- 2.3 Body: Brass C3604
- 2.4 Insulator: PTFE
- 2.5 Center Contact: Phosphor Bronze C5440

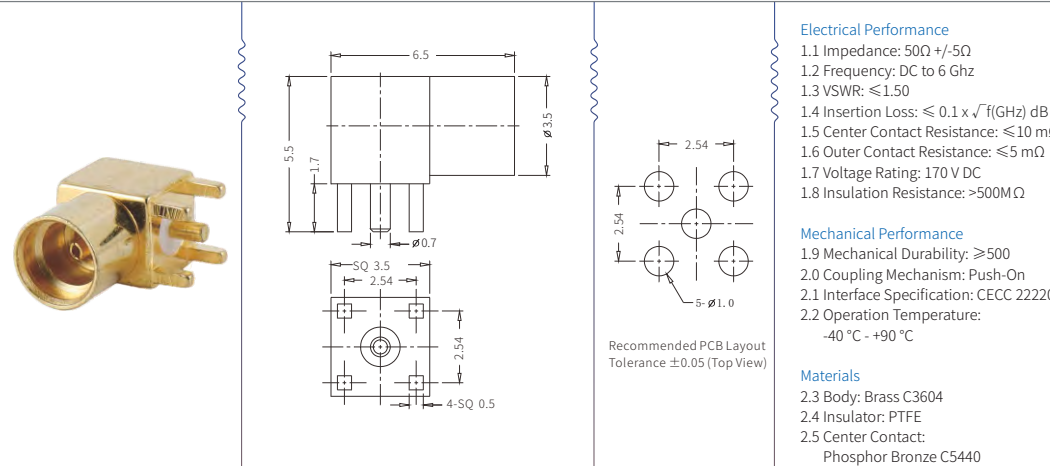
MMCX PCB Connector, PCB through Hole

P/N: 818010937

● Outline Dimensions

● PCB Layout

● Technology Parameters

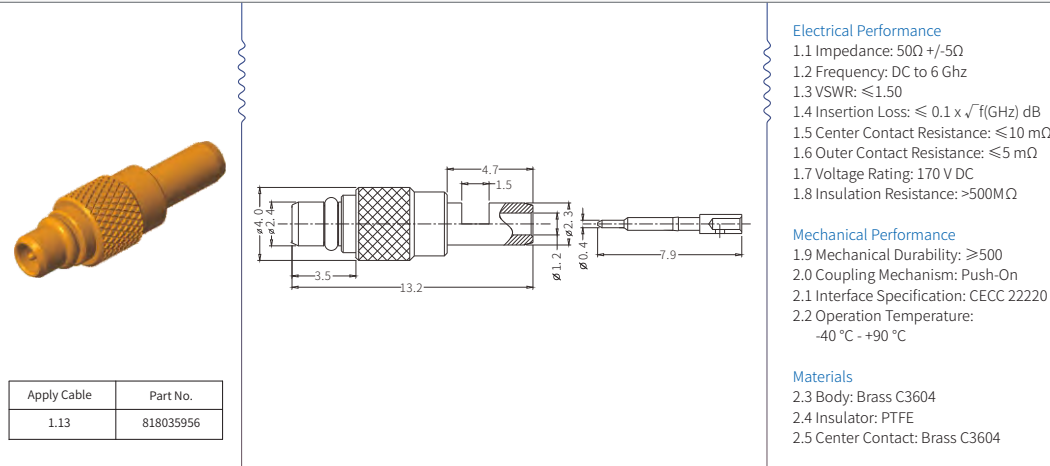


MMCX Cable Connector, 1.13

P/N: 818035956

● Outline Dimensions

● Technology Parameters

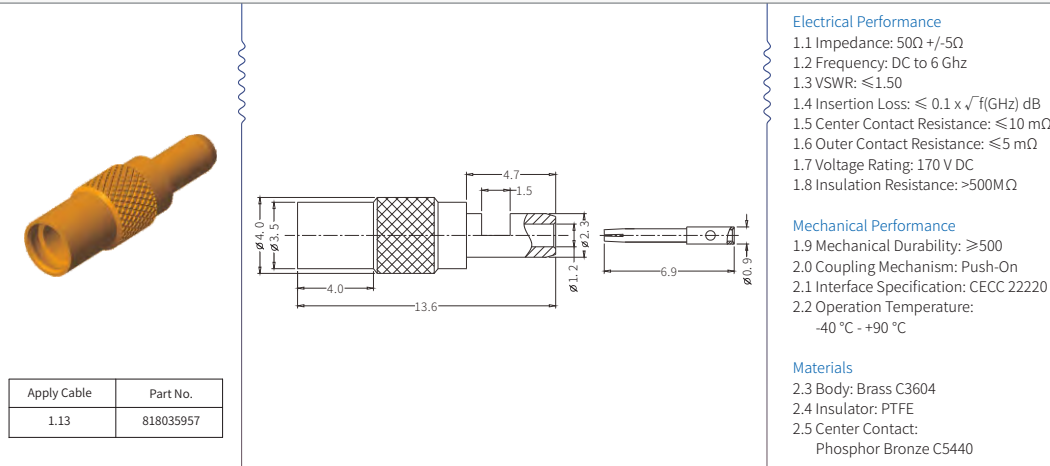


MMCX Cable Connector, 1.13

P/N: 818035957

● Outline Dimensions

● Technology Parameters

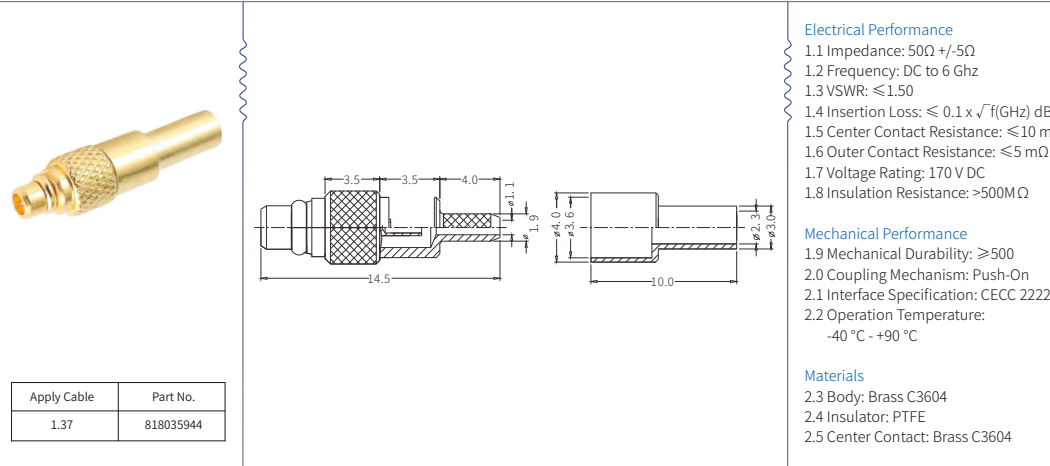


MMCX Cable Connector, 1.37

P/N: 818035944

● Outline Dimensions

● Technology Parameters

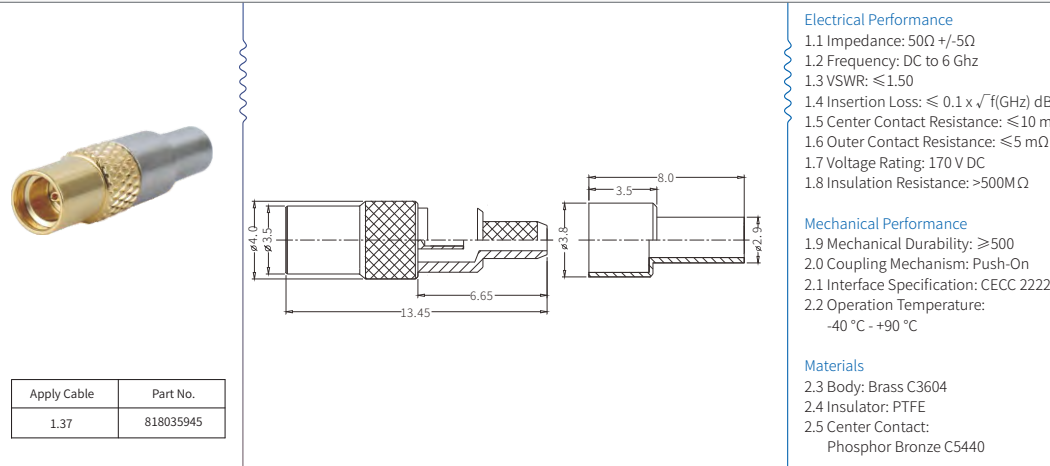


MMCX Cable Connector, 1.37

P/N: 818035945

● Outline Dimensions

● Technology Parameters

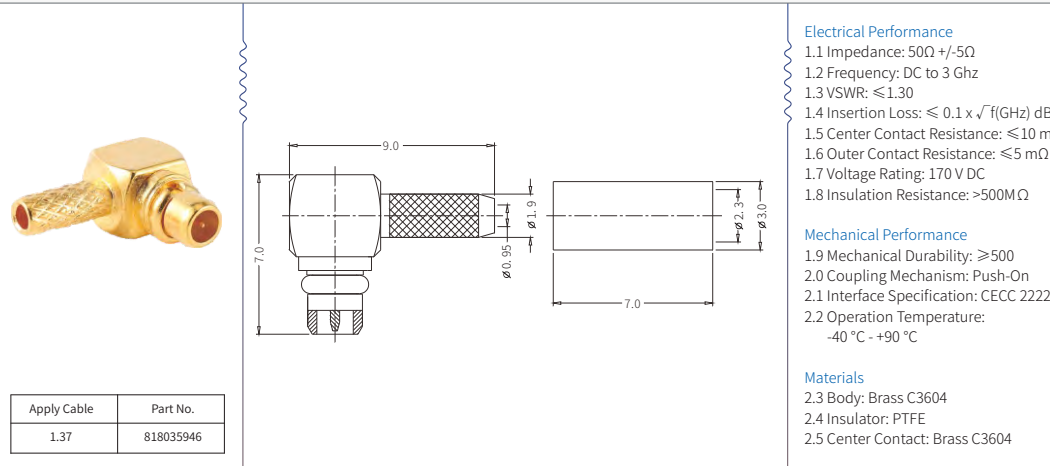


MMCX Cable Connector, 1.37

P/N: 818035946

● Outline Dimensions

● Technology Parameters

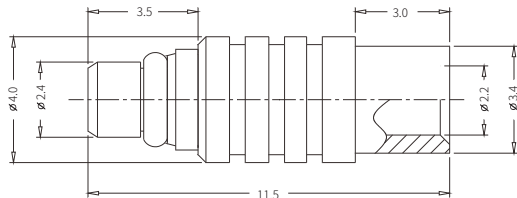


MMCX Cable Connector, 086, RG405

P/N: 818035947

● Outline Dimensions

● Technology Parameters



Apply Cable	Part No.
067-086	818035947
RG405	

- 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: ≤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

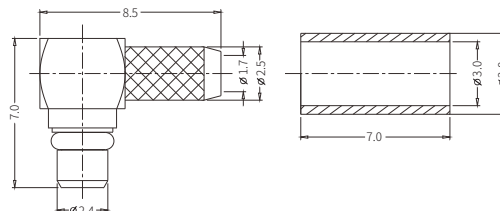
- Materials**
- 2.3 Body: Brass C3604
 - 2.4 Insulator: PTFE
 - 2.5 Center Contact: Brass C3604

MMCX Cable Connector, RG174, RG316, LMR100

P/N: 818035949

● Outline Dimensions

● Technology Parameters



Apply Cable	Part No.
RG174	818035949
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: ≤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

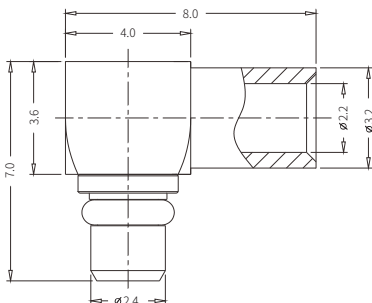
- Materials**
- 2.3 Body: Brass C3604
 - 2.4 Insulator: PTFE
 - 2.5 Center Contact: Brass C3604

MMCX Cable Connector, 086, RG405

P/N: 818035948

● Outline Dimensions

● Technology Parameters



Apply Cable	Part No.
067-086	818035948
RG405	

- 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: ≤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

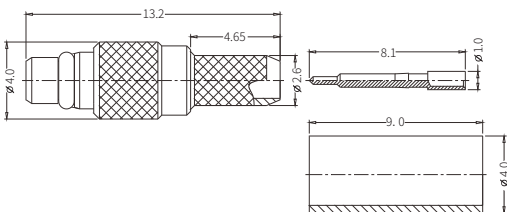
- Materials**
- 2.3 Body: Brass C3604
 - 2.4 Insulator: PTFE
 - 2.5 Center Contact: Brass C3604

MMCX Cable Connector, RG174, RG316, LMR100

P/N: 818012442

● Outline Dimensions

● Technology Parameters



Apply Cable	Part No.
RG174	818012442
RG316	
LMR100	

- Electrical Performance**
- 1.1 Impedance: 50Ω +/-5Ω
 - 1.2 Frequency: DC to 3 Ghz
 - 1.3 VSWR: ≤1.30
 - 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

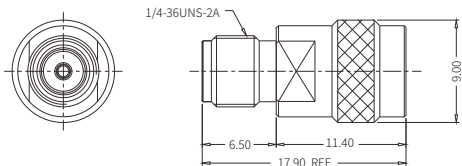
- Materials**
- 2.3 Body: Brass C3604
 - 2.4 Insulator: PTFE
 - 2.5 Center Contact: Brass C3604

SMA Female to SMA Male Adapter(Quick-Connect)

P/N: 818023604

● Outline Dimensions

● Technology Parameters



Adapter	Part No.
Quick-Connect	818023604

- 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

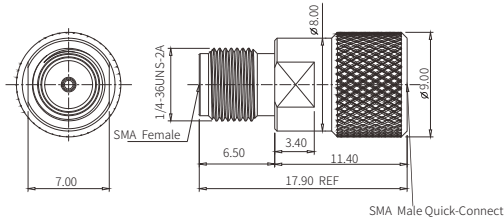
- Materials**
- 2.3 Body: Brass C3604
 - 2.4 Insulator: PTFE
 - 2.5 Center Contact: Beryllium Copper

SMA Female to SSMA Male Adapter(Quick-Connect)

P/N: 818035832

● 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

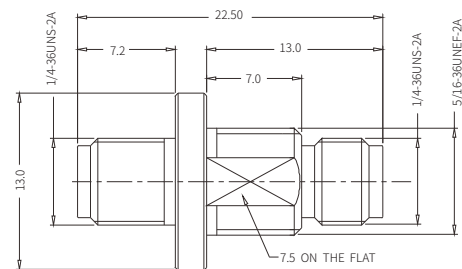
- Materials**
- 2.3 Body: Brass C3604
 - 2.4 Insulator: PTFE
 - 2.5 Center Contact: Beryllium Copper

SMA Female to SMA Female Adapter

P/N: 81800U772

● Outline Dimensions

● Technology Parameters



Adapter	Part No.
SMA to SMA	81800U772

- 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

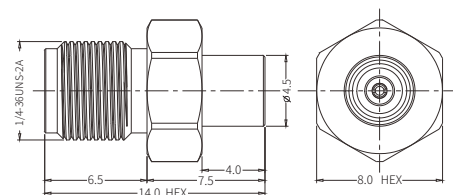
- Materials**
- 2.3 Body: Brass C3604
 - 2.4 Insulator: PTFE
 - 2.5 Center Contact: Beryllium Copper

SMA Female to MCX Female Adapter

P/N: 818035937

● 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 in
 - 2.1 Interface Specification: CECC 22220
 - 2.2 Operation Temperature: -65 °C - +165 °C

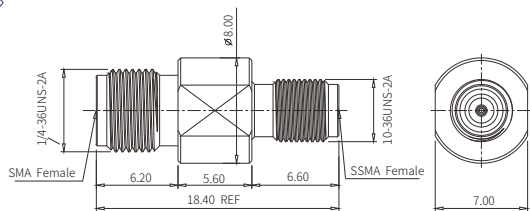
- Materials**
- 2.3 Body: Brass C3604
 - 2.4 Insulator: PTFE
 - 2.5 Center Contact: Beryllium Copper

SMA Female to SSMA Female Adapter

P/N: 818035831

● 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

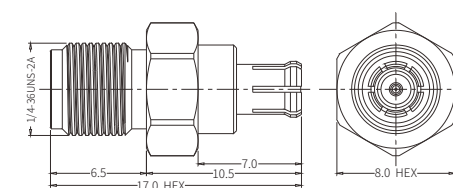
- Materials**
- 2.3 Body: Brass C3604
 - 2.4 Insulator: PTFE
 - 2.5 Center Contact: Beryllium Copper

SMA Female to MCX Male Adapter

P/N: 818035938

● 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 in
 - 2.1 Interface Specification: CECC 22220
 - 2.2 Operation Temperature: -65 °C - +165 °C

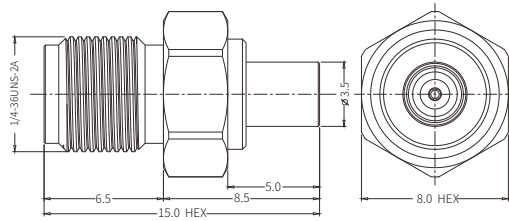
- Materials**
- 2.3 Body: Brass C3604
 - 2.4 Insulator: PTFE
 - 2.5 Center Contact: Beryllium Copper

SMA Female to MCX Female Adapter

P/N: 818035939

● 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: ≤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

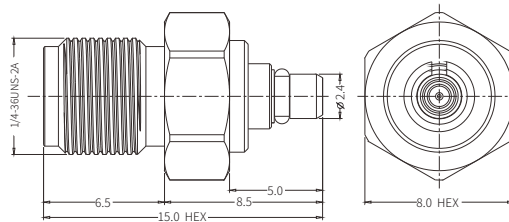
- 2.3 Body: Brass C3604
- 2.4 Insulator: PTFE
- 2.5 Center Contact: Beryllium Copper

SMA Female to MCX Male Adapter

P/N: 818035940

● 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: ≤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

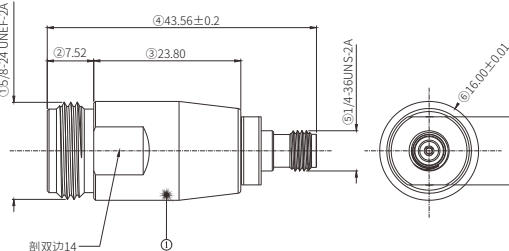
- 2.3 Body: Brass C3604
- 2.4 Insulator: PTFE
- 2.5 Center Contact: Beryllium Copper

3.5mm Female to N Female Adapter

P/N: 818037699

● Outline Dimensions

● Technology Parameters



Electrical Performance

- 1.1 Impedance: 50Ω +/-5Ω
- 1.2 Frequency: DC to 18 GHz
- 1.3 VSWR: ≤1.25
- 1.4 Insertion Loss: ≤ 0.1+0.02*f(GHz)dB
- 1.5 Center Contact Resistance: ≤3 mΩ
- 1.6 Outer Contact Resistance: ≤2 mΩ
- 1.7 Voltage Rating: 500 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 - +90 °C

Materials

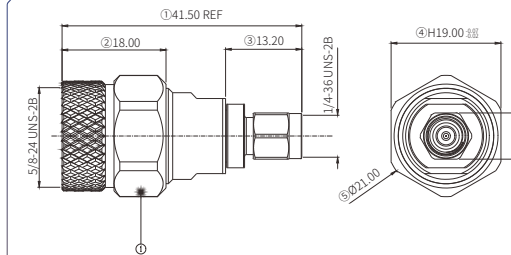
- 2.3 Body: Stainless Steel
- 2.4 Insulator: PEL
- 2.5 Center Contact: Beryllium Copper

3.5mm Male to N Male Adapter

P/N: 818037700

● Outline Dimensions

● Technology Parameters



Electrical Performance

- 1.1 Impedance: 50Ω +/-2Ω
- 1.2 Frequency: DC to 18 GHz
- 1.3 VSWR: ≤1.25
- 1.4 Insertion Loss: ≤ 0.1+0.02*f(GHz)dB
- 1.5 Center Contact Resistance: ≤3 mΩ
- 1.6 Outer Contact Resistance: ≤2 mΩ
- 1.7 Voltage Rating: 500 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

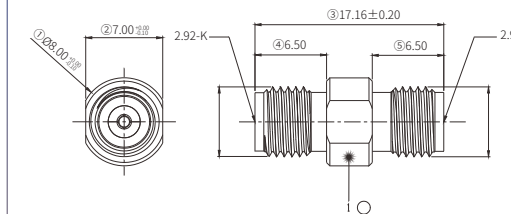
- 2.4 Body: Stainless Steel
- 2.5 Insulator: PEI
- 2.6 Center Contact: Beryllium Copper

2.92mm Female to 2.92mm Female

P/N: 818033466

● Outline Dimensions

● Technology Parameters



Electrical Performance

- 1.1 Impedance: 50Ω +/-2Ω
- 1.2 Frequency: DC to 40 GHz
- 1.3 VSWR: ≤1.2
- 1.4 Insertion Loss: ≤ 0.1+0.02*f(GHz)dB
- 1.5 Center Contact Resistance: ≤3 mΩ
- 1.6 Outer Contact Resistance: ≤2 mΩ
- 1.7 Voltage Rating: 500 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

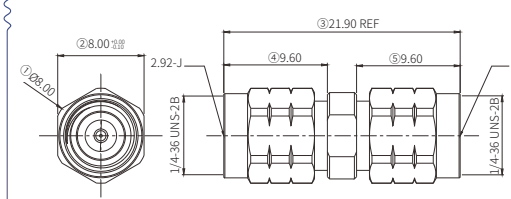
- 2.4 Body: Stainless Steel
- 2.5 Insulator: PEI
- 2.6 Center Contact: Beryllium Copper

2.92mm Male to 2.92mm Male

P/N: 818033467

● Outline Dimensions

● Technology Parameters



Electrical Performance

- 1.1 Impedance: 50Ω +/-2Ω
- 1.2 Frequency: DC to 40 GHz
- 1.3 VSWR: ≤1.2
- 1.4 Insertion Loss: ≤ 0.1+0.02*f(GHz)dB
- 1.5 Center Contact Resistance: ≤3 mΩ
- 1.6 Outer Contact Resistance: ≤2 mΩ
- 1.7 Voltage Rating: 500 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

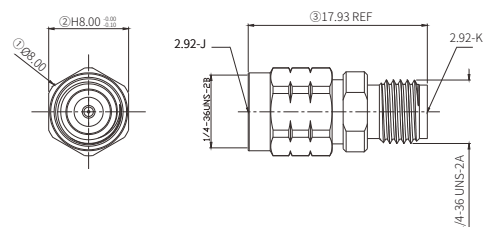
- 2.4 Body: Stainless Steel
- 2.5 Insulator: PEI
- 2.6 Center Contact: Beryllium Copper

2.92mm Male to 2.92mm Female

P/N: 818033468

● Outline Dimensions

● Technology Parameters



Electrical Performance

- 1.1 Impedance: $50\Omega \pm 2\Omega$
- 1.2 Frequency: DC to 40 GHz
- 1.3 VSWR: ≤ 1.2
- 1.4 Insertion Loss: $\leq 0.1 + 0.02 \cdot f(\text{GHz}) \text{ dB}$
- 1.5 Center Contact Resistance: $\leq 3 \text{ m}\Omega$
- 1.6 Outer Contact Resistance: $\leq 2 \text{ m}\Omega$
- 1.7 Voltage Rating: 500 V DC
- 1.8 Insulation Resistance: $> 5000 \text{ M}\Omega$

Mechanical Performance

- 1.9 Mechanical Durability: ≥ 500
- 2.0 Coupling Mechanism: Threaded
- 2.1 Interface Specification: MIL-STD-348
- 2.2 Operation Temperature: $-40^\circ\text{C} \sim +105^\circ\text{C}$

Materials

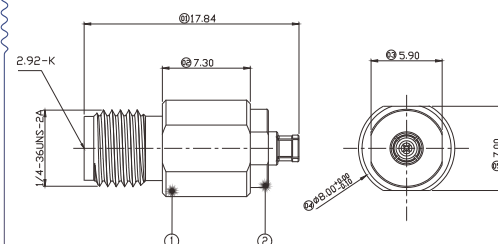
- 2.4 Body: Stainless Steel
- 2.5 Insulator: PEI
- 2.6 Center Contact: Beryllium Copper

2.92mm Female to SMPM Female

P/N: 818033469

● Outline Dimensions

● Technology Parameters



Electrical Performance

- 1.1 Impedance: $50\Omega \pm 2\Omega$
- 1.2 Frequency: DC to 40 GHz
- 1.3 VSWR: ≤ 1.25
- 1.4 Insertion Loss: $\leq 0.1 + 0.02 \cdot f(\text{GHz}) \text{ dB}$
- 1.5 Center Contact Resistance: $\leq 3 \text{ m}\Omega$
- 1.6 Outer Contact Resistance: $\leq 2 \text{ m}\Omega$
- 1.7 Voltage Rating: 500 V DC
- 1.8 Insulation Resistance: $> 5000 \text{ M}\Omega$

Mechanical Performance

- 1.9 Mechanical Durability: ≥ 500
- 2.0 Coupling Mechanism: Threaded
- 2.1 Interface Specification: MIL-STD-348
- 2.2 Operation Temperature: $-40^\circ\text{C} \sim +105^\circ\text{C}$

Materials

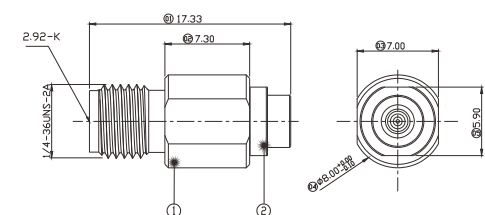
- 2.4 Body: Stainless Steel
- 2.5 Insulator: PEI
- 2.6 Center Contact: Beryllium Copper

2.92mm Female to SMPM Male

P/N: 818033470

● Outline Dimensions

● Technology Parameters



Electrical Performance

- 1.1 Impedance: $50\Omega \pm 2\Omega$
- 1.2 Frequency: DC to 40 GHz
- 1.3 VSWR: ≤ 1.25
- 1.4 Insertion Loss: $\leq 0.1 + 0.02 \cdot f(\text{GHz}) \text{ dB}$
- 1.5 Center Contact Resistance: $\leq 3 \text{ m}\Omega$
- 1.6 Outer Contact Resistance: $\leq 2 \text{ m}\Omega$
- 1.7 Voltage Rating: 500 V DC
- 1.8 Insulation Resistance: $> 5000 \text{ M}\Omega$

Mechanical Performance

- 1.9 Mechanical Durability: ≥ 500
- 2.0 Coupling Mechanism: Threaded
- 2.1 Interface Specification: MIL-STD-348
- 2.2 Operation Temperature: $-40^\circ\text{C} \sim +105^\circ\text{C}$

Materials

- 2.4 Body: Stainless Steel
- 2.5 Insulator: PEI
- 2.6 Center Contact: Beryllium Copper



USB Typec Series

09.1 USB TypeC Plug

09.2 USB TypeC Receptacle



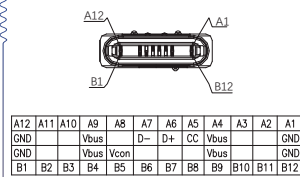
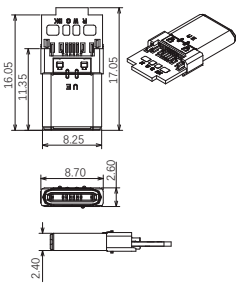
USB 2.0 Type-C Plug with PCBA

P/N: 818019635

● Outline Dimensions

● Pin Define

● Technology Parameters



A12	A11	A10	A9	A8	A7	A6	A5	A4	A3	A2	A1
GND			Vbus	D-	D+	CC	Vbus				GND
GND			Vbus	Vcon			Vbus				GND
B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12

- 1.1 Current Rating:
5A
- 1.2 Dielectric Withstanding Voltage:
100V AC (RMS)
- 1.3 Insulation Resistance:
100MΩ Min at DC 100V
- 1.4 Contact Resistance:
50mΩ Max
- 1.5 Mating Force:
5~20N
- 1.6 Extraction Force:
8~20N
- 1.7 Life Cycle:
10000 Cycles Min

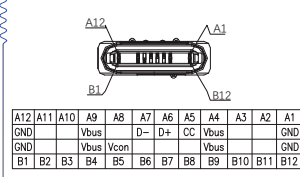
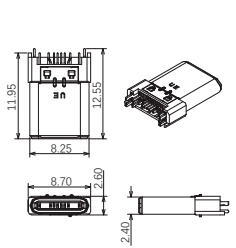
USB 2.0 Type-C Plug

P/N: 818016719

● Outline Dimensions

● Pin Define

● Technology Parameters



A12	A11	A10	A9	A8	A7	A6	A5	A4	A3	A2	A1
GND			Vbus	D-	D+	CC	Vbus				GND
GND			Vbus	Vcon			Vbus				GND
B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12

Recommended PCB Layout

- 1.1 Current Rating:
5A
- 1.2 Dielectric Withstanding Voltage:
100V AC (RMS)
- 1.3 Insulation Resistance:
100MΩ Min at DC 100V
- 1.4 Contact Resistance:
50mΩ Max
- 1.5 Mating Force:
5~20N
- 1.6 Extraction Force:
8~20N
- 1.7 Life Cycle:
10000 Cycles Min

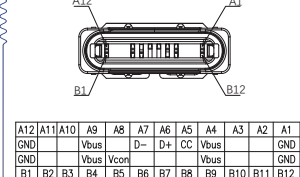
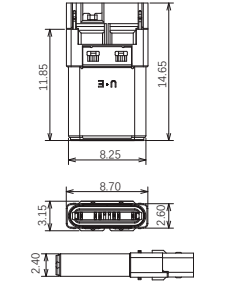
USB 2.0 Type-C Plug

P/N: 818013419

● Outline Dimensions

● Pin Define

● Technology Parameters



A12	A11	A10	A9	A8	A7	A6	A5	A4	A3	A2	A1
GND			Vbus	D-	D+	CC	Vbus				GND
GND			Vbus	Vcon			Vbus				GND
B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12

- 1.1 Current Rating:
5A
- 1.2 Dielectric Withstanding Voltage:
100V AC (RMS)
- 1.3 Insulation Resistance:
100MΩ Min at DC 100V
- 1.4 Contact Resistance:
50mΩ Max
- 1.5 Mating Force:
5~20N
- 1.6 Extraction Force:
8~20N
- 1.7 Life Cycle:
10000 Cycles Min

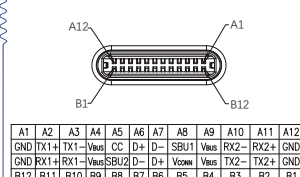
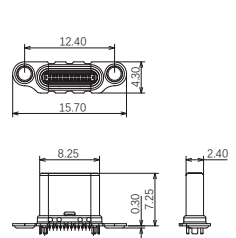
USB 3.1 Gen I Type-C Plug

P/N: 818013210

● Outline Dimensions

● Pin Define

● Technology Parameters



A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND	TX1+	TX1-	Vbus	CC	D+	D-	SBUS1	Vbus	RX2+	RX2-	GND
GND	RX1+	RX1-	Vbus	SBUS2	D-	D+	Vcon	Vbus	TX2+	TX2-	GND
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1



- 1.1 Current Rating:
5A
- 1.2 Dielectric Withstanding Voltage:
100V AC (RMS)
- 1.3 Insulation Resistance:
100MΩ Min at DC 100V
- 1.4 Contact Resistance:
50mΩ Max
- 1.5 Mating Force:
5~20N
- 1.6 Extraction Force:
8~20N
- 1.7 Life Cycle:
10000 Cycles Min

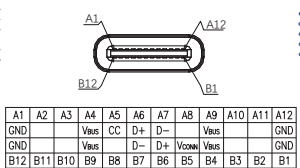
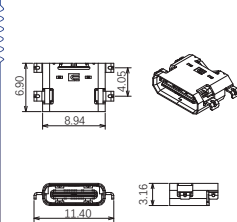
USB 2.0 Type-C Receptacle

P/N: 818004338

● Outline Dimensions

● Pin Define

● Technology Parameters



A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND			Vbus	CC	D+	D-	Vbus				GND
GND			Vbus	SBUS2	D-	D+	Vcon	Vbus			GND
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1

Recommended PCB Layout

- 1.1 Current Rating:
5A
- 1.2 Dielectric Withstanding Voltage:
100V AC (RMS)
- 1.3 Insulation Resistance:
100MΩ Min at DC 100V
- 1.4 Contact Resistance:
50mΩ Max
- 1.5 Mating Force:
5~20N
- 1.6 Extraction Force:
8~20N
- 1.7 Life Cycle:
10000 Cycles Min

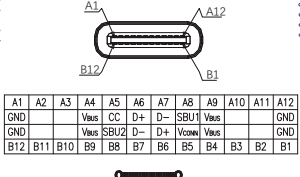
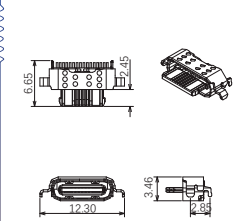
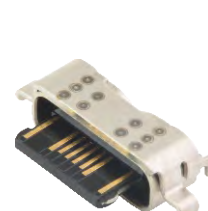
USB 2.0 Type-C Receptacle

P/N: 818011735

● Outline Dimensions

● Pin Define

● Technology Parameters



A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND			Vbus	CC	D+	D-	SBUS1	Vbus			GND
GND			Vbus	SBUS2	D-	D+	Vcon	Vbus			GND
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1

Recommended PCB Layout

- 1.1 Current Rating:
5A
- 1.2 Dielectric Withstanding Voltage:
100V AC (RMS)
- 1.3 Insulation Resistance:
100MΩ Min at DC 100V
- 1.4 Contact Resistance:
50mΩ Max
- 1.5 Mating Force:
5~20N
- 1.6 Extraction Force:
8~20N
- 1.7 Life Cycle:
10000 Cycles Min

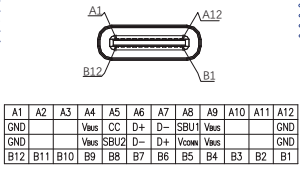
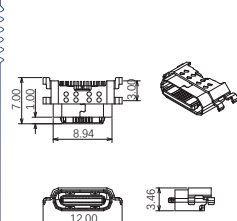
USB 2.0 Type-C Receptacle

P/N: 818012096

● Outline Dimensions

● Pin Define

● Technology Parameters



A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND			Vbus	CC	D+	D-	SBUS1	Vbus			GND
GND			Vbus	SBUS2	D-	D+	Vcon	Vbus			GND
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1

Recommended PCB Layout

- 1.1 Current Rating:
5A
- 1.2 Dielectric Withstanding Voltage:
100V AC (RMS)
- 1.3 Insulation Resistance:
100MΩ Min at DC 100V
- 1.4 Contact Resistance:
50mΩ Max
- 1.5 Mating Force:
5~20N
- 1.6 Extraction Force:
8~20N
- 1.7 Life Cycle:
10000 Cycles Min

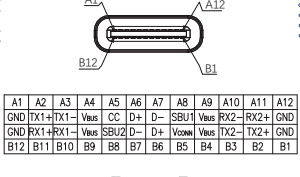
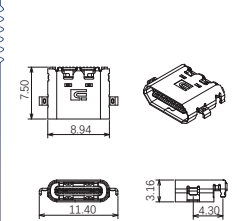
USB 3.1 Gen I Type-C Receptacle

P/N: 818004413

● Outline Dimensions

● Pin Define

● Technology Parameters



A1	A2	A3	A4	A5	A6	A7	A8	A9	A10	A11	A12
GND	TX1+	TX1-	Vbus	CC	D+	D-	SBUS1	Vbus	RX2+	RX2-	GND
GND	RX1+	RX1-	Vbus	SBUS2	D-	D+	Vcon	Vbus	TX2+	TX2-	GND
B12	B11	B10	B9	B8	B7	B6	B5	B4	B3	B2	B1

Recommended PCB Layout

- 1.1 Current Rating:
5A
- 1.2 Dielectric Withstanding Voltage:
100V AC (RMS)
- 1.3 Insulation Resistance:
100MΩ Min at DC 100V
- 1.4 Contact Resistance:
50mΩ Max
- 1.5 Mating Force:
5~20N
- 1.6 Extraction Force:
8~20N
- 1.7 Life Cycle:
10000 Cycles Min

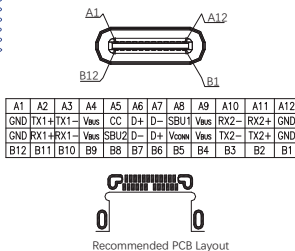
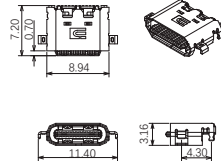
USB 3.1 Gen I Type-C Receptacle

P/N: 818013949

● Outline Dimensions

● Pin Define

● Technology Parameters



- 1.1 Current Rating:
5A
- 1.2 Dielectric Withstanding Voltage:
100V AC (RMS)
- 1.3 Insulation Resistance:
100MΩ Min at DC 100V
- 1.4 Contact Resistance:
50mΩ Max
- 1.5 Mating Force:
5~20N
- 1.6 Extraction Force:
8~20N
- 1.7 Life Cycle:
10000 Cycles Min

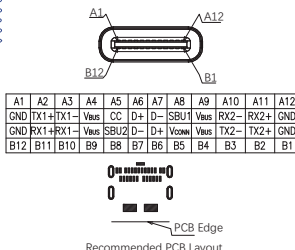
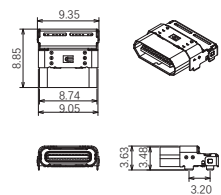
USB 3.1 Gen I Type-C Receptacle

P/N: 818011765

● Outline Dimensions

● Pin Define

● Technology Parameters



- 1.1 Current Rating:
5A
- 1.2 Dielectric Withstanding Voltage:
100V AC (RMS)
- 1.3 Insulation Resistance:
100MΩ Min at DC 100V
- 1.4 Contact Resistance:
50mΩ Max
- 1.5 Mating Force:
5~20N
- 1.6 Extraction Force:
8~20N
- 1.7 Life Cycle:
10000 Cycles Min

10 Spring Contacts

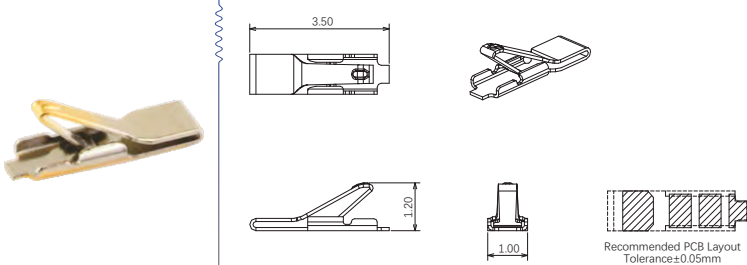
10.1 Spring Contacts



Spring Contact

P/N: 818002596

Outline Dimensions



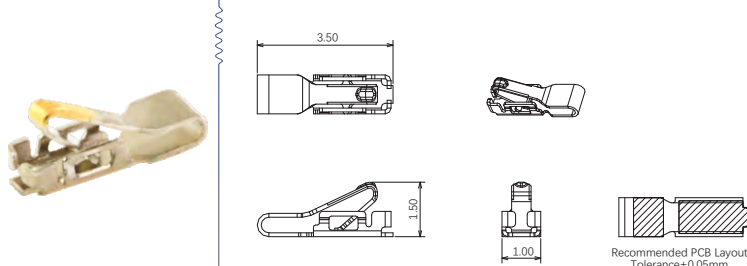
Technology Parameters

- 1.1 Rated Current: 2A
- 1.2 Voltage Rating: 10V DC
- 1.3 Electric Power: 20W
- 1.4 Contact Resistance: 50mΩ Max
- 1.5 Mechanical Durability: 1500 Cycles
- 1.6 Working Height: 0.4-0.8mm
- 1.7 Operation Temperature: -45°C ~ +85°C
- 1.8 Storage Temperature Range: -30°C ~ +70°C

Spring Contact

P/N: 818002597

Outline Dimensions



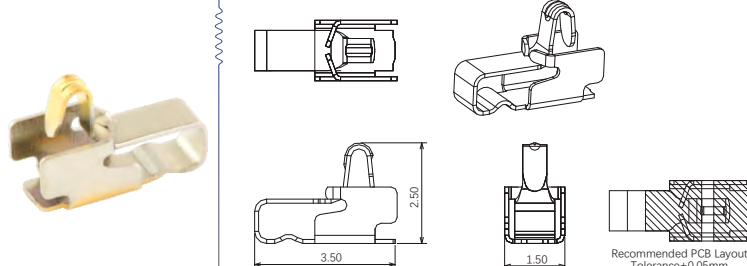
Technology Parameters

- 1.1 Rated Current: 2A
- 1.2 Voltage Rating: 10V DC
- 1.3 Electric Power: 20W
- 1.4 Contact Resistance: 50mΩ Max
- 1.5 Mechanical Durability: 1500 Cycles
- 1.6 Working Height: 0.7-1.1mm
- 1.7 Operation Temperature: -45°C ~ +85°C
- 1.8 Storage Temperature Range: -30°C ~ +70°C

Spring Contact

P/N: 818010454

Outline Dimensions



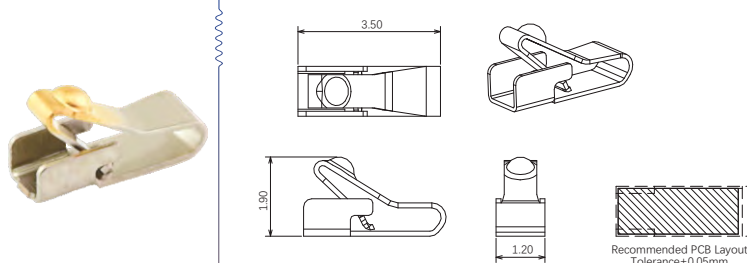
Technology Parameters

- 1.1 Rated Current: 2A
- 1.2 Voltage Rating: 10V DC
- 1.3 Electric Power: 20W
- 1.4 Contact Resistance: 50mΩ Max
- 1.5 Mechanical Durability: 1500 Cycles
- 1.6 Working Height: 1.5-2.2mm
- 1.7 Operation Temperature: -45°C ~ +85°C
- 1.8 Storage Temperature Range: -30°C ~ +70°C

Spring Contact

P/N: 818004979

Outline Dimensions



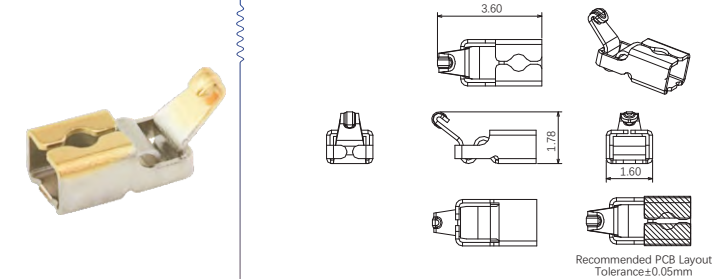
Technology Parameters

- 1.1 Rated Current: 2A
- 1.2 Voltage Rating: 10V DC
- 1.3 Electric Power: 20W
- 1.4 Contact Resistance: 50mΩ Max
- 1.5 Mechanical Durability: 1500 Cycles
- 1.6 Working Height: 0.9-1.5mm
- 1.7 Operation Temperature: -45°C ~ +85°C
- 1.8 Storage Temperature Range: -30°C ~ +70°C

Spring Contact

P/N: 818004522

Outline Dimensions



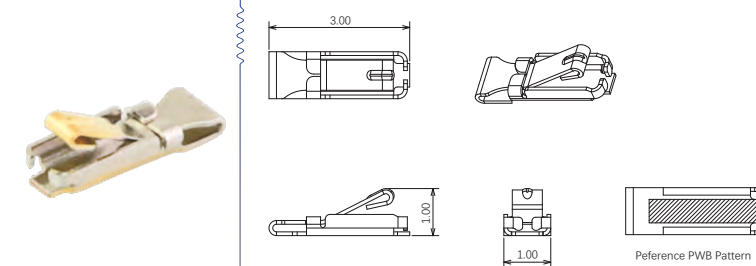
Technology Parameters

- 1.1 Rated Current: 2A
- 1.2 Voltage Rating: 10V DC
- 1.3 Electric Power: 20W
- 1.4 Contact Resistance: 50mΩ Max
- 1.5 Mechanical Durability: 1500 Cycles
- 1.6 Working Height: 1.2-1.8mm
- 1.7 Operation Temperature: -45°C ~ +85°C
- 1.8 Storage Temperature Range: -30°C ~ +70°C

Spring Contact

P/N: 818011127

Outline Dimensions



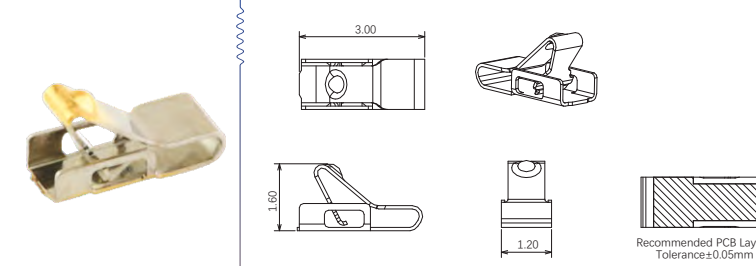
Technology Parameters

- 1.1 Rated Current: 2A
- 1.2 Voltage Rating: 10V DC
- 1.3 Electric Power: 20W
- 1.4 Contact Resistance: 50mΩ Max
- 1.5 Mechanical Durability: 1500 Cycles
- 1.6 Working Height: 0.45-0.6mm
- 1.7 Operation Temperature: -45°C ~ +85°C
- 1.8 Storage Temperature Range: -30°C ~ +70°C

Spring Contact

P/N: 818010386

Outline Dimensions



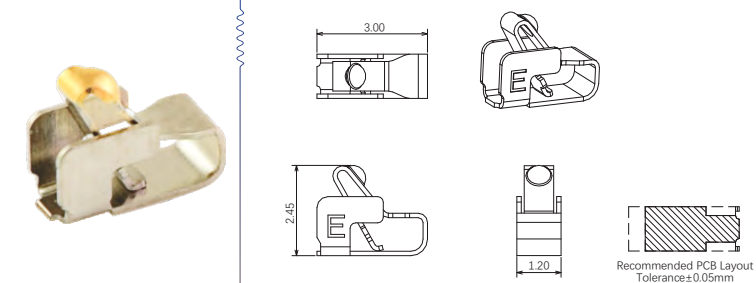
Technology Parameters

- 1.1 Rated Current: 2A
- 1.2 Voltage Rating: 10V DC
- 1.3 Electric Power: 20W
- 1.4 Contact Resistance: 50mΩ Max
- 1.5 Mechanical Durability: 1500 Cycles
- 1.6 Working Height: 0.65-1.1mm
- 1.7 Operation Temperature: -45°C ~ +85°C
- 1.8 Storage Temperature Range: -30°C ~ +70°C

Spring Contact

P/N: 818011230

Outline Dimensions



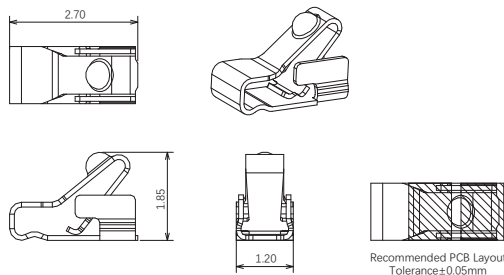
Technology Parameters

- 1.1 Rated Current: 2A
- 1.2 Voltage Rating: 10V DC
- 1.3 Electric Power: 20W
- 1.4 Contact Resistance: 50mΩ Max
- 1.5 Mechanical Durability: 1500 Cycles
- 1.6 Working Height: 1.6-2.1mm
- 1.7 Operation Temperature: -45°C ~ +85°C
- 1.8 Storage Temperature Range: -30°C ~ +70°C

Spring Contact

P/N: 818011470

Outline Dimensions



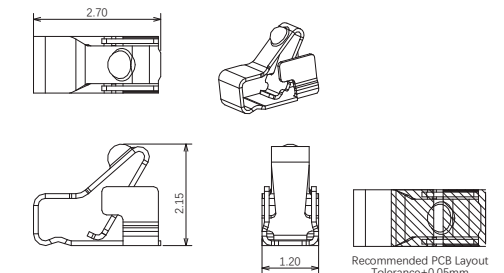
Technology Parameters

- 1.1 Rated Current: 2A
- 1.2 Voltage Rating: 10V DC
- 1.3 Electric Power: 20W
- 1.4 Contact Resistance: 50mΩ Max
- 1.5 Mechanical Durability: 1500 Cycles
- 1.6 Working Height: 0.95-1.5mm
- 1.7 Operation Temperature: -45°C ~ +85°C
- 1.8 Storage Temperature Range: -30°C ~ +70°C

Spring Contact

P/N: 818011471

Outline Dimensions



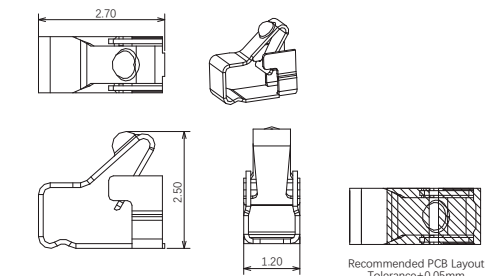
Technology Parameters

- 1.1 Rated Current: 2A
- 1.2 Voltage Rating: 10V DC
- 1.3 Electric Power: 20W
- 1.4 Contact Resistance: 50mΩ Max
- 1.5 Mechanical Durability: 1500 Cycles
- 1.6 Working Height: 1.25-1.8mm
- 1.7 Operation Temperature: -45°C ~ +85°C
- 1.8 Storage Temperature Range: -30°C ~ +70°C

Spring Contact

P/N: 818011472

Outline Dimensions



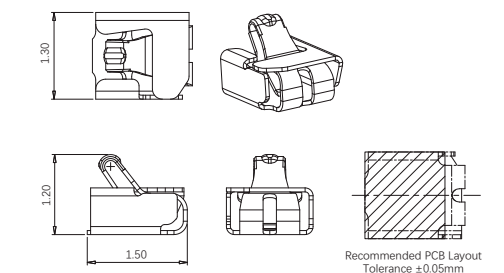
Technology Parameters

- 1.1 Rated Current: 2A
- 1.2 Voltage Rating: 10V DC
- 1.3 Electric Power: 20W
- 1.4 Contact Resistance: 50mΩ Max
- 1.5 Mechanical Durability: 1500 Cycles
- 1.6 Working Height: 1.55-2.15mm
- 1.7 Operation Temperature: -45°C ~ +85°C
- 1.8 Storage Temperature Range: -30°C ~ +70°C

Spring Contact

P/N: 818014563

Outline Dimensions



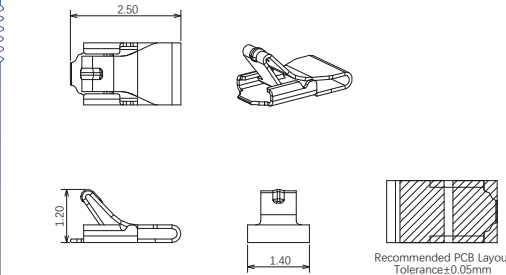
Technology Parameters

- 1.1 Rated Current: 2A
- 1.2 Voltage Rating: 10V DC
- 1.3 Electric Power: 20W
- 1.4 Contact Resistance: 50mΩ Max
- 1.5 Mechanical Durability: 1500 Cycles
- 1.6 Working Height: 0.75-0.90mm
- 1.7 Operation Temperature: -45°C ~ +85°C
- 1.8 Storage Temperature Range: -30°C ~ +70°C

Spring Contact

P/N: 818003420

Outline Dimensions



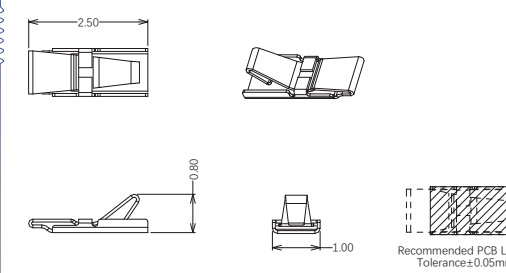
Technology Parameters

- 1.1 Rated Current: 2A
- 1.2 Voltage Rating: 10V DC
- 1.3 Electric Power: 20W
- 1.4 Contact Resistance: 50mΩ Max
- 1.5 Mechanical Durability: 1500 Cycles
- 1.6 Working Height: 0.5-0.8mm
- 1.7 Operation Temperature: -45°C ~ +85°C
- 1.8 Storage Temperature Range: -30°C ~ +70°C

Spring Contact

P/N: 818003141

Outline Dimensions



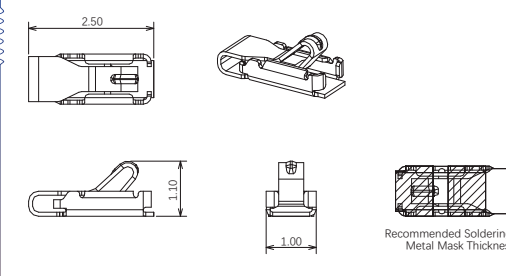
Technology Parameters

- 1.1 Rated Current: 2A
- 1.2 Voltage Rating: 10V DC
- 1.3 Electric Power: 20W
- 1.4 Contact Resistance: 50mΩ Max
- 1.5 Mechanical Durability: 1500 Cycles
- 1.6 Working Height: 0.28-0.5mm
- 1.7 Operation Temperature: -45°C ~ +85°C
- 1.8 Storage Temperature Range: -30°C ~ +70°C

Spring Contact

P/N: 818004556

Outline Dimensions



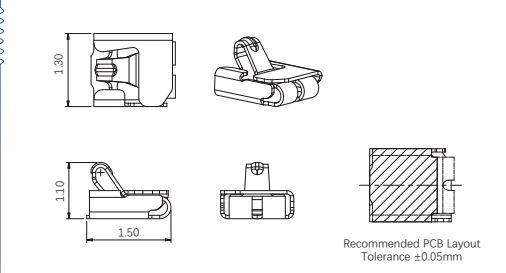
Technology Parameters

- 1.1 Rated Current: 2A
- 1.2 Voltage Rating: 10V DC
- 1.3 Electric Power: 20W
- 1.4 Contact Resistance: 50mΩ Max
- 1.5 Mechanical Durability: 1500 Cycles
- 1.6 Working Height: 0.5-0.7mm
- 1.7 Operation Temperature: -45°C ~ +85°C
- 1.8 Storage Temperature Range: -30°C ~ +70°C

Spring Contact

P/N: 818014564

Outline Dimensions



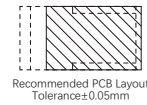
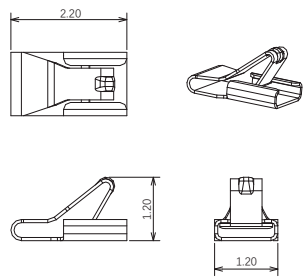
Technology Parameters

- 1.1 Rated Current: 2A
- 1.2 Voltage Rating: 10V DC
- 1.3 Electric Power: 20W
- 1.4 Contact Resistance: 50mΩ Max
- 1.5 Mechanical Durability: 1500 Cycles
- 1.6 Working Height: 0.50-0.70mm
- 1.7 Operation Temperature: -45°C ~ +85°C
- 1.8 Storage Temperature Range: -30°C ~ +70°C

Spring Contact

P/N: 818004111

Outline Dimensions



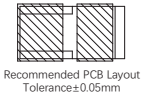
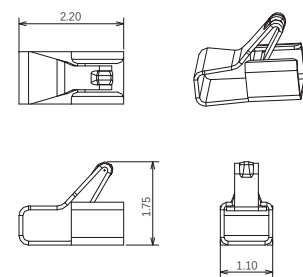
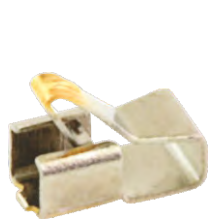
Technology Parameters

- 1.1 Rated Current: 2A
- 1.2 Voltage Rating: 10V DC
- 1.3 Electric Power: 20W
- 1.4 Contact Resistance: 50mΩ Max
- 1.5 Mechanical Durability: 1500 Cycles
- 1.6 Working Height: 0.5-0.9mm
- 1.7 Operation Temperature: -45°C ~ +85°C
- 1.8 Storage Temperature Range: -30°C ~ +70°C

Spring Contact

P/N: 818010053

Outline Dimensions



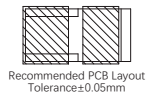
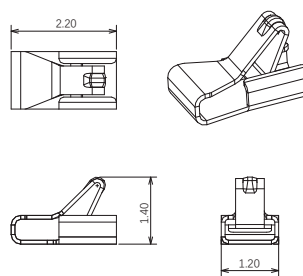
Technology Parameters

- 1.1 Rated Current: 2A
- 1.2 Voltage Rating: 10V DC
- 1.3 Electric Power: 20W
- 1.4 Contact Resistance: 50mΩ Max
- 1.5 Mechanical Durability: 1500 Cycles
- 1.6 Working Height: 0.9-1.2mm
- 1.7 Operation Temperature: -45°C ~ +85°C
- 1.8 Storage Temperature Range: -30°C ~ +70°C

Spring Contact

P/N: 818010054

Outline Dimensions



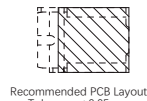
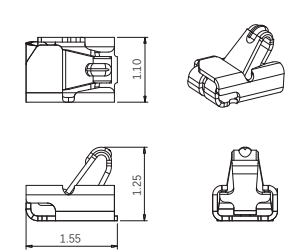
Technology Parameters

- 1.1 Rated Current: 2A
- 1.2 Voltage Rating: 10V DC
- 1.3 Electric Power: 20W
- 1.4 Contact Resistance: 50mΩ Max
- 1.5 Mechanical Durability: 1500 Cycles
- 1.6 Working Height: 0.7-1.0mm
- 1.7 Operation Temperature: -45°C ~ +85°C
- 1.8 Storage Temperature Range: -30°C ~ +70°C

Spring Contact

P/N: 818017823

Outline Dimensions



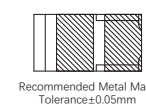
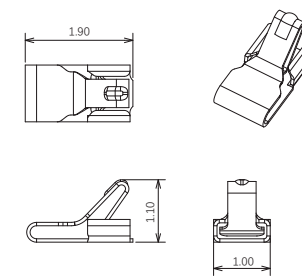
Technology Parameters

- 1.1 Rated Current: 2A
- 1.2 Voltage Rating: 10V DC
- 1.3 Electric Power: 20W
- 1.4 Contact Resistance: 50mΩ Max
- 1.5 Mechanical Durability: 1500 Cycles
- 1.6 Working Height: 0.75-0.90mm
- 1.7 Operation Temperature: -45°C ~ +85°C
- 1.8 Storage Temperature Range: -30°C ~ +70°C

Spring Contact

P/N: 818010551

Outline Dimensions



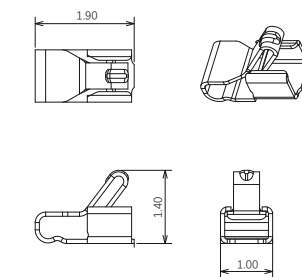
Technology Parameters

- 1.1 Rated Current: 2A
- 1.2 Voltage Rating: 10V DC
- 1.3 Electric Power: 20W
- 1.4 Contact Resistance: 50mΩ Max
- 1.5 Mechanical Durability: 1500 Cycles
- 1.6 Working Height: 0.4-0.7mm
- 1.7 Operation Temperature: -45°C ~ +85°C
- 1.8 Storage Temperature Range: -30°C ~ +70°C

Spring Contact

P/N: 818011376

Outline Dimensions



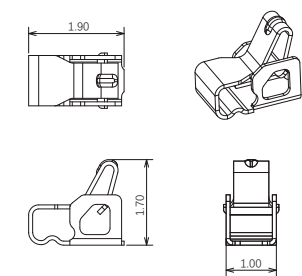
Technology Parameters

- 1.1 Rated Current: 2A
- 1.2 Voltage Rating: 10V DC
- 1.3 Electric Power: 20W
- 1.4 Contact Resistance: 50mΩ Max
- 1.5 Mechanical Durability: 1500 Cycles
- 1.6 Working Height: 0.7-1.1mm
- 1.7 Operation Temperature: -45°C ~ +85°C
- 1.8 Storage Temperature Range: -30°C ~ +70°C

Spring Contact

P/N: 818011377

Outline Dimensions



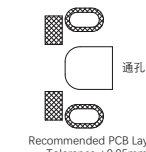
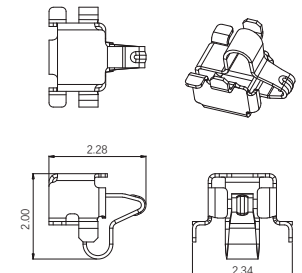
Technology Parameters

- 1.1 Rated Current: 2A
- 1.2 Voltage Rating: 10V DC
- 1.3 Electric Power: 20W
- 1.4 Contact Resistance: 50mΩ Max
- 1.5 Mechanical Durability: 1500 Cycles
- 1.6 Working Height: 1.0-1.4mm
- 1.7 Operation Temperature: -45°C ~ +85°C
- 1.8 Storage Temperature Range: -30°C ~ +70°C

Spring Contact

P/N: 818014734

Outline Dimensions



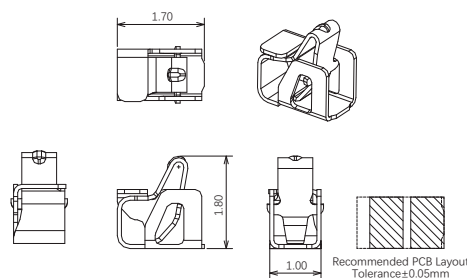
Technology Parameters

- 1.1 Rated Current: 2A
- 1.2 Voltage Rating: 10V DC
- 1.3 Electric Power: 20W
- 1.4 Contact Resistance: 50mΩ Max
- 1.5 Mechanical Durability: 1500 Cycles
- 1.6 Working Height: 1.68-1.88mm
- 1.7 Operation Temperature: -45°C ~ +85°C
- 1.8 Storage Temperature Range: -30°C ~ +70°C

Spring Contact

P/N: 818011914

Outline Dimensions



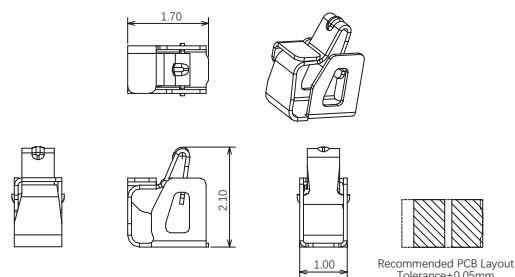
Technology Parameters

- 1.1 Rated Current: 2A
- 1.2 Voltage Rating: 10V DC
- 1.3 Electric Power: 20W
- 1.4 Contact Resistance: 50mΩ Max
- 1.5 Mechanical Durability: 1500 Cycles
- 1.6 Working Height: 1.15-1.45mm
- 1.7 Operation Temperature: -45°C ~ +85°C
- 1.8 Storage Temperature Range: -30°C ~ +70°C

Spring Contact

P/N: 818011915

Outline Dimensions



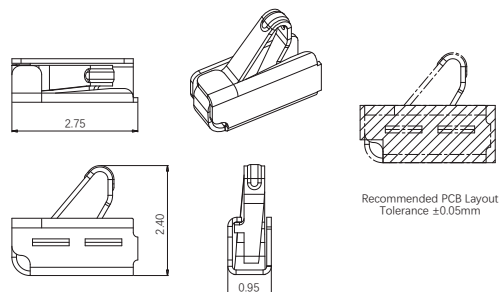
Technology Parameters

- 1.1 Rated Current: 2A
- 1.2 Voltage Rating: 10V DC
- 1.3 Electric Power: 20W
- 1.4 Contact Resistance: 50mΩ Max
- 1.5 Mechanical Durability: 1500 Cycles
- 1.6 Working Height: 1.45-1.75mm
- 1.7 Operation Temperature: -45°C ~ +85°C
- 1.8 Storage Temperature Range: -30°C ~ +70°C

Spring Contact

P/N: 818014061

Outline Dimensions



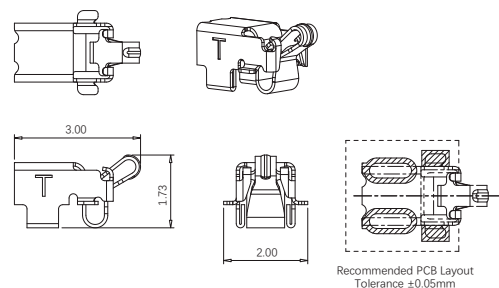
Technology Parameters

- 1.1 Rated Current: 2A
- 1.2 Voltage Rating: 10V DC
- 1.3 Electric Power: 20W
- 1.4 Contact Resistance: 50mΩ Max
- 1.5 Mechanical Durability: 1500 Cycles
- 1.6 Working Height: 1.50-1.80mm
- 1.7 Operation Temperature: -45°C ~ +85°C
- 1.8 Storage Temperature Range: -30°C ~ +70°C

Spring Contact

P/N: 818012850

Outline Dimensions



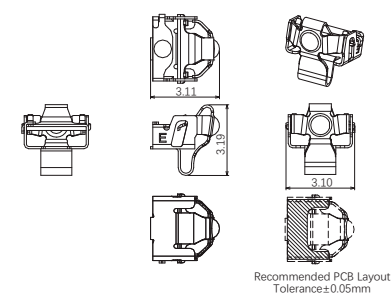
Technology Parameters

- 1.1 Rated Current: 2A
- 1.2 Voltage Rating: 10V DC
- 1.3 Electric Power: 20W
- 1.4 Contact Resistance: 50mΩ Max
- 1.5 Mechanical Durability: 1500 Cycles
- 1.6 Working Height: 2.35-2.65mm
- 1.7 Operation Temperature: -45°C ~ +85°C
- 1.8 Storage Temperature Range: -30°C ~ +70°C

Spring Contact

P/N: 818010698

Outline Dimensions



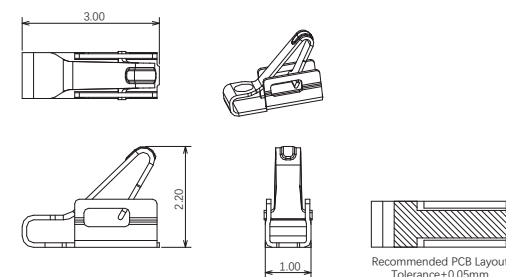
Technology Parameters

- 1.1 Rated Current: 2A
- 1.2 Voltage Rating: 10V DC
- 1.3 Electric Power: 20W
- 1.4 Contact Resistance: 50mΩ Max
- 1.5 Mechanical Durability: 1500 Cycles
- 1.6 Working Height: 2.01-2.55mm
- 1.7 Operation Temperature: -45°C ~ +85°C
- 1.8 Storage Temperature Range: -30°C ~ +70°C

Spring Contact

P/N: 818010032

Outline Dimensions

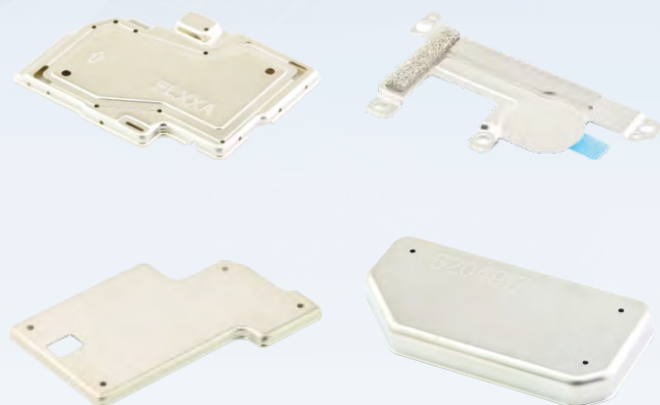


Technology Parameters

- 1.1 Rated Current: 2A
- 1.2 Voltage Rating: 10V DC
- 1.3 Electric Power: 20W
- 1.4 Contact Resistance: 50mΩ Max
- 1.5 Mechanical Durability: 1500 Cycles
- 1.6 Working Height: 1.3-1.7mm
- 1.7 Operation Temperature: -45°C ~ +85°C
- 1.8 Storage Temperature Range: -30°C ~ +70°C

Stamping Metal

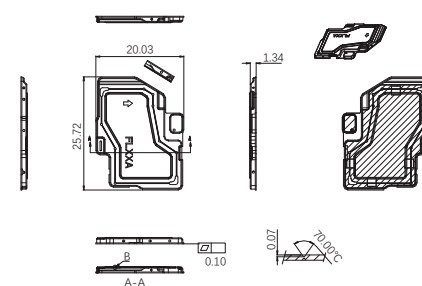
11.1 Shielding Case/Frame& Metal Stamping Products



FLO-RF Shielding Can

P/N: 81800K804

Outline Dimensions



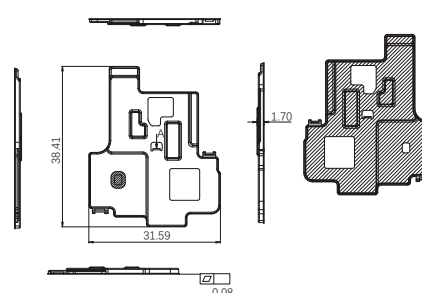
Technology Parameters

- 1.1 Material: C7521 T0.2
- 1.2 Die-cutting side burr with 0.05mm Max, no sharp corners
- 1.3 No defect such as dent /scratch / oil / spot / nigrities etc.
- 1.4 Hazardous substances must comply with ECT environmental control standards
- 1.5 The inner surface is sprayed with insulating paint, High temperature resistance: $260^{\circ}\text{C} \pm 5^{\circ}\text{C}$
- 1.6 The paster side will be with full solder, no blank space or concave point in the middle
- 1.7 Operating Temperature: $-20^{\circ}\text{C} \sim +65^{\circ}\text{C}$

PMIC Shielding Case

P/N: 81800K485

Outline Dimensions



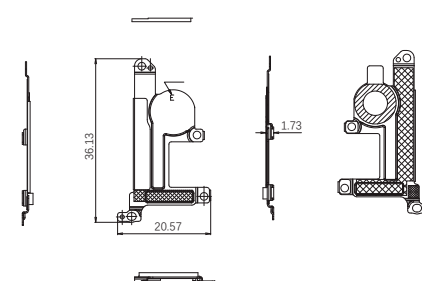
Technology Parameters

- 1.1 Material: C7521 T0.15
- 1.2 Die-cutting side burr with 0.05mm Max, no sharp corners
- 1.3 No defect such as dent /scratch / oil / spot / nigrities etc.
- 1.4 Hazardous substances must comply with ECT environmental control standards
- 1.5 The inner surface is sprayed with insulating paint, High temperature resistance: $260^{\circ}\text{C} \pm 5^{\circ}\text{C}$
- 1.6 The paster side will be with full solder, no blank space or concave point in the middle
- 1.7 Operating Temperature: $-20^{\circ}\text{C} \sim +65^{\circ}\text{C}$

FPC BTB Shielding Plate

P/N: 81800K355

Outline Dimensions



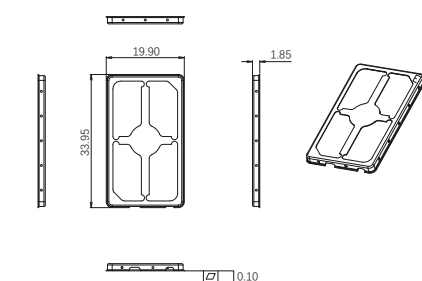
Technology Parameters

- 1.1 Material: SUS304 T0.25
- 1.2 Die-cutting side burr with 0.05mm Max, no sharp corners
- 1.3 No defect such as dent /scratch / oil / spot / nigrities etc.
- 1.4 Hazardous substances must comply with ECT environmental control standards
- 1.5 The inner surface is covered with foam cotton and strong-weak glue
- 1.6 High temperature resistance: should be $260^{\circ}\text{C} \pm 5^{\circ}\text{C} / 3\text{min}$
- 1.7 Salt mist test can meet within 24hours
- 1.8 Operating Temperature: $-20^{\circ}\text{C} \sim +65^{\circ}\text{C}$

Shielding Frame

P/N: 81800K989

Outline Dimensions



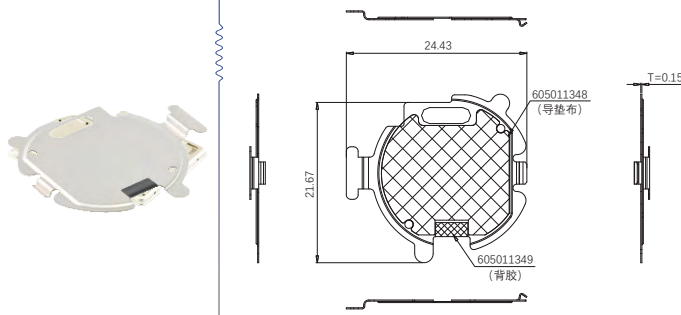
Technology Parameters

- 1.1 Material: AL50(Tin Plate)T0.15
- 1.2 Die-cutting side burr with 0.05mm Max, no sharp corners
- 1.3 No defect such as dent /scratch / oil / spot / nigrities etc.
- 1.4 Hazardous substances must comply with ECT environmental control standards
- 1.5 High temperature resistance: should be $260^{\circ}\text{C} \pm 5^{\circ}\text{C} / 3\text{min}$
- 1.6 Salt mist test can meet within 24hours
- 1.7 Operating Temperature: $-20^{\circ}\text{C} \sim +65^{\circ}\text{C}$

PPG Fixed Sheet Steel

P/N: 81800P268

Outline Dimensions



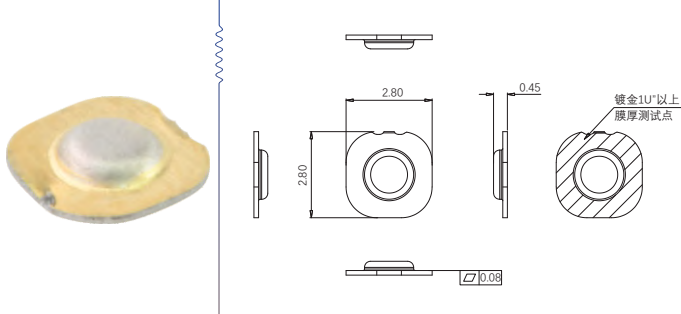
Technology Parameters

- 1.1 Raw Material: C7521 T0.2
- 1.2 Die-cutting side burr with 0.05mm Max, no sharp corners
- 1.3 No defect such as dent /scratch / oil / spot /nigrities etc.
- 1.4 Hazardous substances must comply with ECT environmental control standards
- 1.5 The paster side will be with full solder, no blank space or concave point in the middle
- 1.6 Operating Temperature: -20°C~+65°C

Charging Welded Steel Sheet

P/N: 81800P264

Outline Dimensions



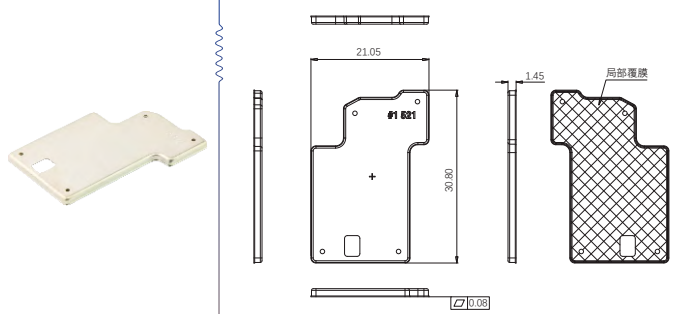
Technology Parameters

- 1.1 Raw Material: SUS304 T0.15
- 1.2 Die-cutting side burr with 0.05mm Max, no sharp corners
- 1.3 No defect such as dent /scratch / oil / spot /nigrities etc.
- 1.4 Hazardous substances must comply with ECT environmental control standards
- 1.5 The inner surface of the product is gold-plated and High temperature resistance should be 260°C±5°C
- 1.6 The paster side will be with full solder, no blank space or concave point in the middle
- 1.7 Operating Temperature: -20°C~+65°C

PMIC Shielding Case

P/N: 81800P765

Outline Dimensions



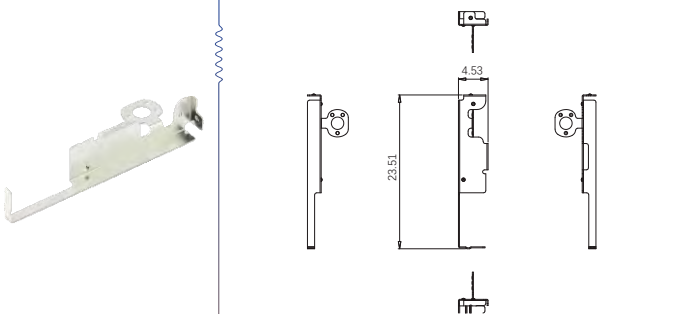
Technology Parameters

- 1.1 Raw Material: C7620 T0.15
- 1.2 Die-cutting side burr with 0.05mm Max, no sharp corners
- 1.3 No defect such as dent /scratch / oil / spot /nigrities etc.
- 1.4 Hazardous substances must comply with ECT environmental control standards
- 1.5 The inner surface is sprayed with insulating paint, High temperature resistance: are 260°C±5°C
- 1.6 The paster side will be with full solder, no blank space or concave point in the middle
- 1.7 Operating Temperature: -20°C~+65°C

mm-Wave Sheet Steel Support

P/N: 81800P241

Outline Dimensions



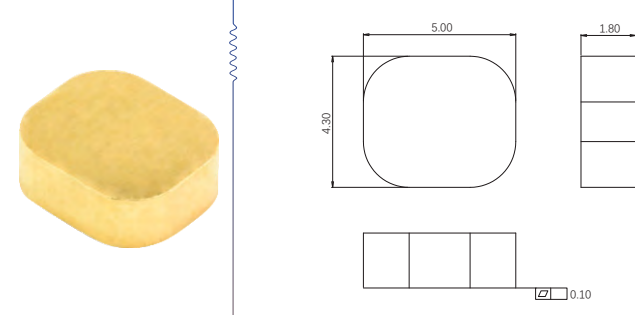
Technology Parameters

- 1.1 Raw Material: SUS304 T0.15
- 1.2 Die-cutting side burr with 0.05mm Max, no sharp corners
- 1.3 No defect such as dent /scratch / oil / spot /nigrities etc.
- 1.4 Hazardous substances must comply with ECT environmental control standards
- 1.5 The paster side will be with full solder, no blank space or concave point in the middle
- 1.6 Operating Temperature: -20°C~+65°C

QL1681-Heat Conducting Copper Block-Flash

P/N: 81800K602

Outline Dimensions



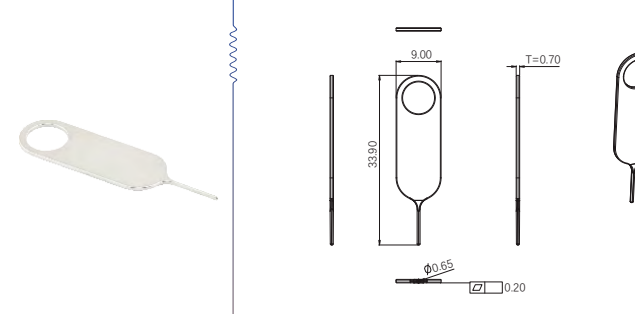
Technology Parameters

- 1.1 Material: C2680 T1.8
- 1.2 Die-cutting side burr with 0.05mm Max, no sharp corners
- 1.3 No defect such as dent /scratch / oil / spot / nigrities etc.
- 1.4 Hazardous substances must comply with ECT environmental control standards
- 1.5 High temperature resistance: 260°C±5°C / 3min
- 1.6 Salt mist test can meet within 24hours
- 1.7 The paster side will be with full solder, no blank space or concave point in the middle
- 1.8 Operating Temperature: -20°C ~ +65°C

N9518 SIM Needle

P/N: 81800G067

Outline Dimensions



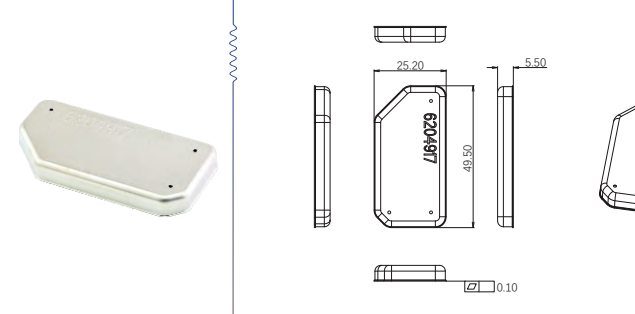
Technology Parameters

- 1.1 Material: SUS304 T0.7
- 1.2 Die-cutting side burr with 0.05mm Max, no sharp corners
- 1.3 No defect such as dent /scratch / oil / spot / nigrities etc.
- 1.4 Hazardous substances must comply with ECT environmental control standards
- 1.5 High temperature resistance: 260°C±5°C / 3min
- 1.6 Salt mist test can meet within 24hours
- 1.7 Operating Temperature: -20°C ~ +65°C

Shielding Can

P/N: 81800K164

Outline Dimensions



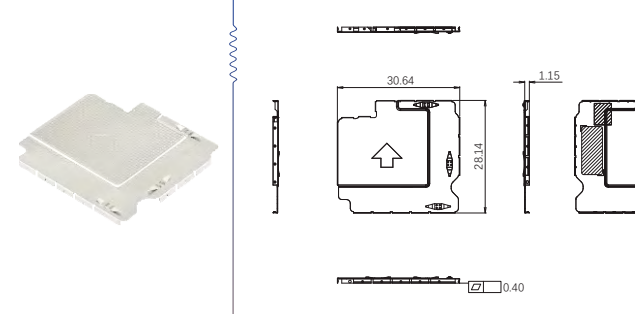
Technology Parameters

- 1.1 Material: C7521 T0.30
- 1.2 Die-cutting side burr with 0.05mm Max, no sharp corners
- 1.3 No defect such as dent /scratch / oil / spot / nigrities etc.
- 1.4 Hazardous substances must comply with ECT environmental control standards
- 1.5 High temperature resistance: 260°C±5°C / 3min
- 1.6 The paster side will be with full solder, no blank space or concave point in the middle
- 1.7 Operating Temperature: -20°C ~ +65°C

TF-AP-Shielding-Cover-ASSY STF-AP

P/N: 81800J244

Outline Dimensions



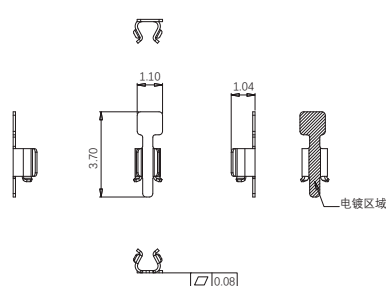
Technology Parameters

- 1.1 Material: SUS304 T0.10
- 1.2 Die-cutting side burr with 0.05mm Max, no sharp corners
- 1.3 No defect such as dent /scratch / oil / spot / nigrities etc.
- 1.4 Hazardous substances must comply with ECT environmental control standards
- 1.5 High temperature resistance: 260°C±5°C / 3min
- 1.6 Salt mist test can meet within 24hours

Coaxial Cable Clamp

P/N: 81800P243

Outline Dimensions



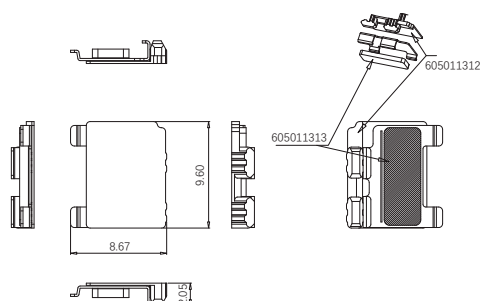
Technology Parameters

- 1.1 Raw Material: SUS304 T0.10
- 1.2 Die-cutting side burr with 0.05mm Max, no sharp corners
- 1.3 No defect such as dent /scratch / oil / spot /nigrities etc.
- 1.4 Hazardous substances must comply with ECT environmental control standards
- 1.5 The inner surface of the product is gold-plated and high temperature resistance should be $260^{\circ}\text{C} \pm 5^{\circ}\text{C}$
- 1.6 The paster side will be with full solder, no blank space or concave point in the middle
- 1.7 Operating Temperature: $-20^{\circ}\text{C} \sim +65^{\circ}\text{C}$

Pressing Plate Holding

P/N: 81800P180

Outline Dimensions



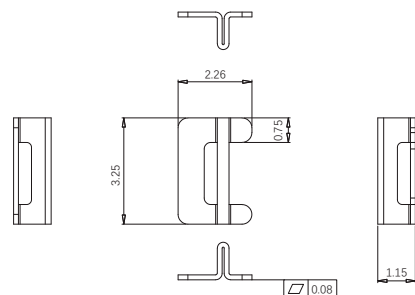
Technology Parameters

- 1.1 Raw Material: SUS304 T0.2
- 1.2 Die-cutting side burr with 0.05mm Max, no sharp corners
- 1.3 No defect such as dent /scratch / oil / spot /nigrities etc.
- 1.4 Hazardous substances must comply with ECT environmental control standards
- 1.5 The paster side will be with full solder, no blank space or concave point in the middle
- 1.6 Operating Temperature: $-20^{\circ}\text{C} \sim +65^{\circ}\text{C}$

Fixation Clamp

P/N: 81800P183

Outline Dimensions



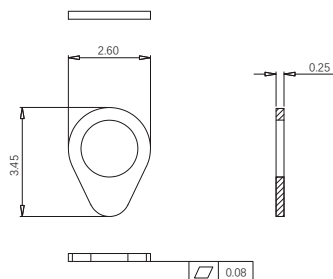
Technology Parameters

- 1.1 Raw Material: C7521 T0.2
- 1.2 Die-cutting side burr with 0.05mm Max, no sharp corners
- 1.3 No defect such as dent /scratch / oil / spot /nigrities etc.
- 1.4 Hazardous substances must comply with ECT environmental control standards
- 1.5 The paster side will be with full solder, no blank space or concave point in the middle
- 1.6 Operating Temperature: $-20^{\circ}\text{C} \sim +65^{\circ}\text{C}$

Screw Shim

P/N: 81800P485

Outline Dimensions



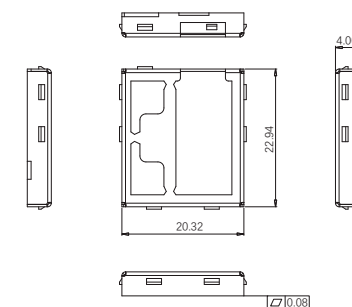
Technology Parameters

- 1.1 Raw Material: C2680 T0.25
- 1.2 Die-cutting side burr with 0.05mm Max, no sharp corners
- 1.3 No defect such as dent /scratch / oil / spot /nigrities etc.
- 1.4 Hazardous substances must comply with ECT environmental control standards
- 1.5 The inner surface of the product is gold-plated, High temperature resistance are $260^{\circ}\text{C} \pm 5^{\circ}\text{C}$
- 1.6 The paster side will be with full solder, no blank space or concave point in the middle
- 1.7 Operating Temperature: $-20^{\circ}\text{C} \sim +65^{\circ}\text{C}$

Shielding Frame

P/N: 81800L183

Outline Dimensions



Technology Parameters

- 1.1 Raw Material: SPTE-T5, T0.4
- 1.2 Die-cutting side burr with 0.05mm Max, no sharp corners
- 1.3 No defect such as dent /scratch / oil / spot /nigrities etc.
- 1.4 Hazardous substances must comply with ECT environmental control standards
- 1.5 The paster side will be with full solder, no blank space or concave point in the middle
- 1.6 Operating Temperature: $-20^{\circ}\text{C} \sim +65^{\circ}\text{C}$

ENTERPRISE CULTURE

Respect | Professionalism | Innovation | Service



Enterprise spirit

Respectful, Trustworthy, Learn, Benevolent



Business philosophy

People-oriented, technology-driven, customer-respected, and integrity-based



Corporate mission

Provide high-precision and high-reliability connector products and services for global partners.



Corporate Vision

To become the leader in the global connector industry and serve as a benchmark for the internationalization of national enterprises!



Core competitiveness of an enterprise

Continuously cultivate and gather the most outstanding technical, design, manufacturing and service talents Enable the capable to create greater value.

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 committe 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.

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.



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...

ECT is willing to share our experience with cooperative partners to promote common development. 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.

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Website: www.ectsz.com

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