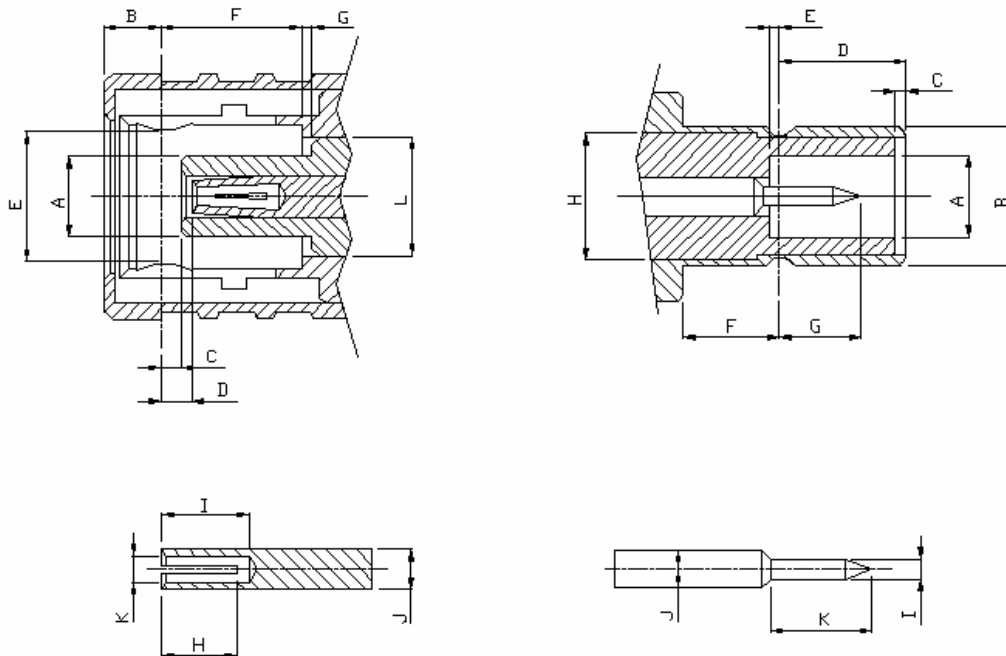


Description

SMB connectors are suitable for application from DC up to 4 GHz. respectively 4 GHz. SMB is quick connection/disconnection snap-on mating.

Interface Mating Dimensions



Plug(Female Contact)					Jack(Male Contact)				
LTR	Millimeters / Inches				LTR.	Millimeters / Inches			
	Minimum		Maximum			Minimum		Maximum	
A	Φ2.01	Φ.079	Φ2.06	Φ.081	A	Φ2.08	Φ.082	Φ2.16	
B			1.63	.064	B	Φ3.66	Φ.144	Φ3.71	Φ.146
C	0.27	.011	0.52	.021	C	0.04	.002	0.24	.010
D	0.29	.012	0.57	.023	D	3.48	.137	3.53	.139
E	Φ3.40	Φ.134	Φ3.50	Φ.138	E	0.05	.002		
F	3.58	.141	0.60	.149	F	1.65	.065		
G	0.00	.000	0.62	.012	G	2.39	.094	2.72	.107
H	1.65	.065			H	Φ3.05	Φ.120	Φ3.0	Φ.121
I	2.79	.110			I	Φ0.48	Φ.019	Φ0.53	Φ.021
J	Φ1.00	Φ.039	Φ1.04	Φ.041	J	Φ0.97	Φ.038	Φ0.99	Φ.039
K	Φ0.56	Φ.022	Φ0.60	Φ.024	K	2.51	.099	2.70	.103
L	Φ3.05	Φ.120	Φ3.08	Φ.121	L				

Material / Finish:

	Material	Finish
Connector body	Brass per(QQ-B-626 or JIS-C3604B)	Gold plating
Center contact male	Brass per(QQ-B-626 or JIS-C3604B)	Gold plating
Center contact female	Beryllium copper per(QQ-C-530 or JIS-C 1730)	Gold plating
Insulator	PTFE	None
Crimp ferrule	Annealed copper	Same as body

Electrical:

Nominal impedance	50Ω
Frequency up to	4.0 GHz
VSWR	1.25+0.05×f GHz
Working voltage	250 Volts rms.
Dielectric withstanding	750 Volts rms.
Insulation resistance	1000 MΩmin.
Contact resistance	Center conductor 6.0 MΩ
	Outer conductor 1.5 MΩ

Mechanical & Environmental:

Mating	Snap on coupling
Cable retention	8 lbs typical
Engage fore	6.0 lbs MAX.
Disengage force	1.0 lbs MIN.
Durability	≧ 500 cycles
Temperature range	PTFE -55°C to +155°C
Vibration	Per Mil-STD-202 method 204 Test Condition D
Shock	Per Mil-STD-202 method 213 Test Condition I
Corrosion	Per Mil-STD-202 method 101 Test Condition B

SMB Connector



P/N:10050904

SMB(M Contact) S/T Bulkhead Jack For 1.13mm



P/N:10050313

SMB(M Contact) S/T Jack For RG-174/316



P/N:10050113

SMB(F Contact) S/T Plug For RG-174/316



P/N:10050110

SMB(F Contact) S/T Plug For RG-179(75 Ohm)



P/N:07050203

SMB(F Contact) R/A Plug For 0.81mm

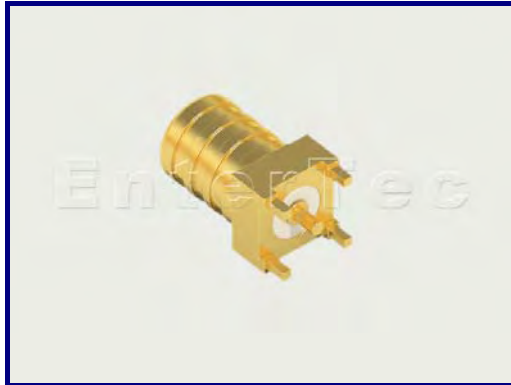
SMB Connector



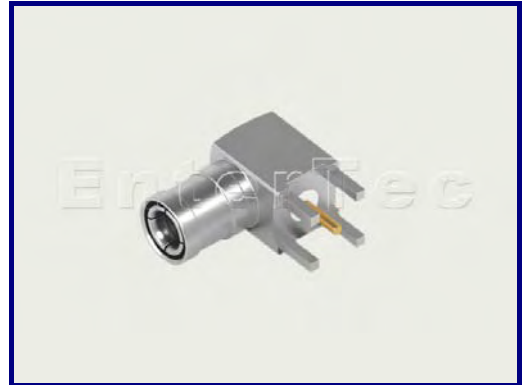
P/N:10051034
SMB(M Contact) S/T Jack For P.C.B Mount



P/N:10051234
SMB(M Contact) R/A Jack For P.C.B Mount



P/N:10050734
SMB(F Contact) S/T Plug For P.C.B. Mount



P/N:06051934
SMB(F Contact) R/A Plug For P.C.B Mount



P/N:10052334
SMB(M Contact) S/T Jack For Edge Mount



P/N:13052534
SMB(M Contact) S/T Jack For Top Mount