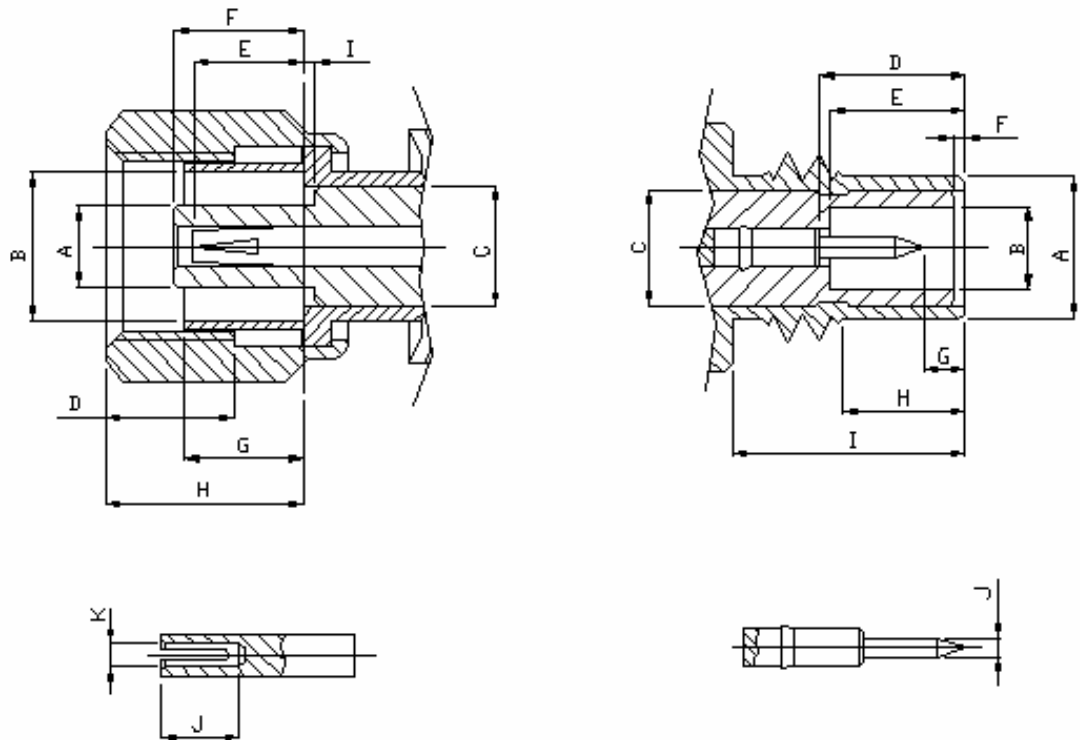


Description

SMC connectors are suitable for application from DC up to 10 GHz, respectively 4 GHz. For quick connection/disconnection even in a limited space.

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	Φ3.66	Φ.144	Φ3.71	Φ.146
B	Φ3.73	Φ.147	Φ3.81	Φ.150	B	Φ2.08	Φ.082	Φ2.16	Φ.085
C	3.05	.120	3.07	.121	C	Φ3.05	Φ.120	Φ3.07	Φ.121
D	2.79	.110			D	3.40	.134	3.51	.138
E	3.05	.120	3.10	.122	E	3.40	.134	3.61	.142
F	3.23	.127	3.40	.134	F	0.00	.000	0.25	.010
G	3.30	.130	3.40	.134	G	0.79	.031		
H			5.92	.233	H	3.12	.123	3.38	.133
I	0.00	.000	0.15	.006	I	5.94	.234		
J	2.79	.110			J	Φ0.48	Φ.019	Φ0.53	Φ.039
K	Φ0.56	.022	Φ0.60	.024	K				
L					L				

Material / Finish:

	Material	Finish
Connector body	Brass per(QQ-B-626 or JIS-C3604B)	Nickel or 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) or Phosphor bronze per(QQ-B-750 or JIS-C5441B)	Gold plating
Insulator	PTFE	None
Crimp ferrule	Annealed copper	Same as body
Gasket	Silicone rubber	None

Electrical:

Nominal impedance	50Ω
Frequency up to	10 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	10-32 UNEF Thread coupling
Cable retention	10 lbs typical
Durability	≧ 500 cycles
Coupling nut retention	≧ 25 lbs
Temperature range	PTFE -65°C to -165°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

SMC Connector



P/N:10110304

SMC(M Contact) S/T Jack For 1.13mm



P/N:10110604

SMC(M Contact) S/T Bulkhead Jack For 1.13mm~1.37mm



P/N:10110113

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



P/N:04110213

SMC(F Contact) R/A Plug For RG-174/316



P/N:06110109

SMC(F Contact) S/T Plug For RG-178



P/N:10110119

SMC(F Contact) S/T Plug For .085 Semi-Rigid/RG-405

SMC Connector



P/N:04110109

SMC(F Contact) S/T Plug For RG-178



P/N:10110219

SMC(F Contact) R/A Plug For .085 Semi-Rigid/RG-405



P/N:04110814

SMC(F Contact) R/A Plug For RG-174/316

SMC Connector



P/N:10110934

SMC(M Contact) R/A Jack For P.C.B Mount



P/N:06110734

SMC(M Contact) R/A Jack For P.C.B Mount