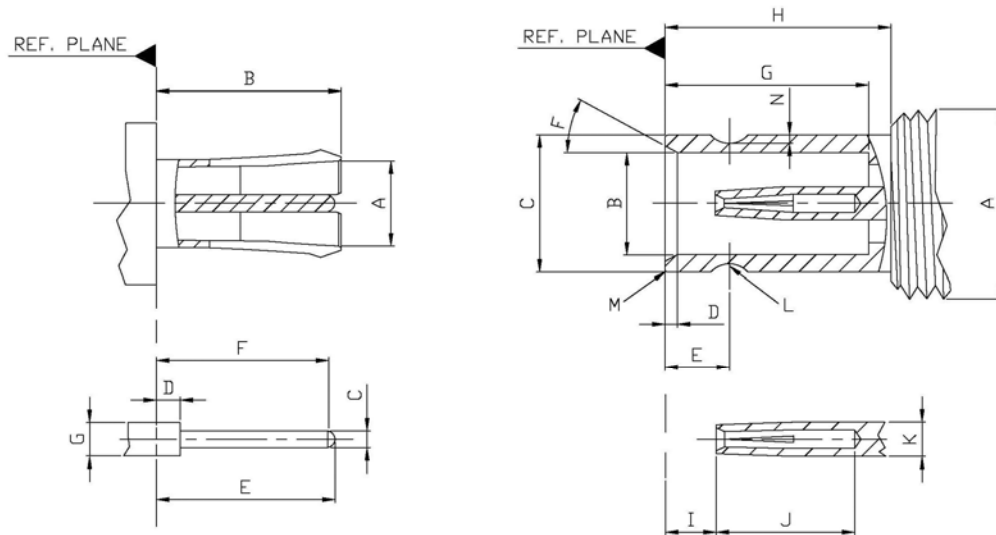


1.0/2.3

Description

1.0/2.3 series is a compact design which provides a push-pull coupling system allowing quick installation; they are ideally suited to applications where space is limited. 1.0/2.3 coaxial connectors are 50ohm units operating from 0-6 GHz

Interface Mating Dimensions



Male				Female			
LTR.	Millimeters / Inches			LTR.	Millimeters / Inches		
	Minimum		Maximum		Minimum		Maximum
A	Φ2.30	Φ.091	nominal	A	M5.5*0.5		
B	5.40	.213	5.70	B	Φ3.00	Φ.118	Φ3.06 Φ.120
C	Φ0.47	Φ.018	Φ0.52	C	Φ4.03	Φ.159	Φ4.14 Φ.163
D			1.15	D	0.50	.020	0.60 .024
E			5.50	E	1.80	.071	1.90 .075
F	4.50	.177		F	30° ± 2°		
G	Φ1.00	Φ.039	nominal	G	5.80	.228	5.90 .232
H				H	6.40	.252	6.50 .256
I				I	1.15	.045	1.75 .069
J				J	4.50	.177	
K				K	Φ1.00	Φ.039	nominal
L				L	R0.75	R .030	R0.85 R .033
				M			R0.30 R .011
				N	Φ3.53	Φ.139	Φ3.60 Φ.142

1.0/2.3 Technical Data

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)	Gold plating
	Phosphor bronze pre(QQ-B-750 or JIS-C5441B)	
Insulator	PTFE	None

Electrical:

Nominal impedance	50Ω
Frequency up to	6.0 GHz
VSWR	1.35 Max.
Working voltage	250 Volts rms Max.
Dielectric withstanding voltage	500 Volts rms Min.
Insulation resistance	1000 MΩ min.
Contact resistance	Center conductor 4.0 mΩ initial
	Outer conductor 2.0 mΩ initial

Mechanical & Environmental:

Mating	Snap on coupling
Cable retention	2.3 Kgf typical
Durability	≥ 500 cycles
Engagement force	2.75 Kgf Max.
Disengagement force	0.4 Kgf Min
Temperature range	-55°C to +155°C
Vibration	Per MIL-STD-202 Method 204 Test Condition D
Corrosion	Per MIL-STD-202 Method 101 Test Condition B

1.0/2.3 Connector



P/N:11040448

1.0/2.3(F) R/A Bulkhead Jack Receptacle For ST212



P/N:06040110

1.0/2.3(M) S/T Plug For RG-179(75 Ohm)



P/N:11040110

1.0/2.3(M) S/T Plug For RG-179(75 Ohm)



P/N:11040348

1.0/2.3(M) R/A Plug Push-Lock Type For ST212(75 Ohm)

1.0/2.3 Connector



P/N:10040634

1.0/2.3(F) R/A Jack For P.C.B Mount



P/N:10040534

1.0/2.3(F) R/A Jack For P.C.B Mount