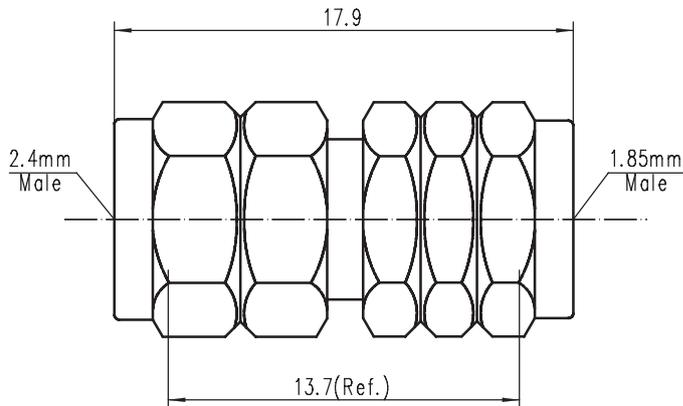


ADAPTOR

2.4mm Male – 1.85mm Male

2.4mm/1.85mm-JJG



Code: 100104

Electrical data

Impedance	50 Ω	
Frequency	DC to 50 GHz	
Return loss	≥ 19 dB, DC to 50 GHz	
Insertion loss	≤ 0.05 × √f(GHz) dB	
Insulation resistance	≥ 5 GΩ	
Center contact resistance	≤ 4.0 mΩ , 2.4 side	≤ 6.0 mΩ, 1.85 side
Outer contact resistance	≤ 2.5mΩ , 2.4 side	≤ 2.0 mΩ , 1.85 side
Test voltage	500 V rms	
Working voltage	150 V rms	
RF leakage	≥ 100 dB up to 1 GHz	

Mechanical data

Mating cycles	≥ 500
Center contact captivation	≥ 20N
Coupling test torque	1.65 Nm
Recommended torque	0.80 Nm to 1.10 Nm

Material and plating

Connector parts	Material	Plating
Center contact	Beryllium copper	Gold, over chemical nickel
Outer contact	Stainless steel	Passivated
Coupling nut	Stainless steel	Passivated
Dielectric	PEI	

Environmental data

Temperature range	-60°C to+125°C
Thermal shock	IEC 61169-1, Subclause 9.4.4
Corrosion	IEC 61169-1, Subclause 9.4.6
Vibration	IEC 61169-1, Subclause 9.3.3
Shock	IEC 61169-1, Subclause 9.3.14
Moisture resistance	IEC 61169-1, Subclause 9.4.3
2002/95/EC (RoHS)	compliant