High Performance SMA Connector PSF-S02-003, 004



GigaLane High Performance SMA Connectors are designed for applications up to 26.5 GHz in the common high frequency substrates and it is suitable for military and microwave frequencies.

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Specification

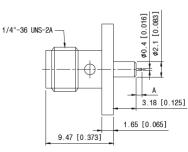
Electrical

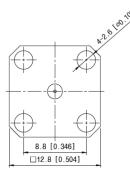
Frequency	DC ~ 26.5 GHz
Impedance	50 Ω
VSWR	1.2 : 1 (@ 18 GHz) 1.3 : 1 (@ 26.5 GHz)
Insulation Resistance	5000 ΜΩ
Dielectric Withstand Voltage	1000 Vrms Max
Contact Resistance - Outer Conductor - Inner Conductor	2mm Ω max 3mm Ω max
Insertion Loss	0.4 dB max(@26.5 GHz)
RF Leakage	-90 dB
Power Handling	200W (@2 GHz)

Environmental

Temperature	- 40℃ to + 125℃	
Thermal Shock	MIL-STD-202, Method 107, Condition B	
Corrosion (salt Spray)	MIL-STD-202, Method 101, Condition B, 5% salt	
Shock	MIL-STD-202, Method 213, Condition I	
Vibration	MIL-STD-202, Method 204, Condition D (20G)	
Moisture Resistance	MIL-STD-202, Method 106	
Materials		
Body	Stainless Steel (Passivated) Brass (Gold Plated)	
Center Contract	Beryllium Copper / Brass (Gold Plated)	
Insulator	PTFE	

Drawing





	Unit : mm [inch]
Part No.	DIM A
PSF-S02-003	0.80 [0.03]
PSF-S02-004	1.50 [0.06]



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