High Performance SMA Connector PSF-S03-000, 001

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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.

Specification

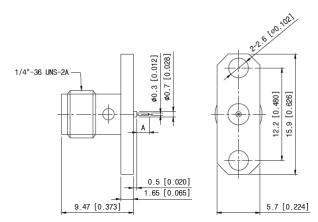
Electrical

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	$2\text{mm }\Omega$ max $3\text{mm }\Omega$ 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-S03-000	2.10 [0.08]
PSF-S03-001	3.50 [0.14]

