SMA Connector PAF-S00-001



GigaLane SMA(Sub Miniature A) connectors are widely used in the frequency range DC to 18 GHz with low loss characteristics. SMA connectors are most used in military, microwave frequencies and telecommunication application.

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Specification

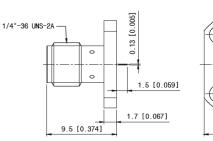
Electrical

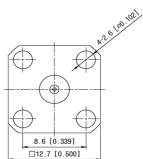
Frequency	DC ~ 18 GHz
Impedance	50 Ω
VSWR	1.2 : 1 (@ 6 GHz) 1.3 : 1 (@ 18GHz)
Insulation Resistance	5000 ΜΩ
Dielectric Withstand Voltage	1000 Vrms Max
Contact Resistance - Outer Conductor - Inner Conductor	$2mm \Omega max$ $3mm \Omega max$
RF Leakage	-90 dB
Power Handling	70W (@2 GHz)

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
Moisture Resistance	MIL-STD-202, Method 106
Materials	
Body	Brass (Gold Plated)
Center Contract	Brass (Gold Plated)
Insulator	PTFE

Drawing





	Unit : mm [inch]
Part No.	PAF-S00-001
Туре	Panel Mount
Gender	Female



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