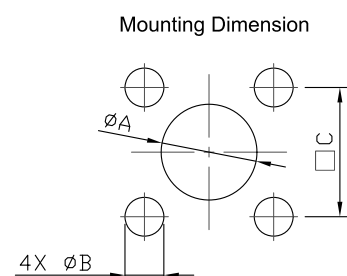
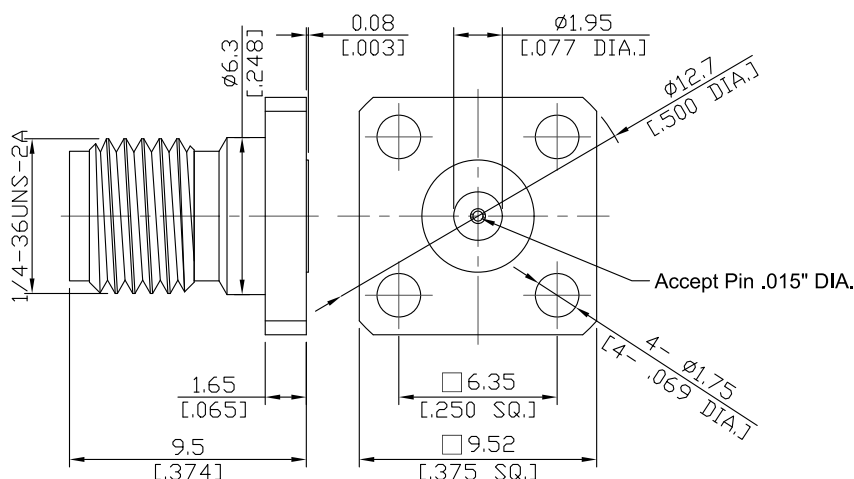


Low PIM, Non-Magnetic SMA Jack (Female) Field-Replaceable 4-Hole Flange Mount Connector, 0.015 inch Pin, 6.35 mm (0.250 inch) Hole Spacing, Metal Contact Ring, DC-18GHz, VSWR1.15

LP-NMSMA2BF50-0015B / 91



	mm		inch	
	Max.	Min.	Max.	Min.
A	2.19	2.06	.086	.081
B	1.85	1.75	.073	.069
C	6.4	6.3	.252	.248

All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

Interface

According to

IEC 60169-15; CECC 22110; MIL-PRF-39012; MIL-STD-348B/310; EN 122110

Electrical Data

Impedance	50 Ω
Frequency	DC to 18 GHz
VSWR (Return Loss)	≤ 1.15 (≥ 23.13 dB)
Insertion Loss	$\leq 0.05 \times \sqrt{F}$ (GHz) dB
Insulation Resistance	≥ 5 G Ω
Center Contact Resistance	≤ 3.0 m Ω
Outer Contact Resistance	≤ 2.0 m Ω
Test Voltage	1000 V rms
Working Voltage	480 V rms
Power handling (at 20 °C, sea level, VSWR 1.0)	≤ 200 W @ 2 GHz

-VSWR in practical applications depends on the installation process-

Material And Plating

Piece Parts	Material	Plating
Centre contact	Beryllium Copper	Gold plating (Non-magnetic nickel-phosphorus underplating)
Body	Brass	Gold plating (Non-magnetic nickel-phosphorus underplating)
Insulator	PTFE	

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LP-NMSMA2BF50-0015B / 91

Mechanical Data

Coupling Mechanisms	Screw-On
Mating Cycles	≥ 500
Captivated Type	Mechanical
Center Contact Captivation: axial	≥ 27 N
Coupling Test Torque	max. 1.70 Nm
Recommended Torque	0.57 Nm

Environmental Data

Temperature Range	-65°C to +165°C
Thermal shock	MIL-STD-202, Meth. 107, Cond. B
Corrosion	MIL-STD-202, Meth. 101, Cond. B
Vibration	MIL-STD-202, Meth. 204, Cond. D
Shock	MIL-STD-202, Meth. 213, Cond. I
Moisture Resistance	MIL-STD-202, Meth. 106
RoHS	compliant

Packing

Single or 100