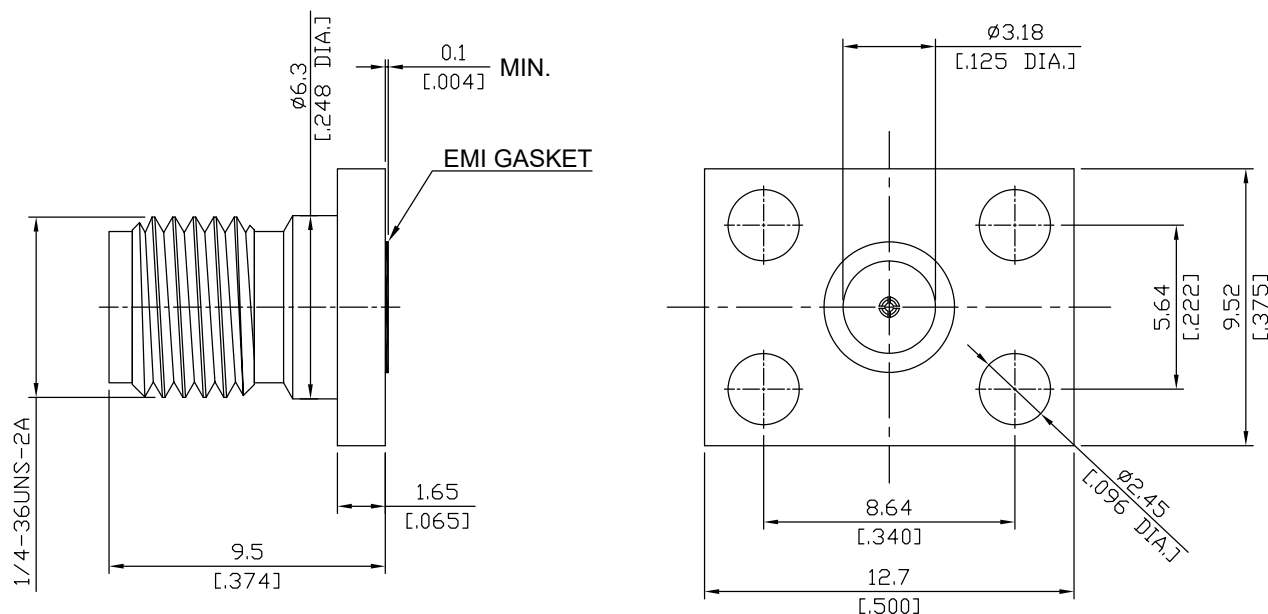


SMA Jack (female) Connector 4 Straight Field Replaceable  
8.64mm (.340 inch) Hole Spacing DC-26.5GHz

**SMA2BF50-0015C / 9X**



All dimensions are in mm [inch]

Tolerances according to DIN ISO 2768-mH

**Interface**

According to

IEC 60169-15; MIL-STD-348B/310

**Electrical Data**

Impedance	50 Ω
Frequency	DC to 26.5 GHz
Insertion Loss	$\leq 0.05 \times \sqrt{F}$ (GHz) dB
Insulation Resistance	$\geq 5$ GΩ
Center Contact Resistance	$\leq 3.0$ mΩ
Outer Contact Resistance	$\leq 2.0$ mΩ
Test Voltage	1000 V rms
Working voltage	480 V rms
Power handling	$\leq 200$ W @ 2 GHz
RF-leakage	$\geq 100$ dB up to 1 GHz

**Material And Plating**

Piece Parts	Material	Plating
Centre contact	Beryllium Copper	Gold plating, 3 μinch (Non-magnetic nickel-phosphorus underplating, 80 μinch)
Body	Stainless Steel	Passivated
Insulator	PTFE	

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**Mechanical Data**

Coupling mechanisms	Screw-lock
Mating Cycles	≥ 500
Captivated Type	Mechanical
Center Contact Captivation: axial	≥ 27 N
Coupling Test Torque	1.70 Nm
Recommended Torque	0.80 Nm to 1.1 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