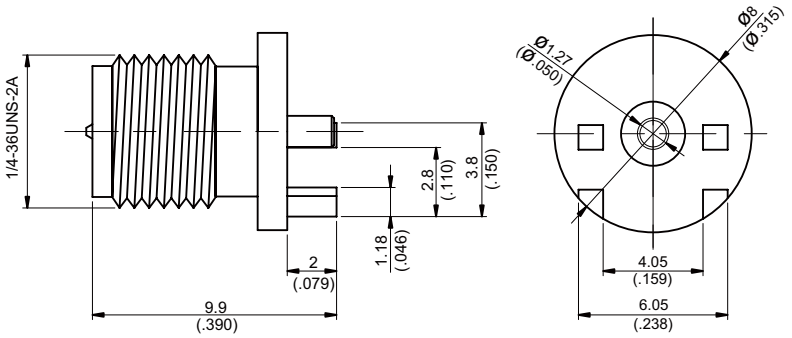
SMA9404-0000	SMA Reverse Polarity Jack PCB Mount End Launch (T=1.62) With Round Contact (Φ1.27); 10GHz VSWR 1.2	50Ω



Parts	Material	Plating (Micro-inch)
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	Teflon	
Body	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20

Weight: 1.24 g

This part number complies with RoHS.

Notice: JYEBAO reserves the right to make modifications deemed appropriate.

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SMA	SMA9404-0000

Interface

Per JYEBAO SMA Reverse Polarity Jack derived from MIL-STD-348B

Electrical Data

Impedance	50Ω
Frequency range	DC to 10GHz
VSWR	≦1.2 (DC to 10GHz)
Insertion loss	≦0.04 x $\sqrt{f(GHz)}$ dB
Insulation resistance	≧5000MΩ
Contact resistance inner conductor	≦3mΩ
Contact resistance outer conductor	≦2mΩ
Dielectric withstanding voltage (at sea level)	1500 V rms
Working voltage (at sea level)	500 V rms

Mechanical Data

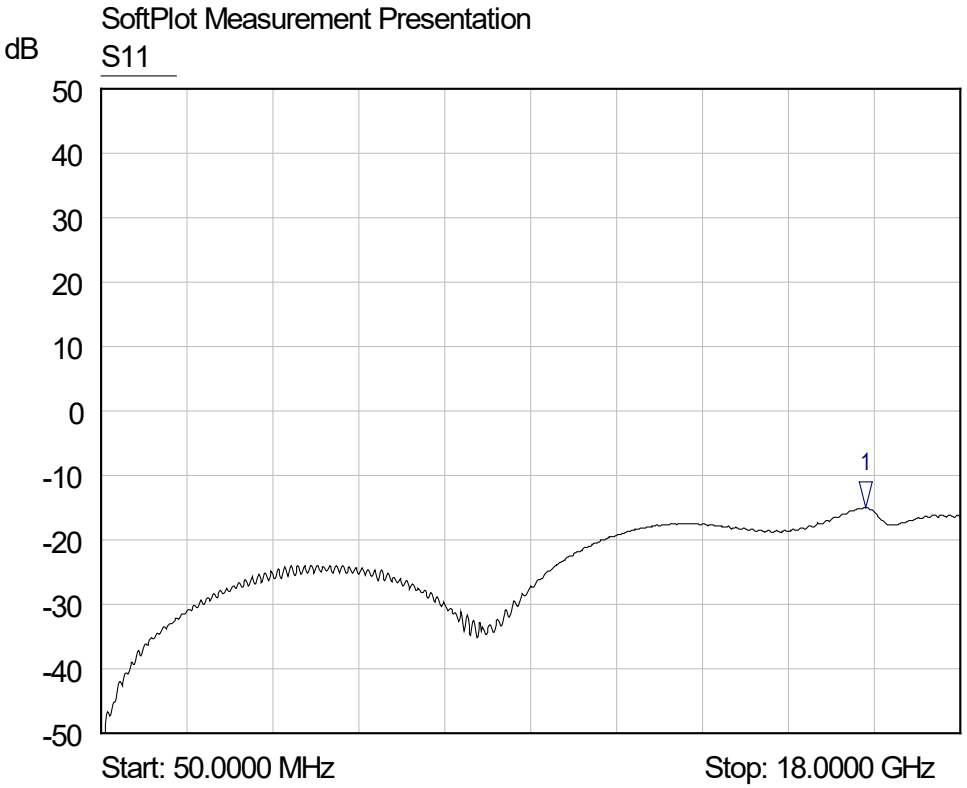
Recommended coupling nut torque	4 inch lbs
Coupling proof torque	5.3 inch lbs
Contact Captivation-axial	≧6.1 lbs
Durability (mating)	≧100

Environmental Data

Temperature range	-65°C to +165°C
Thermal shock	MIL-STD-202, Method 107, Condition B
Moisture resistance	MIL-STD-202, Method 106
Corrosion	MIL-STD-202, Method 101, Condition B
RoHS	Compliant

Tooling

SMA9404-0000



Mkr	Trace	X-Axis	Value	Notes
1 ▽	S11	16.0233 GHz	-14.98 dB	