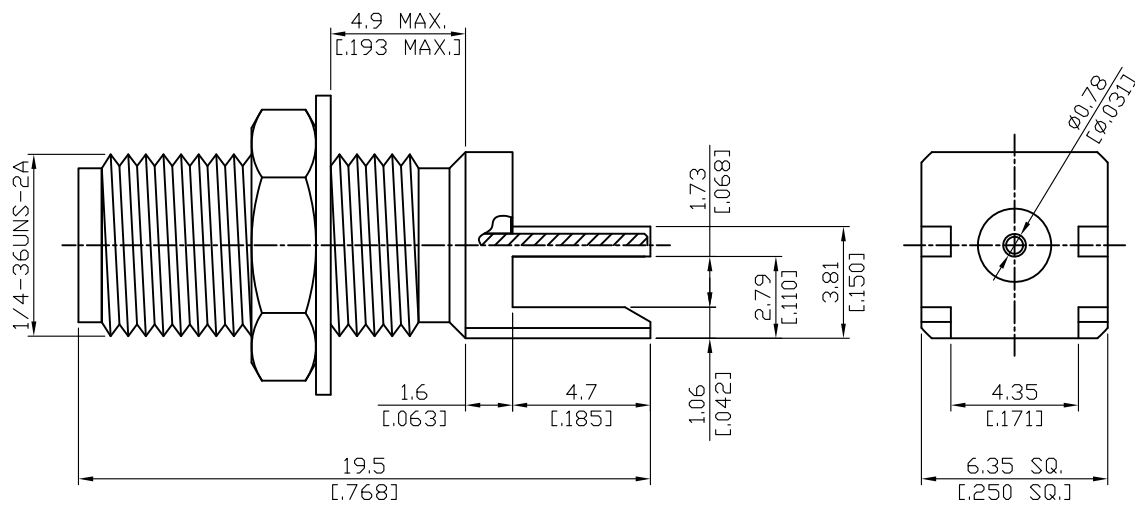


SMA8404-0000

SMA Jack PCB Mount For Bulkhead End Launch (T=1.73)
With Round Contact (Φ0.78); 27GHz VSWR 1.2

50Ω



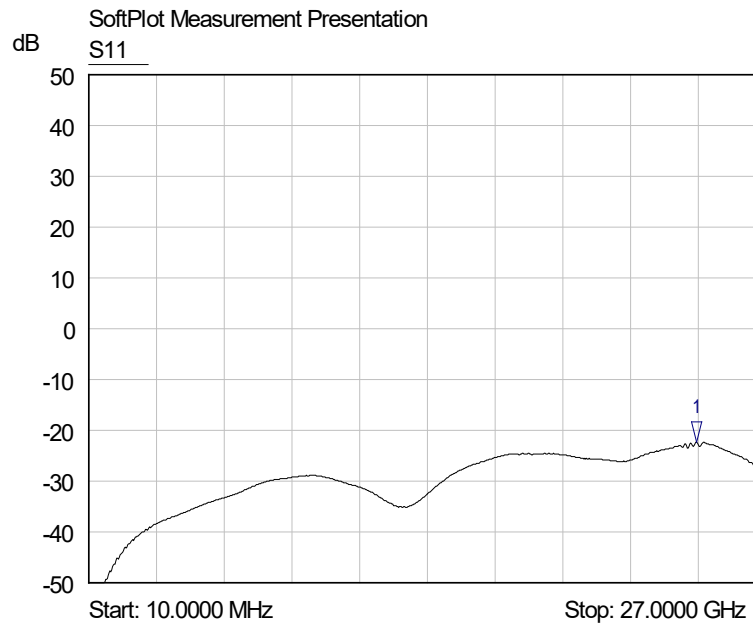
Parts	Material	Plating (Micro-inch)
Hex Nut	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Lock Washer	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	Teflon	
Body	Brass	Gold 4 Over Nickel-Phosphorus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

SMA	SMA8404-0000
Interface MIL-STD-348B Mechanically compatible with2.92 & 3.5	
Electrical Data Impedance50Ω Frequency rangeDC to 27GHz VSWR≤ 1.2 (DC to 27GHz) Insertion loss$\leq 0.04 \times \sqrt{f(\text{GHz})}$ dB Insulation resistance$\geq 5000\text{M}\Omega$ Contact resistance inner conductor$\leq 3\text{m}\Omega$ Contact resistance outer conductor$\leq 2\text{m}\Omega$ Dielectric withstanding voltage (at sea level)1500 V rms Working voltage (at sea level)500 V rms	
Mechanical Data Recommended coupling nut torque4 inch lbs Coupling proof torque5.3 inch lbs Contact Captivation-axial≥ 6.1 lbs Durability (mating)≥ 100	
Environmental Data Temperature range-65°C to +165°C Thermal shockMIL-STD-202, Method 107, Condition B Moisture resistanceMIL-STD-202, Method 106 CorrosionMIL-STD-202, Method 101, Condition B RoHSCompliant	
Tooling	

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

SMA8404-0000

S11



1 S11
▽ 24.2335 GHz
-22.36 dB

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