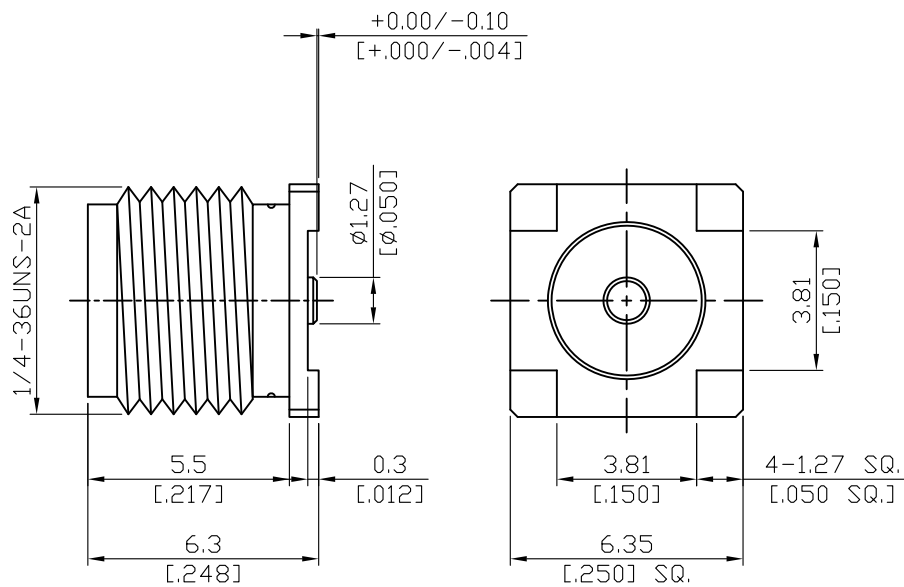


SMA8400SA-0000

SMA Jack PCB Surface Mount
With Round Contact (Φ1.27); 18GHz VSWR 1.25 50Ω

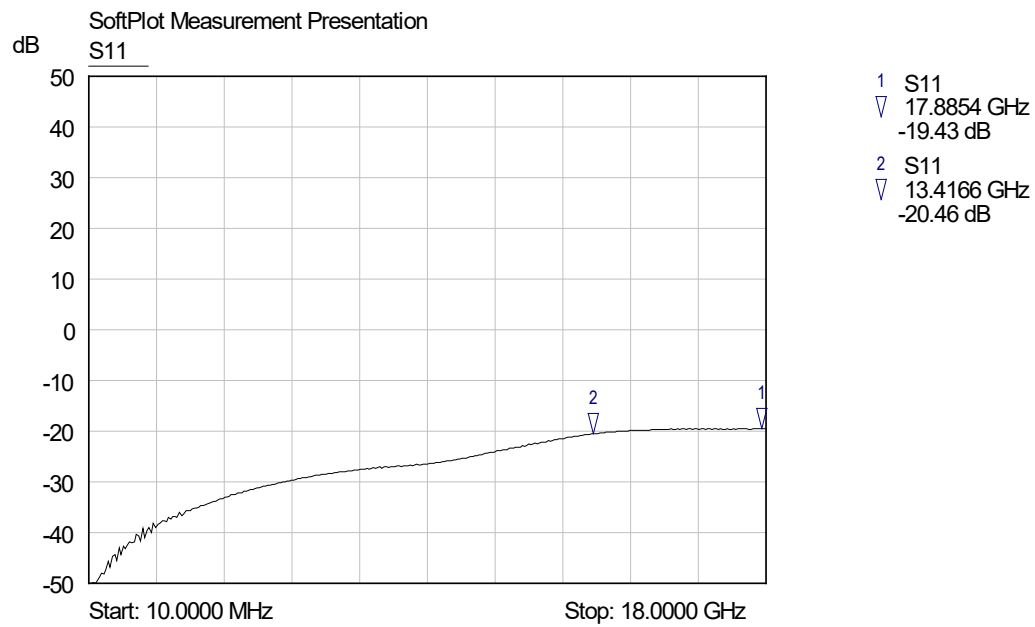


Parts	Material	Plating (Micro-inch)
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	Teflon	
Body	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20

SMA	SMA8400SA-0000
Interface MIL-STD-348B Mechanically compatible with2.92 & 3.5	
Electrical Data Impedance50Ω Frequency rangeDC to 18GHz VSWR≤ 1.25 (DC to 18GHz) Insertion loss≤ 0.04 x √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 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	

SMA8400SA-0000

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勝特力電材超市-龍山店 886-3-5773766
勝特力電材超市-光復店 886-3-5729570
勝特力电子(上海) 86-21-34970699
勝特力电子(深圳) 86-755-83298787
<http://www.100y.com.tw>