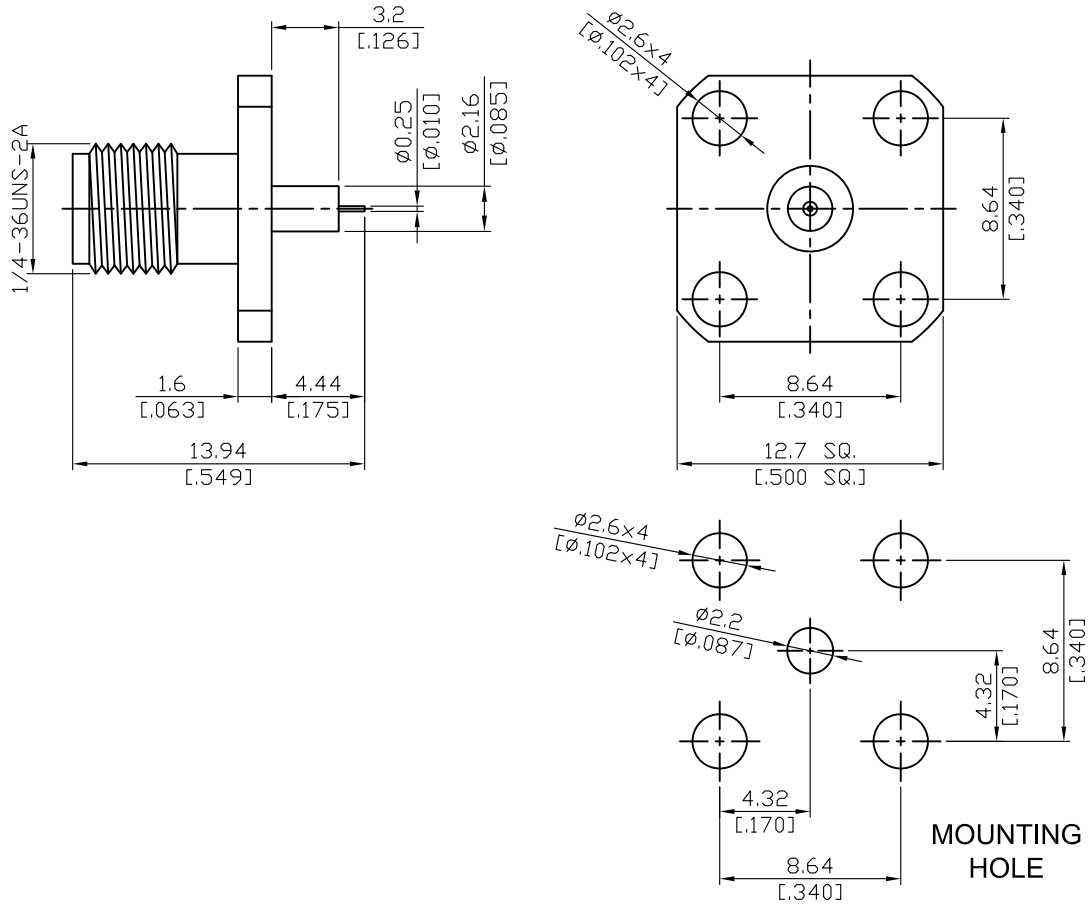


SMA864NS-0044

SMA Jack SQ 12.7mm 4 Hole Flange With Round Contact ($\Phi 0.25$; L=1.24); PTFE L=3.2; 24GHz VSWR 1.2

50 Ω



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

This part number complies with RoHS.

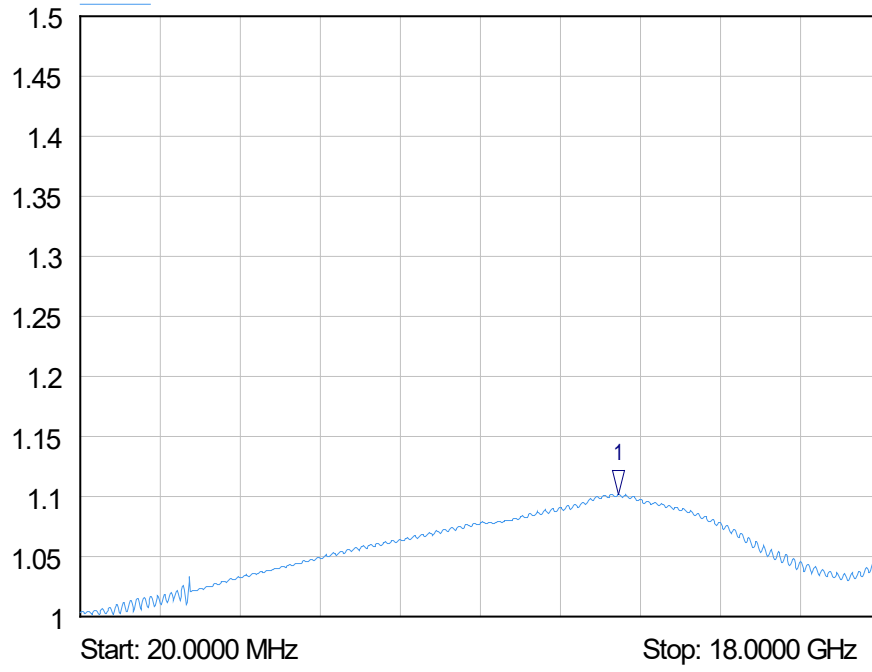
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

SMA	SMA864NS-0044
<div data-bbox="167 347 568 392" style="border: 1px solid black; padding: 2px;">Interface</div> <p>MIL-STD-348B</p> <p>Mechanically compatible with 2.92 & 3.5</p>	
<div data-bbox="167 515 568 560" style="border: 1px solid black; padding: 2px;">Electrical Data</div> <p>Impedance 50Ω</p> <p>Frequency range DC to 24GHz</p> <p>VSWR ≤ 1.2 (DC to 24GHz)</p> <p>Insertion loss ≤ 0.04 x √f(GHz) dB</p> <p>Insulation resistance ≥ 5000MΩ</p> <p>Contact resistance inner conductor ≤ 3mΩ</p> <p>Contact resistance outer conductor ≤ 2mΩ</p> <p>Dielectric withstanding voltage (at sea level) 1500 V rms</p> <p>Working voltage (at sea level) 500 V rms</p>	
<div data-bbox="167 1057 568 1102" style="border: 1px solid black; padding: 2px;">Mechanical Data</div> <p>Recommended coupling nut torque 7 to 9.5 inch lbs</p> <p>Coupling proof torque 15 inch lbs</p> <p>Contact Captivation-axial ≥ 6.1 lbs</p> <p>Durability (mating) ≥ 500</p>	
<div data-bbox="167 1411 568 1456" style="border: 1px solid black; padding: 2px;">Environmental Data</div> <p>Temperature range -65°C to +165°C</p> <p>Thermal shock MIL-STD-202, Method 107, Condition B</p> <p>Moisture resistance MIL-STD-202, Method 106</p> <p>Corrosion MIL-STD-202, Method 101, Condition B</p> <p>RoHS Compliant</p>	
<div data-bbox="167 1765 568 1809" style="border: 1px solid black; padding: 2px;">Tooling</div>	

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SoftPlot Measurement Presentation
VSWR S22



1 S22
▽ 12.1200 GHz
1.10 VSWR