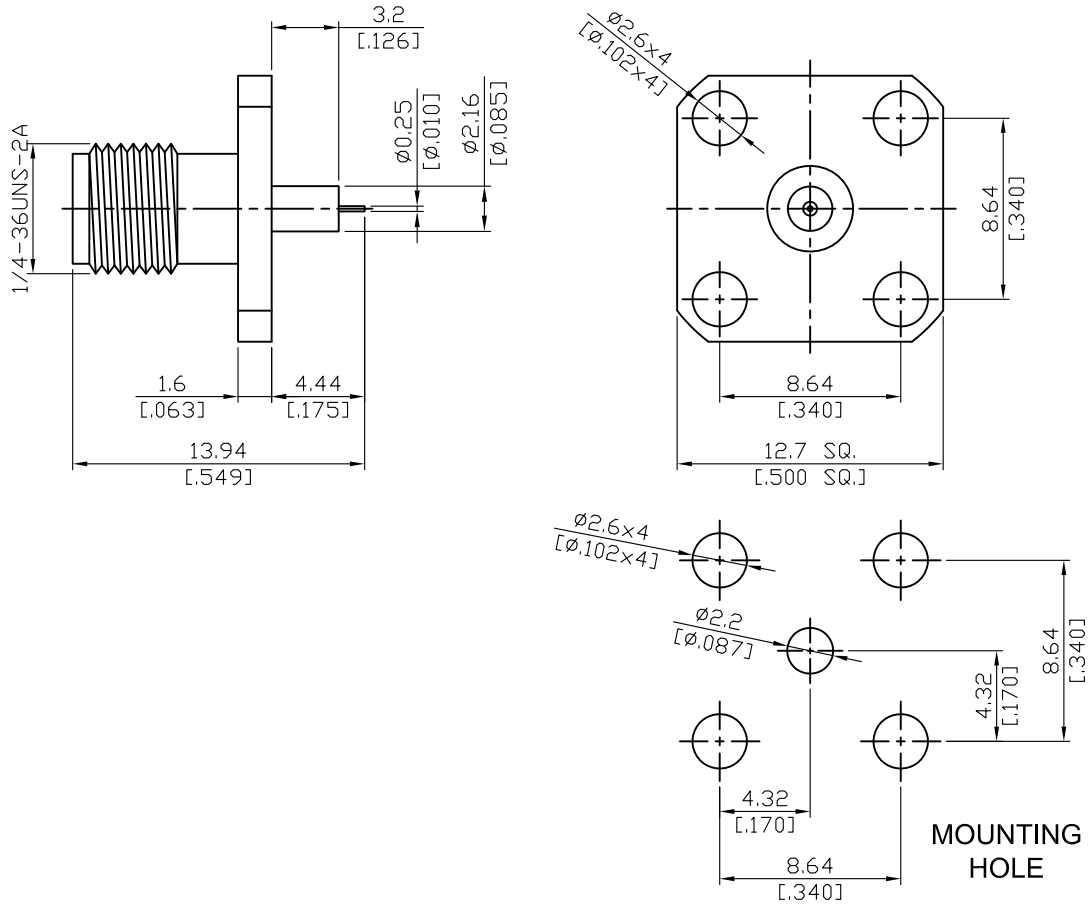


SMA864NSG-0044

SMA Jack SQ 12.7mm 4 Hole Flange With Round Contact ( $\Phi 0.25$ ;  $L=1.24$ ); PTFE  $L=3.2$ ; 18GHz VSWR 1.2 50 $\Omega$



Parts	Material	Plating ( Micro-inch )
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	Teflon	
Body	Stainless Steel	Gold 5 over Nickel 50 over Copper 50

This part number complies with RoHS.

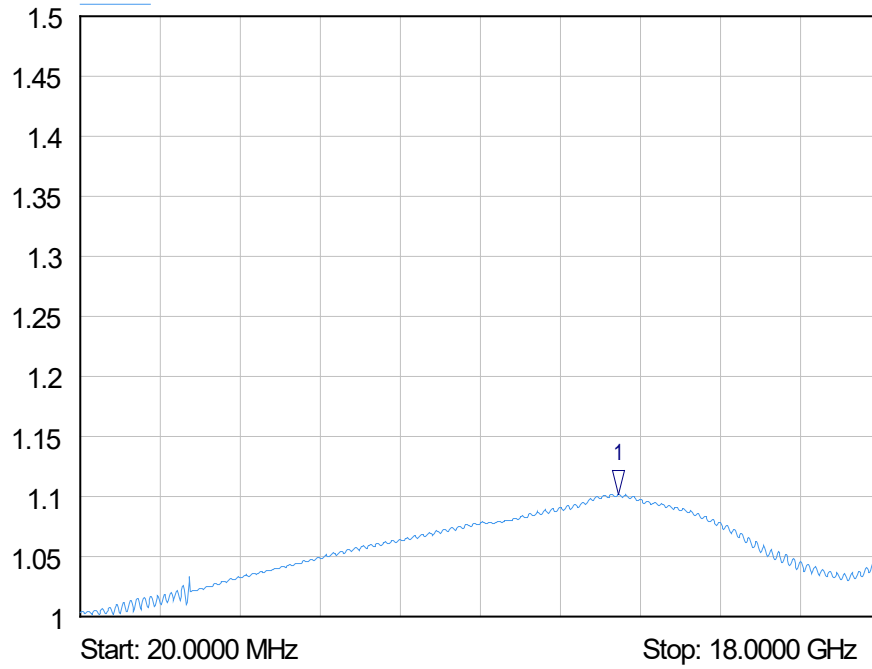
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

SMA	SMA864NSG-0044
<div data-bbox="167 344 568 389" style="border: 1px solid black; padding: 2px;">Interface</div> <p>MIL-STD-348B Mechanically compatible with 2.92 &amp; 3.5</p>	
<div data-bbox="167 512 568 557" style="border: 1px solid black; padding: 2px;">Electrical Data</div> <p>Impedance 50Ω Frequency range DC to 18GHz VSWR <math>\leq 1.2</math> (DC to 18GHz) Insertion loss <math>\leq 0.04 \times \sqrt{f(\text{GHz})}</math> dB Insulation resistance <math>\geq 5000\text{M}\Omega</math> Contact resistance inner conductor <math>\leq 3\text{m}\Omega</math> Contact resistance outer conductor <math>\leq 2\text{m}\Omega</math> Dielectric withstanding voltage (at sea level) 1500 V rms 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 Coupling proof torque 15 inch lbs Contact Captivation-axial <math>\geq 6.1</math> lbs Durability (mating) <math>\geq 500</math></p>	
<div data-bbox="167 1413 568 1458" style="border: 1px solid black; padding: 2px;">Environmental Data</div> <p>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</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