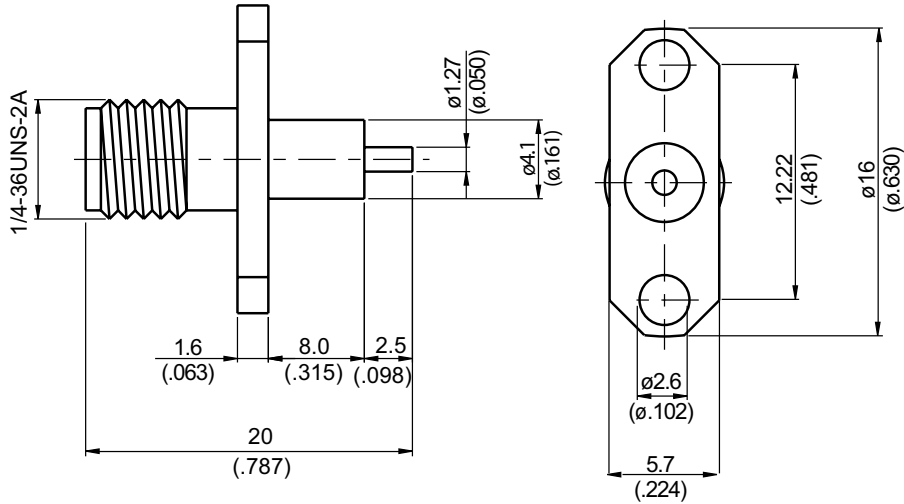
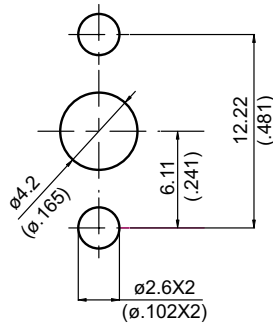


SMA862PN-0000

SMA Jack  $\phi 16\text{mm}$  2 Hole Flange With Round Contact ( $\Phi 1.27$ ;  $L=2.5$ ), PTFE  $L=8$ ; 10GHz VSWR 1.2 **50 $\Omega$**



MOUNTING HOLE :



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: 2.02 g

This part number complies with RoHS.

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

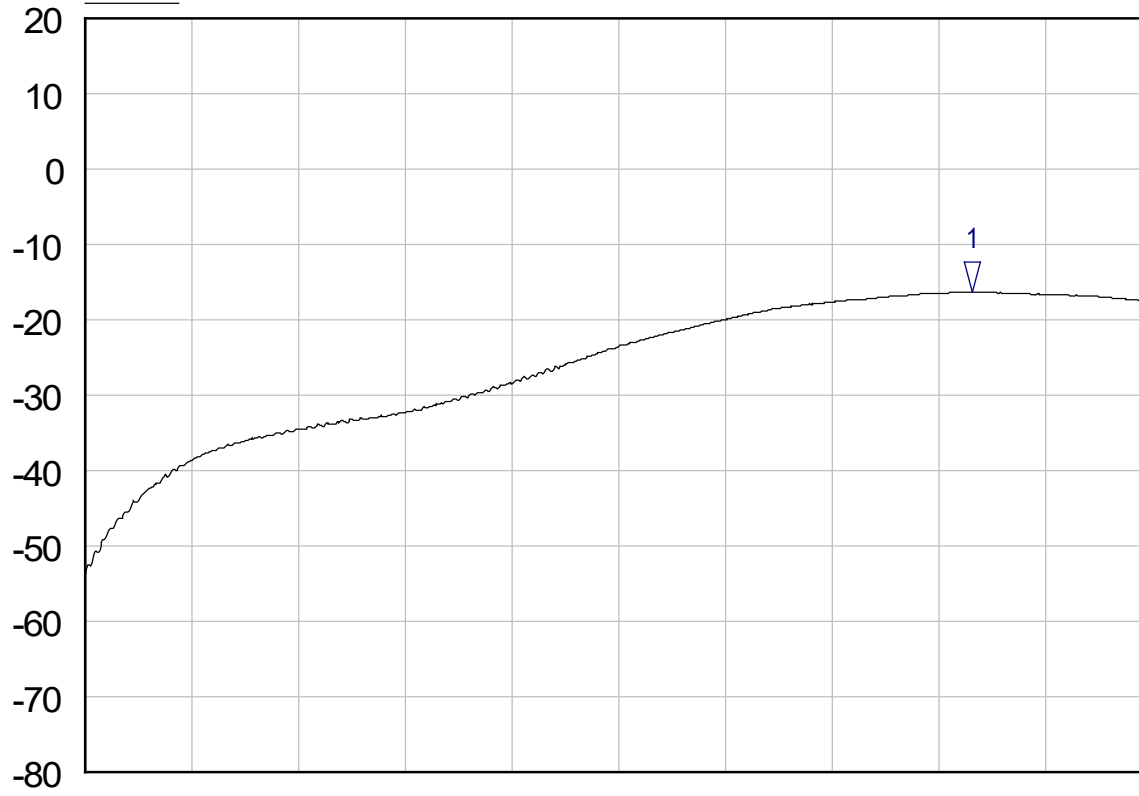
SMA	SMA862PN-0000
<div data-bbox="167 383 568 427" style="border: 1px solid black; padding: 2px;">Interface</div> <p>MIL-STD-348B</p> <p>Mechanically compatible with 2.92 &amp; 3.5</p>	
<div data-bbox="167 551 568 595" style="border: 1px solid black; padding: 2px;">Electrical Data</div> <p>Impedance 50Ω</p> <p>Frequency range DC to 10GHz</p> <p>VSWR <math>\leq 1.2</math> (DC to 10GHz)</p> <p>Insertion loss <math>\leq 0.04 \times \sqrt{f(\text{GHz})}</math> dB</p> <p>Insulation resistance <math>\geq 5000\text{M}\Omega</math></p> <p>Contact resistance inner conductor <math>\leq 3\text{m}\Omega</math></p> <p>Contact resistance outer conductor <math>\leq 2\text{m}\Omega</math></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 1093 568 1137" style="border: 1px solid black; padding: 2px;">Mechanical Data</div> <p>Recommended coupling nut torque 4 inch lbs</p> <p>Coupling proof torque 5.3 inch lbs</p> <p>Coupling nut retention force <math>\geq 60.7</math> lbs</p> <p>Contact Captivation-axial <math>\geq 6.1</math> lbs</p> <p>Durability (mating) <math>\geq 100</math></p>	
<div data-bbox="167 1400 568 1444" 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 1749 568 1794" style="border: 1px solid black; padding: 2px;">Tooling</div>	

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SMA862PN-0000

SoftPlot Measurement Presentation  
S11

dB



Start: 20.0000 MHz

Stop: 18.0000 GHz

1 S11  
▽ 14.9600 GHz  
-16.30 dB