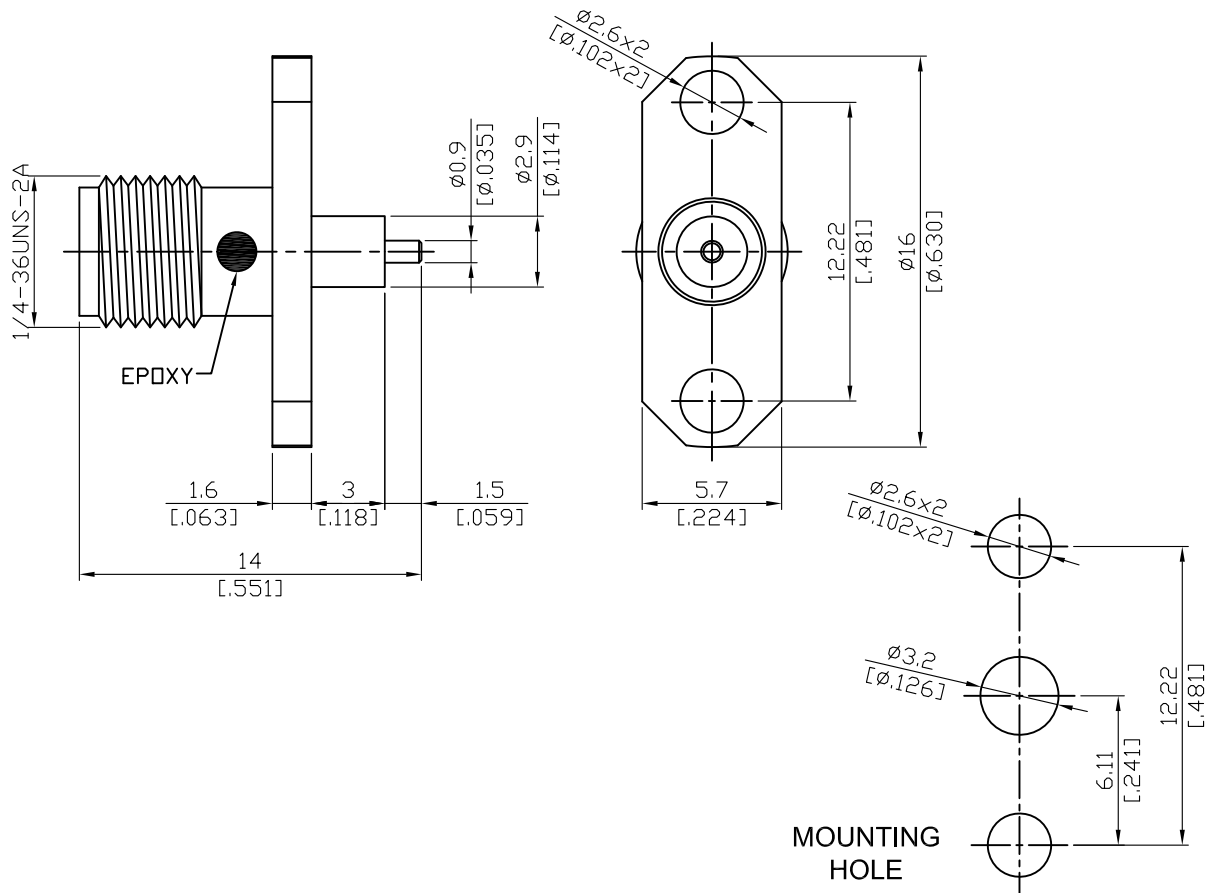


SMA862N4-00AB

SMA Jack $\phi 16\text{mm}$ 2 Hole Flange With Round Contact
($\phi 0.9$; $L=1.5$), PTFE $L=3$; 9GHz 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	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20

Weight: 1.72g

This part number complies with RoHS.

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

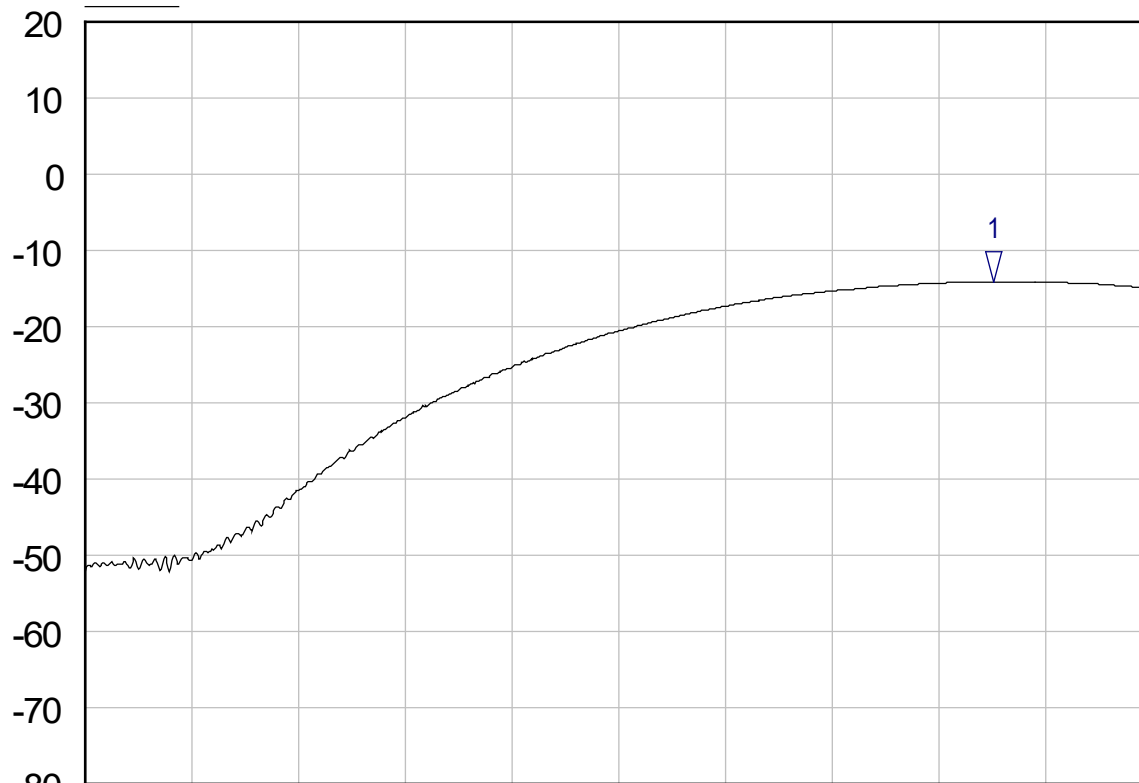
SMA	SMA862N4-00AB
<div data-bbox="167 383 568 432" style="border: 1px solid black; padding: 2px;">Interface</div> <p>MIL-STD-348B</p> <p>Mechanically compatible with 2.92 & 3.5</p>	
<div data-bbox="167 551 568 600" style="border: 1px solid black; padding: 2px;">Electrical Data</div> <p>Impedance 50Ω</p> <p>Frequency range DC to 9GHz</p> <p>VSWR ≤ 1.2 (DC to 9GHz)</p> <p>Insertion loss $\leq 0.04 \times \sqrt{f(\text{GHz})}$ dB</p> <p>Insulation resistance $\geq 5000\text{M}\Omega$</p> <p>Contact resistance inner conductor $\leq 3\text{m}\Omega$</p> <p>Contact resistance outer conductor $\leq 2\text{m}\Omega$</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 1142" 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>Contact Captivation-axial ≥ 6.1 lbs</p> <p>Durability (mating) ≥ 100</p>	
<div data-bbox="167 1400 568 1449" style="border: 1px solid black; padding: 2px;">Environmental Data</div> <p>Temperature range -40°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 1751 568 1800" style="border: 1px solid black; padding: 2px;">Tooling</div>	

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SMA862N4-00AB

SoftPlot Measurement Presentation
S11

dB



Start: 20.0000 MHz

Stop: 18.0000 GHz

1 S11
▽ 15.3200 GHz
-14.09 dB