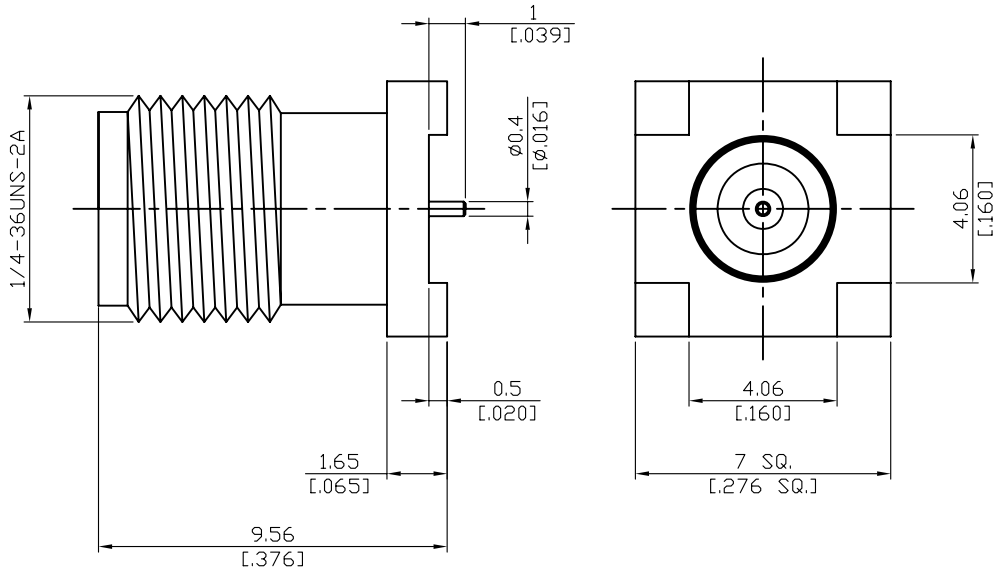


K8400A1-0000

2.92mm jack PCB surface mount with round contact ( $\Phi 0.4$ ); 40GHz VSWR 1.35

50 $\Omega$



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

This part number complies with RoHS.

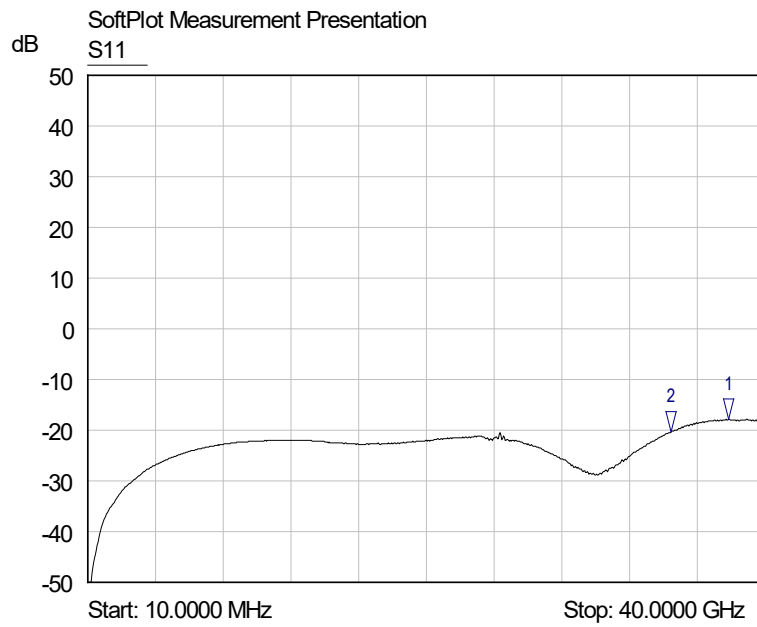
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

2.92 (K)	K8400A1-0000
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Interface</div> <p>MIL-STD-348B Mechanically compatible with 3.5 &amp; SMA</p>	
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Electrical Data</div> <p>Impedance 50Ω Frequency range DC to 40GHz VSWR <math>\leq 1.35</math> (DC to 40GHz) 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) 750 V rms Working Voltage (at sea level) 250 V rms RF leakage <math>\geq 100\text{dB}</math> to 1GHz</p>	
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Mechanical Data</div> <p>Recommended coupling nut torque 11.47 inch lbs Coupling proof torque 15 inch lbs Contact Captivation-axial <math>\geq 4.9</math> lbs Durability (mating) <math>\geq 500</math></p>	
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Environmental Data</div> <p>Temperature range -40°C to +165°C Thermal shock MIL-STD-202, Method 107, Condition B Moisture resistance MIL-STD-202, Method 206 Corrosion MIL-STD-202, Method 101, Condition B RoHS Compliant</p>	
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Tooling</div>	

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

# K8400A1-0000

S11



- 1 S11  
▽ 37.8505 GHz  
-17.87 dB
- 2 S11  
▽ 34.4514 GHz  
-20.39 dB