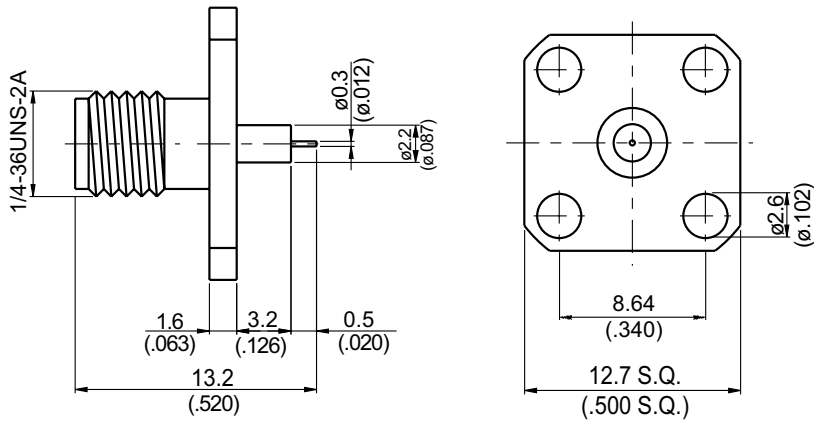
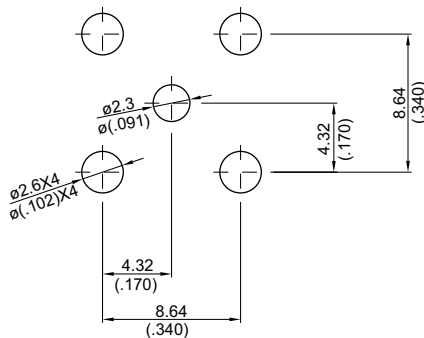


SMA864N1S-0000

SMA Jack SQ 12.7mm 4 Hole Flange
With Round Contact (Φ0.3;L=0.5); PTFE L=3.2; 50Ω
18GHz VSWR 1.2; 27GHz VSWR 1.35



MOUNTING HOLE :



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

This part number complies with RoHS.

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

SMA	SMA864N1S-0000
<div data-bbox="167 344 568 389" 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="167 512 568 557" style="border: 1px solid black; padding: 2px;">Electrical Data</div> <p>Impedance 50Ω</p> <p>Frequency range DC to 27GHz</p> <p>VSWR ≤ 1.2 (18GHz); ≤ 1.35 (27GHz)</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 1413 568 1458" 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 1765 568 1809" style="border: 1px solid black; padding: 2px;">Tooling</div>	

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