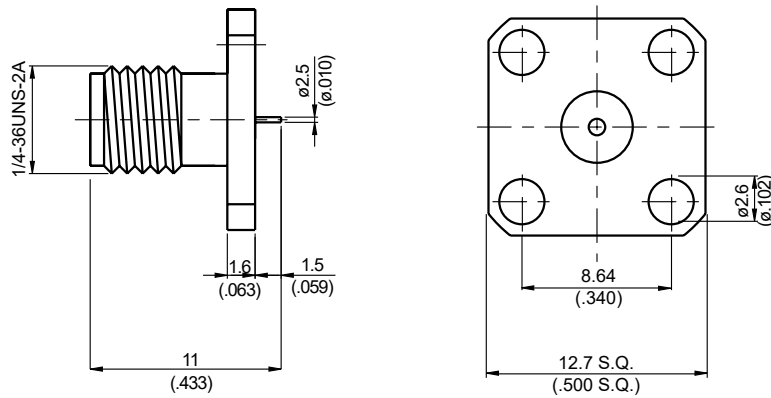


SMA864N5S-0025

SMA Jack SQ 12.7mm 4 Hole Flange  
With Round Contact ( $\Phi 0.25$ ; L=1.5); 18GHz VSWR 1.2  $50\Omega$



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

Weight:

This part number complies with RoHS.

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

SMA	SMA864N5S-0025
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Interface</div> MIL-STD-348B Mechanically compatible with 2.92 & 3.5	
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Electrical Data</div> Impedance 50Ω Frequency range DC to 18GHz VSWR $\leq 1.2$ (DC to 18GHz) Insertion loss $\leq 0.04 \times \sqrt{f(\text{GHz})}$ dB Insulation resistance $\geq 5000\text{M}\Omega$ Contact resistance inner conductor $\leq 3\text{m}\Omega$ Contact resistance outer conductor $\leq 2\text{m}\Omega$ Dielectric withstanding voltage (at sea level) 1500 V rms Working voltage (at sea level) 500 V rms	
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Mechanical Data</div> Recommended coupling nut torque 7 to 9.5 inch lbs Coupling proof torque 15 inch lbs Coupling nut retention force $\geq 60.7$ lbs Contact Captivation-axial $\geq 6.1$ lbs Durability (mating) $\geq 500$	
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Environmental Data</div> 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	
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Tooling</div>	

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