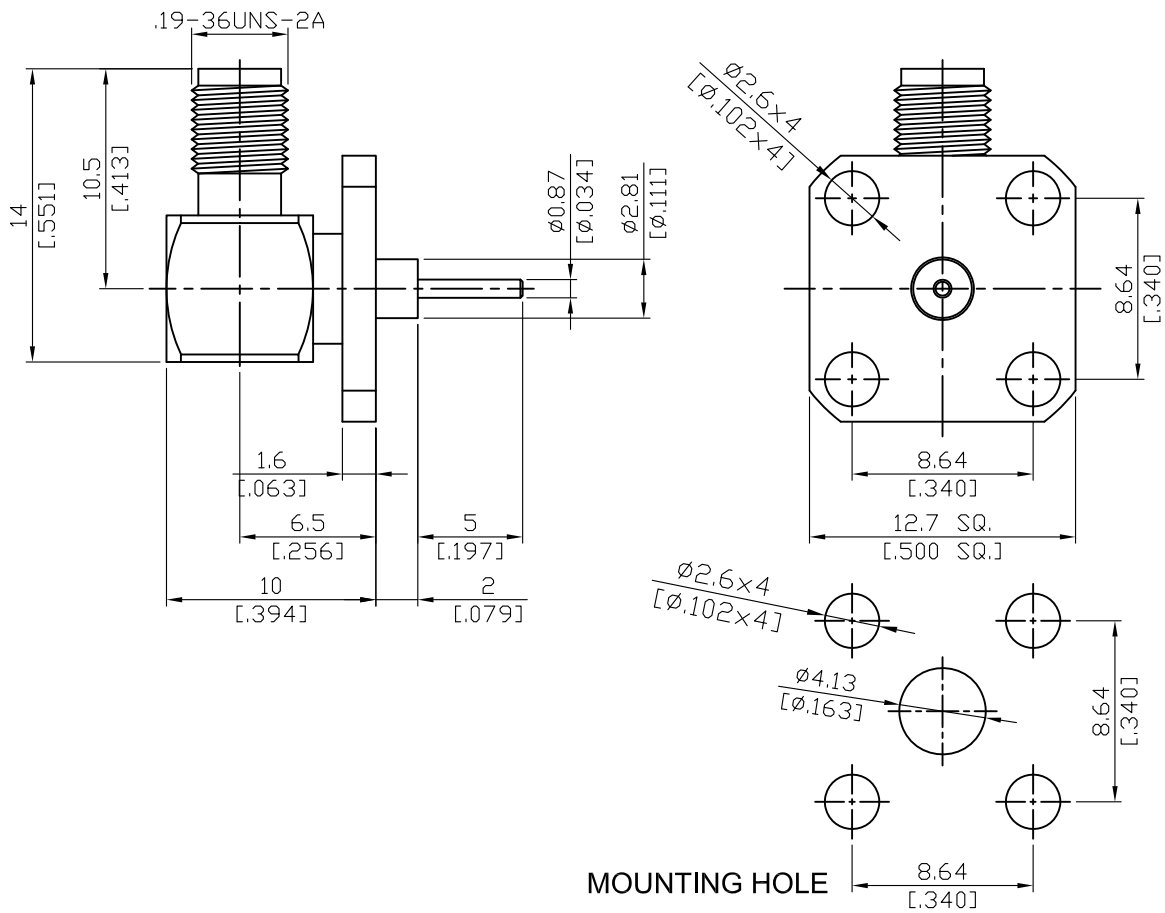


**SSMA864L4S-92/5**

SMA Jack SQ 12.7mm 4 Hole Flange Right Angle With Round Contact (Φ0.87;L=5), PTFE L=2; 12.4GHz VSWR 1.2

**50Ω**



Parts	Material	Plating ( Micro-inch )
Body	Stainless Steel	Passivated
Insulator	Teflon	
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Cover	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50

This part number complies with RoHS.

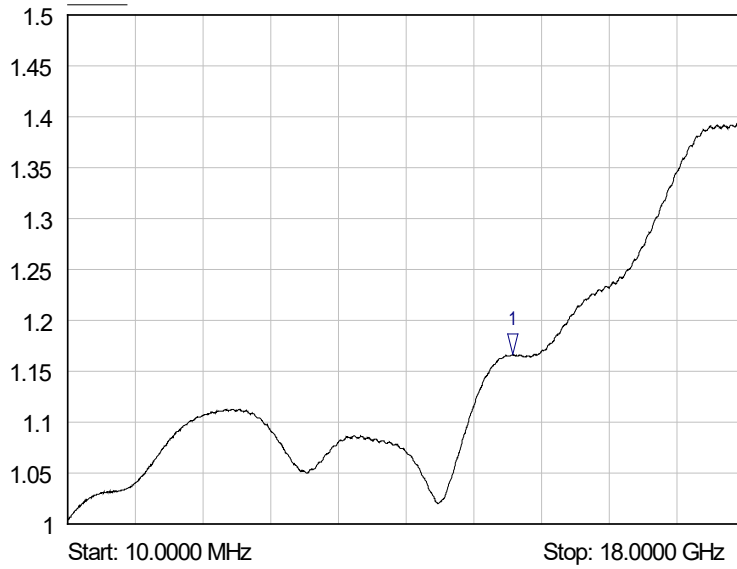
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

SSMA	SSMA864L4S-92/5																		
<div data-bbox="113 300 513 349" style="border: 1px solid black; padding: 2px;">Interface</div> <p>MIL-STD-348B</p>																			
<div data-bbox="113 461 513 510" style="border: 1px solid black; padding: 2px;">Electrical Data</div> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Impedance</td> <td style="width: 50%;">50Ω</td> </tr> <tr> <td>Frequency range</td> <td>DC to 12.4GHz</td> </tr> <tr> <td>VSWR</td> <td>≤ 1.2 (DC to 12.4GHz)</td> </tr> <tr> <td>Insertion loss</td> <td>≤ 0.06 x √f(GHz) dB</td> </tr> <tr> <td>Insulation resistance</td> <td>≥ 5000MΩ</td> </tr> <tr> <td>Contact resistance inner conductor</td> <td>≤ 4mΩ</td> </tr> <tr> <td>Contact resistance outer conductor</td> <td>≤ 2.5mΩ</td> </tr> <tr> <td>Dielectric withstanding voltage (at sea level)</td> <td>750 V rms</td> </tr> <tr> <td>Working Voltage (at sea level)</td> <td>250 V rms</td> </tr> </table>		Impedance	50Ω	Frequency range	DC to 12.4GHz	VSWR	≤ 1.2 (DC to 12.4GHz)	Insertion loss	≤ 0.06 x √f(GHz) dB	Insulation resistance	≥ 5000MΩ	Contact resistance inner conductor	≤ 4mΩ	Contact resistance outer conductor	≤ 2.5mΩ	Dielectric withstanding voltage (at sea level)	750 V rms	Working Voltage (at sea level)	250 V rms
Impedance	50Ω																		
Frequency range	DC to 12.4GHz																		
VSWR	≤ 1.2 (DC to 12.4GHz)																		
Insertion loss	≤ 0.06 x √f(GHz) dB																		
Insulation resistance	≥ 5000MΩ																		
Contact resistance inner conductor	≤ 4mΩ																		
Contact resistance outer conductor	≤ 2.5mΩ																		
Dielectric withstanding voltage (at sea level)	750 V rms																		
Working Voltage (at sea level)	250 V rms																		
<div data-bbox="113 1003 513 1052" style="border: 1px solid black; padding: 2px;">Mechanical Data</div> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Recommended coupling nut torque</td> <td style="width: 50%;">4 inch lbs</td> </tr> <tr> <td>Coupling proof torque</td> <td>5 inch lbs</td> </tr> <tr> <td>Contact captivation-axial</td> <td>≥ 5 lbs</td> </tr> <tr> <td>Durability (mating)</td> <td>≥ 500</td> </tr> </table>		Recommended coupling nut torque	4 inch lbs	Coupling proof torque	5 inch lbs	Contact captivation-axial	≥ 5 lbs	Durability (mating)	≥ 500										
Recommended coupling nut torque	4 inch lbs																		
Coupling proof torque	5 inch lbs																		
Contact captivation-axial	≥ 5 lbs																		
Durability (mating)	≥ 500																		
<div data-bbox="113 1406 513 1456" style="border: 1px solid black; padding: 2px;">Environmental Data</div> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Temperature range</td> <td style="width: 50%;">-65°C to +165°C</td> </tr> <tr> <td>Thermal shock</td> <td>MIL-STD-202, Method 107, Condition A</td> </tr> <tr> <td>Moisture resistance</td> <td>MIL-STD-202, Method 106</td> </tr> <tr> <td>Corrosion</td> <td>MIL-STD-202, Method 101, Condition B</td> </tr> <tr> <td>RoHS</td> <td>Compliant</td> </tr> </table>		Temperature range	-65°C to +165°C	Thermal shock	MIL-STD-202, Method 107, Condition A	Moisture resistance	MIL-STD-202, Method 106	Corrosion	MIL-STD-202, Method 101, Condition B	RoHS	Compliant								
Temperature range	-65°C to +165°C																		
Thermal shock	MIL-STD-202, Method 107, Condition A																		
Moisture resistance	MIL-STD-202, Method 106																		
Corrosion	MIL-STD-202, Method 101, Condition B																		
RoHS	Compliant																		
<div data-bbox="113 1758 513 1807" style="border: 1px solid black; padding: 2px;">Tooling</div>																			

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

# SSMA864L4S-92/5

SoftPlot Measurement Presentation  
VSWR S11



1 S11  
▽ 11.8400 GHz  
1.17 VSWR