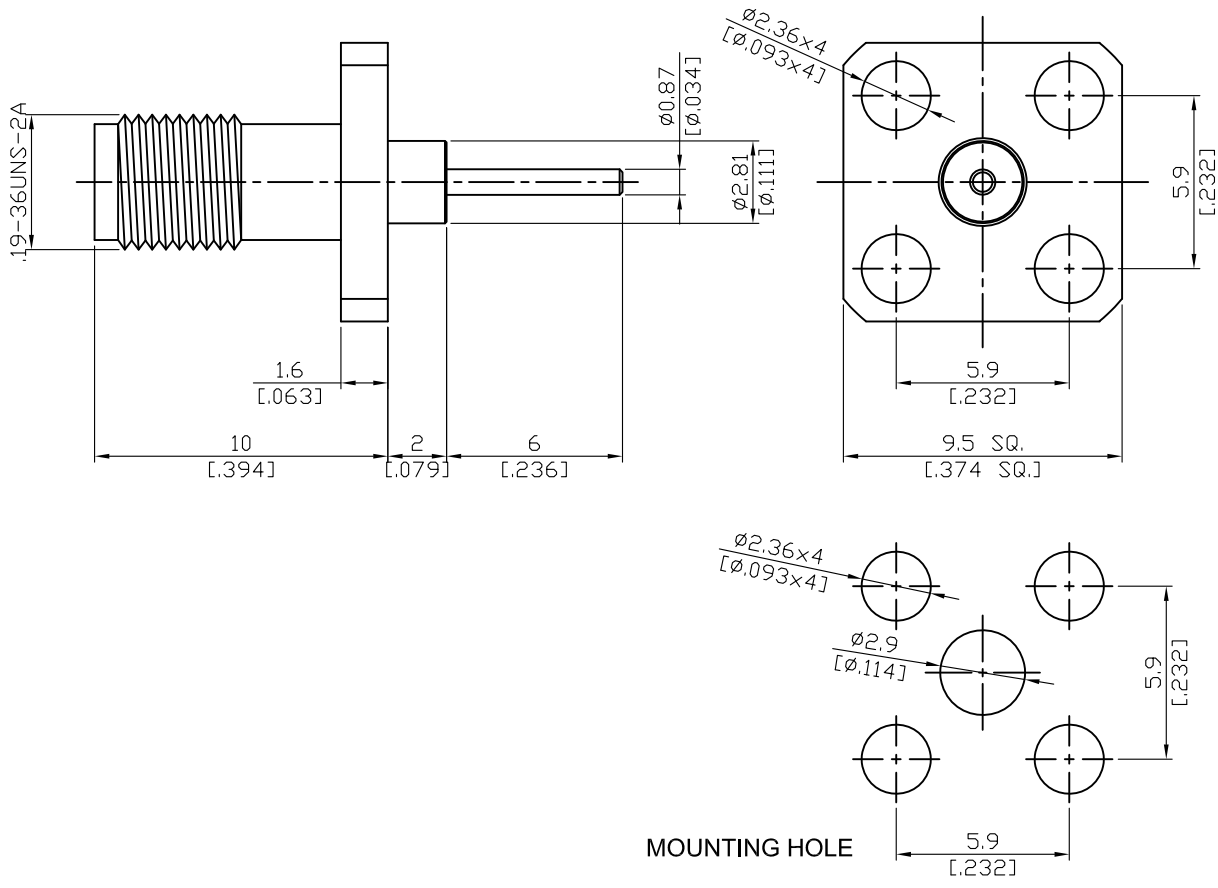


<b>SSMA864S-2/6</b>	SSMA Jack SQ 9.5mm 4 Hole Flange With Round Contact ( $\phi 0.86$ ;L=6), PTFE L=2; 27GHz VSWR 1.3	<b>50<math>\Omega</math></b>
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Parts	Material	Plating ( Micro-inch )
Body	Stainless Steel	Passivated
Insulator	Teflon	
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20

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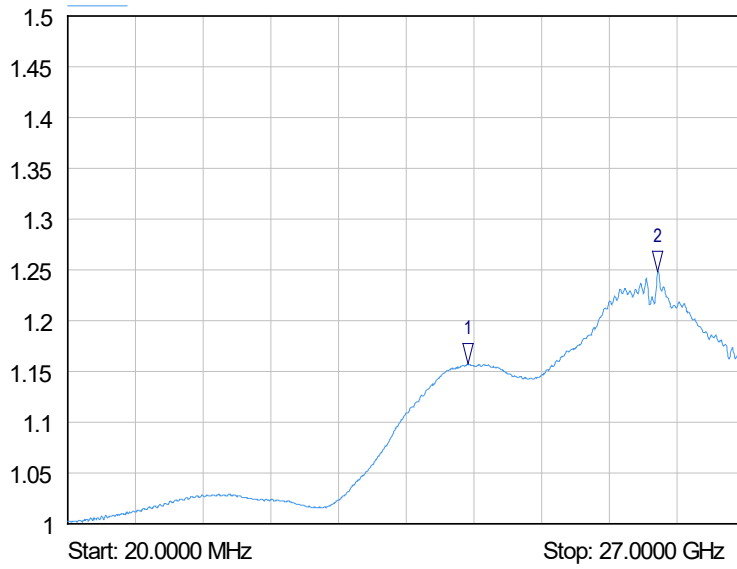
This part number complies with RoHS.  
 Notice: JYEBAO reserves the right to make modifications deemed appropriate.

SSMA	SSMA864S-2/6																		
<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 27GHz</td> </tr> <tr> <td>VSWR</td> <td>≤ 1.3 (DC to 27GHz)</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 27GHz	VSWR	≤ 1.3 (DC to 27GHz)	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
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<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										
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<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								
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<div data-bbox="113 1758 513 1807" style="border: 1px solid black; padding: 2px;">Tooling</div>																			

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# SSMA864S-2/6

SoftPlot Measurement Presentation  
VSWR S22



- 1 S22
- ▽ 15.9600 GHz  
1.16 VSWR
- 2 S22
- ▽ 23.5400 GHz  
1.25 VSWR