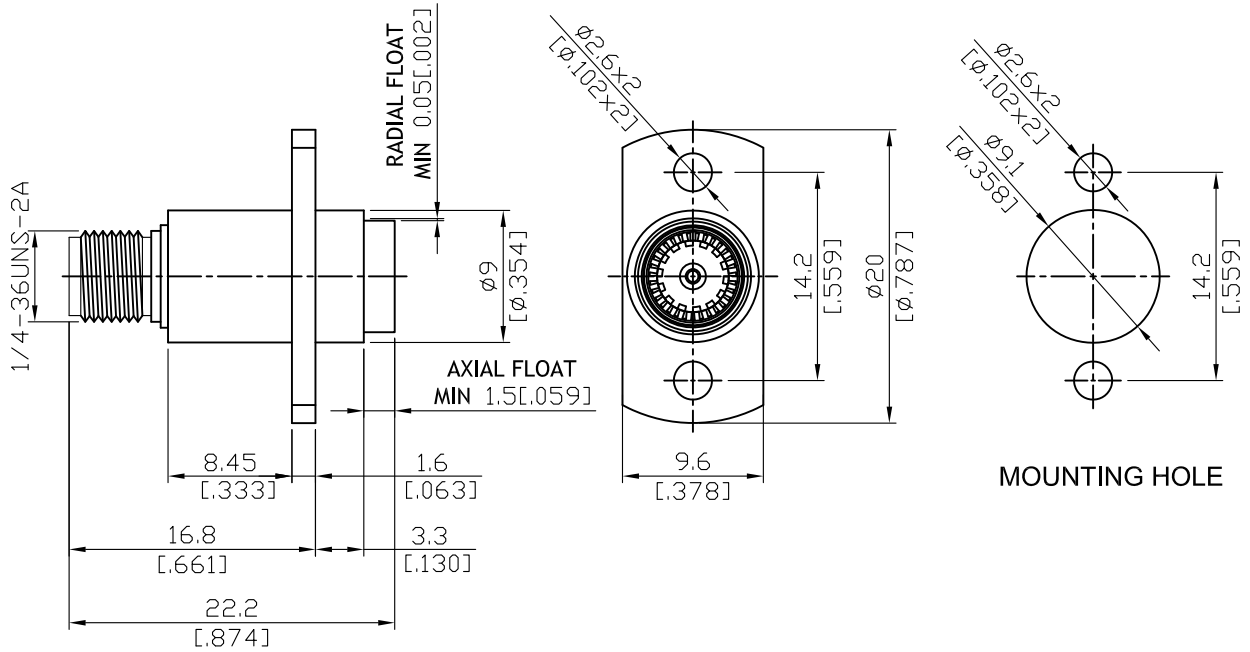


ADS-A8J8-P2	SMA Jack To BMA Jack 2-Hole Flange 18GHz VSWR 1.15	50Ω
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Parts	Material	Plating ( Micro-inch )
Spring	Stainless	
Contact Body	Stainless Steel	Passivated
Spring Washer	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Spring Ring	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Body	Stainless Steel	Passivated
Coupling Nut	Stainless Steel	Passivated

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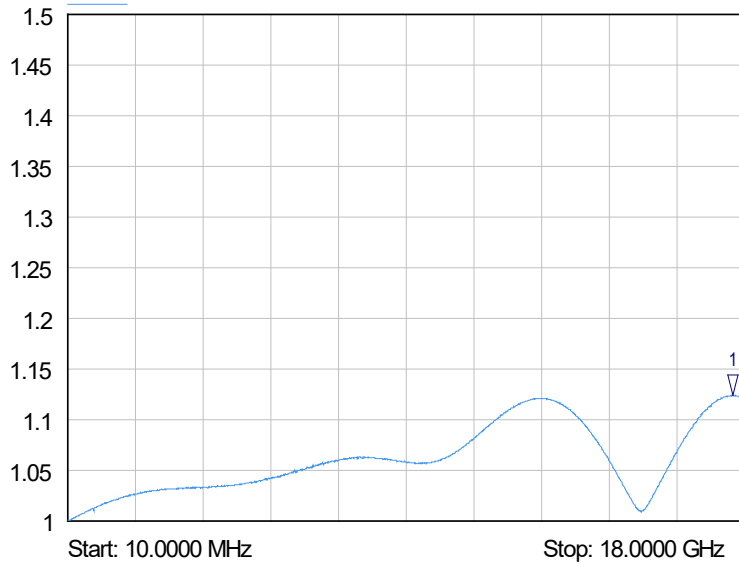
This part number complies with RoHS.  
 Notice: JYEBAO reserves the right to make modifications deemed appropriate.

ADS-A8J8-P2	SMA Jack To BMA Jack 2-Hole Flange 18GHz VSWR 1.15																						
<div style="border: 1px solid black; padding: 2px;">Interface</div> <p>Standard Mechanically compatible with</p>	<table border="1"> <thead> <tr> <th>SMA</th> <th>BMA</th> </tr> </thead> <tbody> <tr> <td>MIL-STD-348B</td> <td>MIL-STD-348B</td> </tr> <tr> <td>2.92 &amp; 3.5</td> <td></td> </tr> </tbody> </table>	SMA	BMA	MIL-STD-348B	MIL-STD-348B	2.92 & 3.5																	
SMA	BMA																						
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2.92 & 3.5																							
<div style="border: 1px solid black; padding: 2px;">Electrical Data</div> <p>Impedance 50Ω            Frequency Range DC To 18GHz            VSWR <math>\leq 1.15</math> (DC To 18GHz)            Insertion Loss <math>\leq 0.05 \times \sqrt{f(\text{GHz})}</math> dB            Insulation Resistance <math>\geq 5000\text{M}\Omega</math>            Dielectric Withstanding Voltage (at sea level) 1500 V rms            Working Voltage (at sea level) 1000 V rms</p>																							
<div style="border: 1px solid black; padding: 2px;">Mechanical Data</div> <table border="1"> <thead> <tr> <th></th> <th>SMA</th> <th>BMA</th> </tr> </thead> <tbody> <tr> <td>Recommended Coupling Nut Torque</td> <td>7 to 9.5 in-lbs</td> <td>NA</td> </tr> <tr> <td>Coupling Proof Torque</td> <td>15 in-lbs</td> <td>NA</td> </tr> <tr> <td>Contact Captivation-axial</td> <td><math>\geq 6.1</math> lbs</td> <td><math>\geq 6.1</math> lbs</td> </tr> <tr> <td>Durability (mating)</td> <td><math>\geq 500</math></td> <td><math>\geq 1000</math></td> </tr> <tr> <td>Engagement Force</td> <td>NA</td> <td><math>\leq 3</math> lbs</td> </tr> <tr> <td>Disengagement Force</td> <td>NA</td> <td><math>\leq 1.5</math> lbs</td> </tr> </tbody> </table>				SMA	BMA	Recommended Coupling Nut Torque	7 to 9.5 in-lbs	NA	Coupling Proof Torque	15 in-lbs	NA	Contact Captivation-axial	$\geq 6.1$ lbs	$\geq 6.1$ lbs	Durability (mating)	$\geq 500$	$\geq 1000$	Engagement Force	NA	$\leq 3$ lbs	Disengagement Force	NA	$\leq 1.5$ lbs
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<div style="border: 1px solid black; padding: 2px;">Environmental Data</div> <p>Temperature Range -65°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>																							

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# ADS-A8J8-P2

SoftPlot Measurement Presentation  
VSWR S22



1 S22  
▽ 17.6900 GHz  
1.12 VSWR