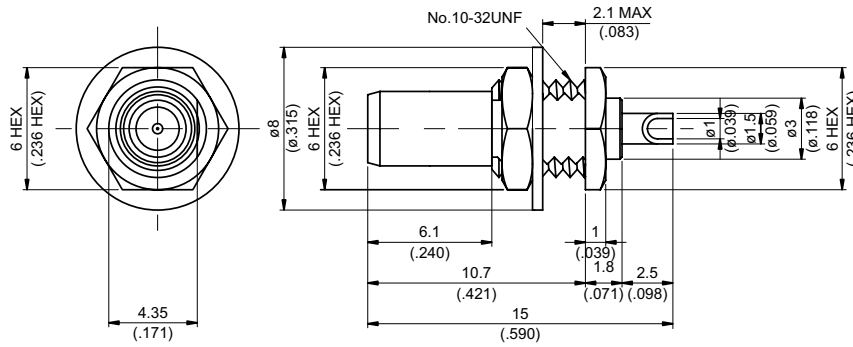


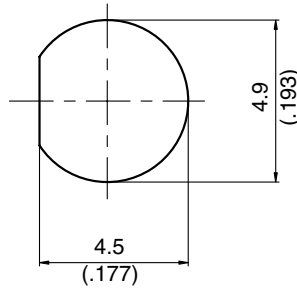
SMS8501-0000

**SMS Jack Bulkhead With Solder Cup Contact;
4GHz VSWR 1.2**

50Ω



MOUNTING HOLE



NOTE: NUT SCREWED ON FROM THE FRONT

Parts	Material	Plating(Micro-inch)
Hex Nut	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Lock Washer	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Contact Pin	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	Teflon	
Body	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20

Weight: 1.13 g

This part number complies with RoHS.

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

SMS	SMS8501-0000																		
<div data-bbox="167 344 568 394" style="border: 1px solid black; padding: 2px;">Interface</div> <p data-bbox="167 400 587 436">Mechanically compatible with</p> <p data-bbox="858 400 930 436" style="text-align: right;">SMB</p>																			
<div data-bbox="167 512 568 562" style="border: 1px solid black; padding: 2px;">Electrical Data</div> <table data-bbox="167 568 1442 987"> <tr> <td>Impedance</td> <td style="text-align: right;">50Ω</td> </tr> <tr> <td>Frequency range</td> <td style="text-align: right;">DC to 4GHz</td> </tr> <tr> <td>VSWR</td> <td style="text-align: right;">≤ 1.2 (DC to 4GHz)</td> </tr> <tr> <td>Insertion loss</td> <td style="text-align: right;">$\leq 0.1 \times \sqrt{f(\text{GHz})}$ dB</td> </tr> <tr> <td>Insulation resistance</td> <td style="text-align: right;">$\geq 10000\text{M}\Omega$</td> </tr> <tr> <td>Contact resistance inner conductor</td> <td style="text-align: right;">$\leq 5\text{m}\Omega$</td> </tr> <tr> <td>Contact resistance outer conductor</td> <td style="text-align: right;">$\leq 2.5\text{m}\Omega$</td> </tr> <tr> <td>Dielectric withstanding voltage (at sea level)</td> <td style="text-align: right;">750 V rms</td> </tr> <tr> <td>Working Voltage (at sea level)</td> <td style="text-align: right;">250 V rms</td> </tr> </table>		Impedance	50Ω	Frequency range	DC to 4GHz	VSWR	≤ 1.2 (DC to 4GHz)	Insertion loss	$\leq 0.1 \times \sqrt{f(\text{GHz})}$ dB	Insulation resistance	$\geq 10000\text{M}\Omega$	Contact resistance inner conductor	$\leq 5\text{m}\Omega$	Contact resistance outer conductor	$\leq 2.5\text{m}\Omega$	Dielectric withstanding voltage (at sea level)	750 V rms	Working Voltage (at sea level)	250 V rms
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<div data-bbox="167 1458 568 1507" style="border: 1px solid black; padding: 2px;">Environmental Data</div> <table data-bbox="167 1514 1442 1738"> <tr> <td>Temperature range</td> <td style="text-align: right;">-65°C to +165°C</td> </tr> <tr> <td>Thermal shock</td> <td style="text-align: right;">MIL-STD-202, Method 107, Condition B</td> </tr> <tr> <td>Moisture resistance</td> <td style="text-align: right;">MIL-STD-202, Method 106</td> </tr> <tr> <td>Contact</td> <td style="text-align: right;">MIL-STD-202, Method 101, Condition B</td> </tr> <tr> <td>RoHS</td> <td style="text-align: right;">Compliant</td> </tr> </table>		Temperature range	-65°C to +165°C	Thermal shock	MIL-STD-202, Method 107, Condition B	Moisture resistance	MIL-STD-202, Method 106	Contact	MIL-STD-202, Method 101, Condition B	RoHS	Compliant								
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<div data-bbox="167 1812 568 1861" style="border: 1px solid black; padding: 2px;">Tooling</div>																			

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