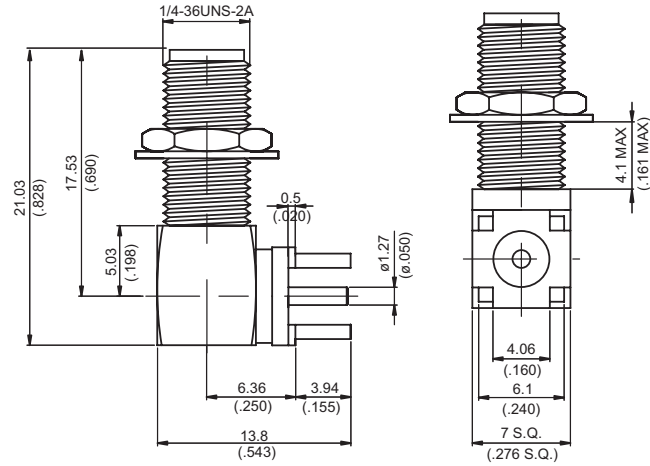


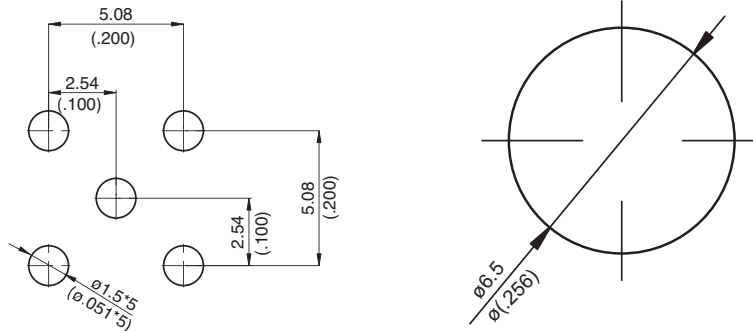
SMA9400A1-9000

**SMA Reverse Polarity Jack PCB Mount Bulkhead  
Right Angle With Round Contact (Φ1.27)  
10GHz VSWR 1.2; 18GHz VSWR 1.3**

**50Ω**



**MOUNTING HOLE**



Parts	Material	Plating (Micro-inch)
Cover	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Hex Nut	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
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

This part number complies with RoHS.

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

SMA	SMA9400A1-9000																		
<div data-bbox="167 383 568 432" style="border: 1px solid black; padding: 2px;">Interface</div> <p data-bbox="167 439 1169 477">Per JYEBAO SMA Reverse Polarity Jack derived from MIL-STD-348B</p>																			
<div data-bbox="167 551 568 600" style="border: 1px solid black; padding: 2px;">Electrical Data</div> <table border="0" data-bbox="167 600 1276 1025"> <tr> <td>Impedance</td> <td>50Ω</td> </tr> <tr> <td>Frequency range</td> <td>DC to 18GHz</td> </tr> <tr> <td>VSWR</td> <td>≤ 1.2(10GHz); ≤ 1.3(18GHz)</td> </tr> <tr> <td>Insertion loss</td> <td>≤ 0.04 x √f(GHz) dB</td> </tr> <tr> <td>Insulation resistance</td> <td>≥ 5000MΩ</td> </tr> <tr> <td>Contact resistance inner conductor</td> <td>≤ 3mΩ</td> </tr> <tr> <td>Contact resistance outer conductor</td> <td>≤ 2mΩ</td> </tr> <tr> <td>Dielectric withstanding voltage (at sea level)</td> <td>1500 V rms</td> </tr> <tr> <td>Working voltage (at sea level)</td> <td>500 V rms</td> </tr> </table>		Impedance	50Ω	Frequency range	DC to 18GHz	VSWR	≤ 1.2(10GHz); ≤ 1.3(18GHz)	Insertion loss	≤ 0.04 x √f(GHz) dB	Insulation resistance	≥ 5000MΩ	Contact resistance inner conductor	≤ 3mΩ	Contact resistance outer conductor	≤ 2mΩ	Dielectric withstanding voltage (at sea level)	1500 V rms	Working voltage (at sea level)	500 V rms
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<div data-bbox="167 1093 568 1142" style="border: 1px solid black; padding: 2px;">Mechanical Data</div> <table border="0" data-bbox="167 1142 1021 1328"> <tr> <td>Recommended coupling nut torque</td> <td>4 inch lbs</td> </tr> <tr> <td>Coupling proof torque</td> <td>5.3 inch lbs</td> </tr> <tr> <td>Contact Captivation-axial</td> <td>≥ 6.1 lbs</td> </tr> <tr> <td>Durability (mating)</td> <td>≥ 100</td> </tr> </table>		Recommended coupling nut torque	4 inch lbs	Coupling proof torque	5.3 inch lbs	Contact Captivation-axial	≥ 6.1 lbs	Durability (mating)	≥ 100										
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<div data-bbox="167 1402 568 1451" style="border: 1px solid black; padding: 2px;">Environmental Data</div> <table border="0" data-bbox="167 1451 1420 1682"> <tr> <td>Temperature range</td> <td>-65°C to +165°C</td> </tr> <tr> <td>Thermal shock</td> <td>MIL-STD-202, Method 107, Condition B</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 B	Moisture resistance	MIL-STD-202, Method 106	Corrosion	MIL-STD-202, Method 101, Condition B	RoHS	Compliant								
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<div data-bbox="167 1749 568 1798" style="border: 1px solid black; padding: 2px;">Tooling</div>																			

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# SMA9400A1-9000

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