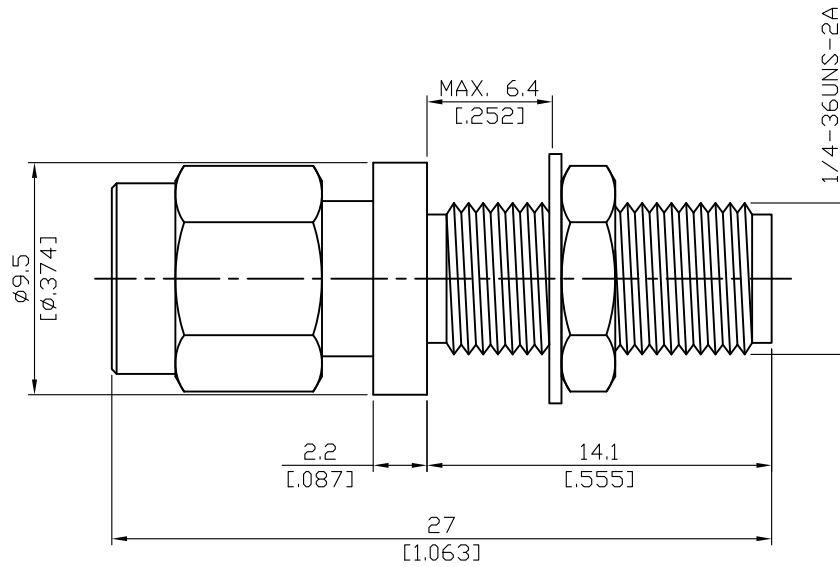


| | | |
|------------|---|-----|
| AD-A6A9-BF | SMA Reverse Polarity Plug to SMA Reverse Polarity Jack, Bulkhead, 6GHz VSWR 1.2 | 50Ω |
|------------|---|-----|



| 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 |
| Retainer Ring | Beryllium Copper | Tin-Zinc-Copper-Alloy 100 Over Copper 50 |
| Gasket | Silicone | |
| Contact Pin | Beryllium Copper | Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20 |
| Insulator | Teflon | |
| Body | Brass | Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20 |
| Coupling Nut | Brass | 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.

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|---|---|--|---------------------------------|-----------------|-----------------------|--------------------------------------|------------------------------|-------------------------|---------------------------|--------------------------------------|-----------------------|-----------|--|------------|--------------------------------|-----------|
| AD-A6A9-BF | SMA Reverse Polarity Plug to SMA Reverse Polarity Jack, Bulkhead, 6GHz VSWR 1.2 | | | | | | | | | | | | | | | |
| <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Interface</div> <p>Per JYEBAO SMA Reverse Polarity derived from MIL-STD-348B</p> | | | | | | | | | | | | | | | | |
| <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">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 6GHz</td> </tr> <tr> <td>VSWR</td> <td>≤ 1.2 (DC To 6GHz)</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>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 6GHz | VSWR | ≤ 1.2 (DC To 6GHz) | Insertion Loss | ≤ 0.04 x √f(GHz) dB | Insulation Resistance | ≥ 5000MΩ | Dielectric Withstanding Voltage (at sea level) | 1500 V rms | Working Voltage (at sea level) | 500 V rms |
| Impedance | 50Ω | | | | | | | | | | | | | | | |
| Frequency Range | DC To 6GHz | | | | | | | | | | | | | | | |
| VSWR | ≤ 1.2 (DC To 6GHz) | | | | | | | | | | | | | | | |
| Insertion Loss | ≤ 0.04 x √f(GHz) dB | | | | | | | | | | | | | | | |
| Insulation Resistance | ≥ 5000MΩ | | | | | | | | | | | | | | | |
| Dielectric Withstanding Voltage (at sea level) | 1500 V rms | | | | | | | | | | | | | | | |
| Working Voltage (at sea level) | 500 V rms | | | | | | | | | | | | | | | |
| <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Mechanical Data</div> <table border="0" style="width: 100%;"> <tr> <td style="width: 50%;">Recommended Coupling Nut Torque</td> <td style="width: 50%;">4 in-lbs</td> </tr> <tr> <td>Coupling Proof Torque</td> <td>5.3 in-lbs</td> </tr> <tr> <td>Coupling Nut Retention Force</td> <td>≥ 60.7 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 in-lbs | Coupling Proof Torque | 5.3 in-lbs | Coupling Nut Retention Force | ≥ 60.7 lbs | Contact Captivation-axial | ≥ 6.1 lbs | Durability (mating) | ≥ 100 | | | | |
| Recommended Coupling Nut Torque | 4 in-lbs | | | | | | | | | | | | | | | |
| Coupling Proof Torque | 5.3 in-lbs | | | | | | | | | | | | | | | |
| Coupling Nut Retention Force | ≥ 60.7 lbs | | | | | | | | | | | | | | | |
| Contact Captivation-axial | ≥ 6.1 lbs | | | | | | | | | | | | | | | |
| Durability (mating) | ≥ 100 | | | | | | | | | | | | | | | |
| <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">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 B</td> </tr> <tr> <td>Moisture Resistance</td> <td>MIL-STD-202, Method 206</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 206 | 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 B | | | | | | | | | | | | | | | |
| Moisture Resistance | MIL-STD-202, Method 206 | | | | | | | | | | | | | | | |
| Corrosion | MIL-STD-202, Method 101, Condition B | | | | | | | | | | | | | | | |
| RoHS | Compliant | | | | | | | | | | | | | | | |

AD-A6A9-BF

