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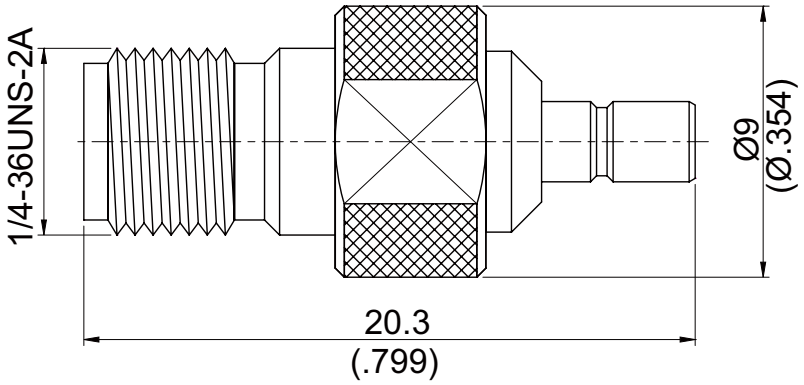
| AD-A8SB8 | SMA Jack To SSMB Jack<br>4GHz VSWR 1.2 | 50Ω |
|---|---|---|




| Parts | Material | Plating (Micro-inch) |
|---|---|---|
| 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 |

Weight:

**This part number complies with RoHS.**

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

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| AD-A8SB8 | **SMA Jack To SSMB Jack<br>4GHz VSWR 1.2** |
|---|---|

## Interface

| | SMA | SSMB |
|---|---|---|
| Standard | MIL-STD-348B | MIL-STD-348B |
| Mechanically Compatible With | 2.92 & 3.5 | |

## Electrical Data

| | |
|---|---|
| Impedance | 50Ω |
| Frequency Range | DC To 4GHz |
| VSWR | ≦1.2 (DC To 4GHz) |
| Insertion Loss | ≦0.03 x $\sqrt{}$f(GHz) dB |
| Insulation Resistance | ≧5000MΩ |
| Dielectric Withstanding Voltage (at sea level) | 500 V rms |
| Working Voltage (at sea level) | 275 V rms |

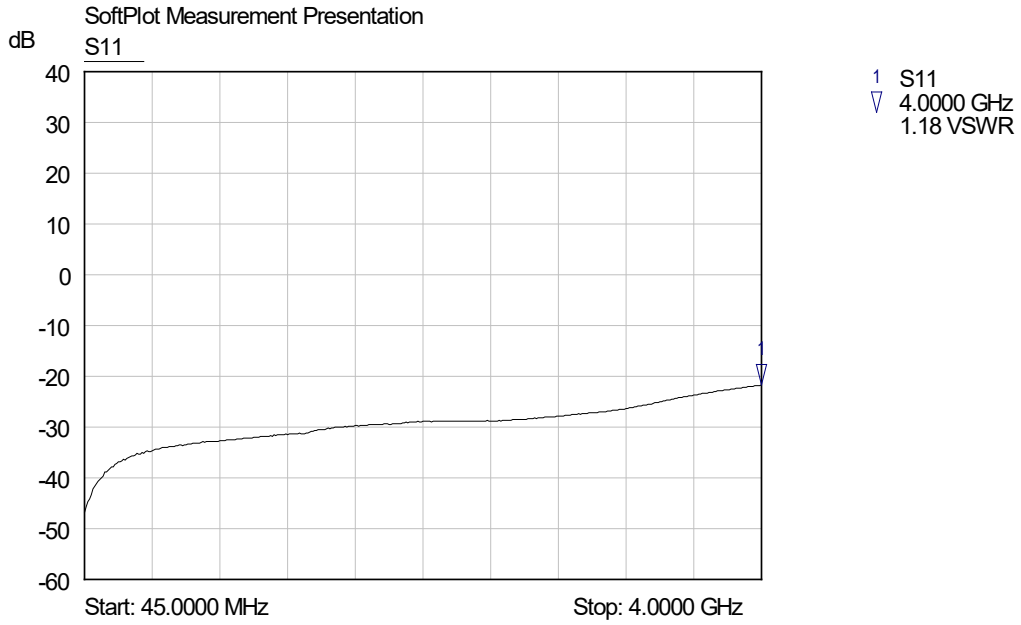
## Mechanical Data

| | SMA | SSMB |
|---|---|---|
| Recommended Coupling Nut Torque | 4 in-lbs | NA |
| Coupling Proof Torque | 5.3 in-lbs | NA |
| Engagement Force | NA | 1.8 to 6.1 lbs |
| Disengagement Force | NA | 1.8 to 6.1 lbs |
| Contact Captivation-axial | ≧6.1 lbs | ≧1.8 lbs |
| Durability (mating) | ≧100 | ≧500 |

## Environmental Data

| | |
|---|---|
| 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-A8SB8


SoftPlot Measurement Presentation
dB
S11
40
30
20
10
0
-10
-20
-30
-40
-50
-60
Start: 45.0000 MHz
Stop: 4.0000 GHz
1 S11
4.0000 GHz
1.18 VSWR