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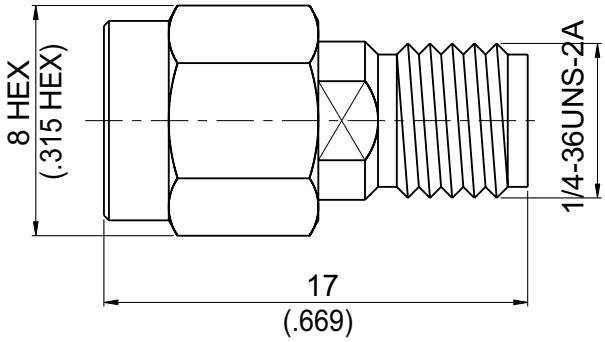
AD-A6A9	SMA Reverse Polarity Plug To SMA Reverse Polarity Jack 6GHz VSWR 1.2	50Ω



Parts	Material	Plating (Micro-inch)
Renber 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

Weight: 3.35 g

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

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AD-A6A9	SMA Reverse Polarity Plug to SMA Reverse Polarity Jack 6GHz VSWR 1.2

Interface

Per JYEBAO SMA Reverse Polarity derived from MIL-STD-348B

Electrical Data

Impedance	50Ω
Frequency Range	DC To 6GHz
VSWR	≦1.2 (DC To 6GHz)
Insertion Loss	≦0.04 x $\sqrt{f}$(GHz) dB
Insulation Resistance	≧5000MΩ
Dielectric Withstanding Voltage (at sea level)	1500 V rms
Working Voltage (at sea level)	500 V rms

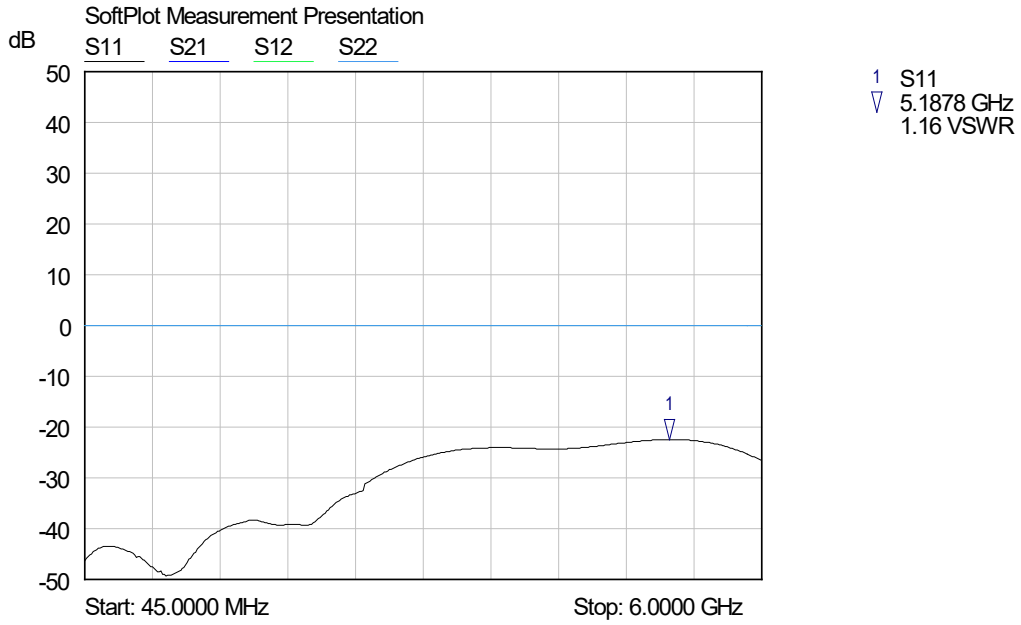
Mechanical Data

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

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-A6A9


SoftPlot Measurement Presentation
dB
S11
S21
S12
S22
50
40
30
20
10
0
-10
-20
-30
-40
-50
1
Start: 45.0000 MHz
Stop: 6.0000 GHz
1 S11
5.1878 GHz
1.16 VSWR