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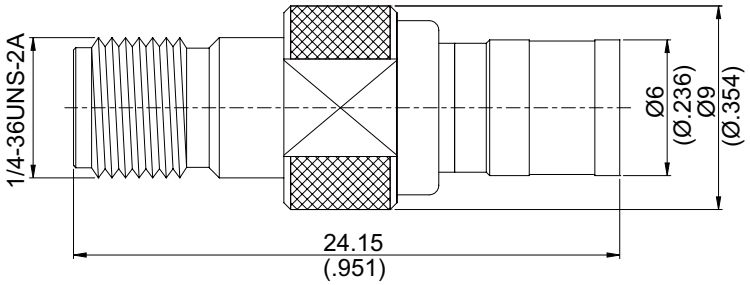
AD-A8S3-6MM	SMA Jack To SMB Plug 4GHz VSWR 1.2	50Ω



Parts	Material	Plating (Micro-inch)
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Renber Ring	Beryllium Copper	Tin-Zinc-Copper-Alloy 100 Over Copper 50
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:

This part number complies with RoHS.

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

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AD-A8S3-6MM	**SMA Jack To SMB Plug 4GHz VSWR 1.2**

Interface

	SMA	SMB
Standard	MIL-STD-348B	MIL-STD-348B
Mechanically Compatible With	2.92 & 3.5	SMS

Electrical Data

Impedance	50Ω
Frequency Range	DC To 4GHz
VSWR	≦1.2 (DC To 4GHz)
Insertion Loss	≦0.04 x $\sqrt{}$f(GHz) dB
Insulation Resistance	≧5000MΩ
Dielectric Withstanding Voltage (at sea level)	1000 V rms
Working Voltage (at sea level)	335 V rms

Mechanical Data

	SMA	SMB
Recommended Coupling Nut Torque	4 in-lbs	NA
Coupling Proof Torque	5.3 in-lbs	NA
Engagement Force	NA	1.8 to 14.2 lbs
Disengagement Force	NA	1.8 to 14.2 lbs
Contact Captivation-axial	≧6.1 lbs	≧4 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

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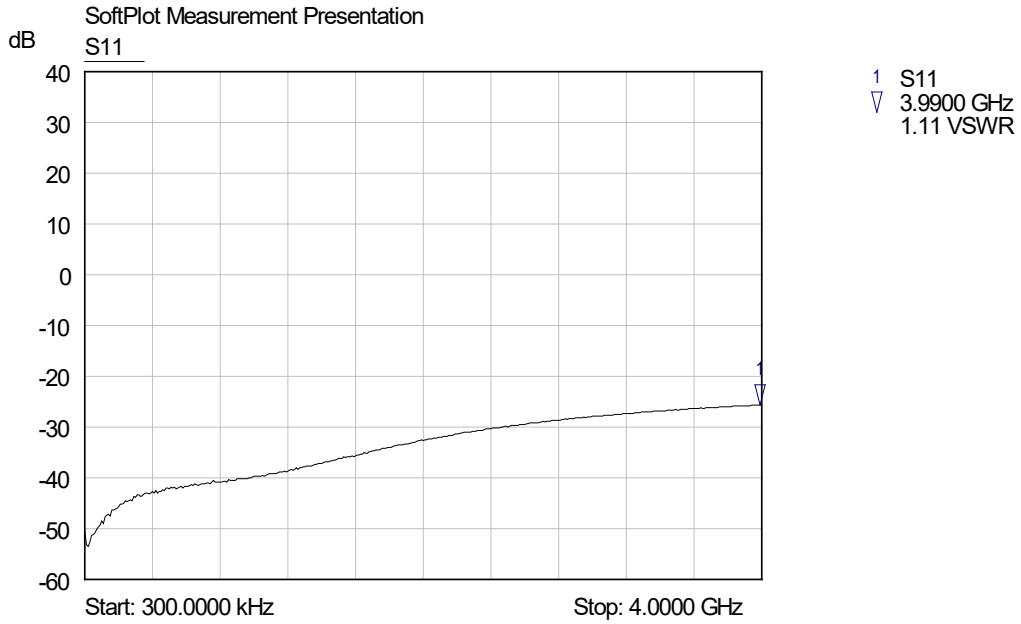
AD-A8S3-6MM


SoftPlot Measurement Presentation
dB
S11
40
30
20
10
0
-10
-20
-30
-40
-50
-60
Start: 300.0000 kHz
Stop: 4.0000 GHz
1 S11
3.9900 GHz
1.11 VSWR