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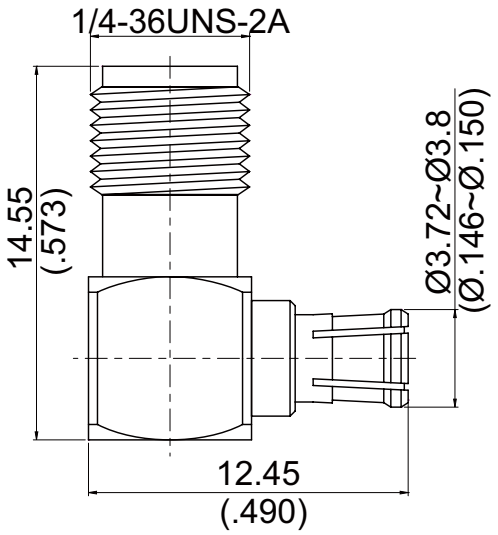
AL-A8D3	SMA Jack To MCX Plug Right Angle 5GHz VSWR 1.2	**50Ω**



Parts	Material	Plating (Micro-inch)
Cover	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Contact Pin(MCX)	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	Teflon	
Body(MCX)	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Body(SMA)	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Contact Pin(SMA)	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20

Weight: 2.93 g

This part number complies with RoHS.

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

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AL-A8D3	SMA Jack To MCX Plug Right Angle 5GHz VSWR 1.2

Interface

	SMA	MCX
Standard	MIL-STD-348B	IEC 61169-36
Mechanically Compatible With	2.92 & 3.5	

Electrical Data

Impedance	50Ω
Frequency Range	DC To 5GHz
VSWR	≦1.2 (DC To 5GHz)
Insulation Resistance	≧5000MΩ
Dielectric Withstanding Voltage (at sea level)	750 V rms
Working Voltage (at sea level)	250 V rms

Mechanical Data

	SMA	MCX
Recommended Coupling Nut Torque	4 in-lbs	NA
Coupling Proof Torque	5.3 in-lbs	NA
Engagement Force	NA	≦5.6 lbs
Disengagement Force	NA	1.8 to 4.5 lbs
Contact Captivation-axial	≧6.1 lbs	≧2.3 lbs
Durability (mating)	≧100	≧500

Environmental Data

Temperature Range	-55°C to +155°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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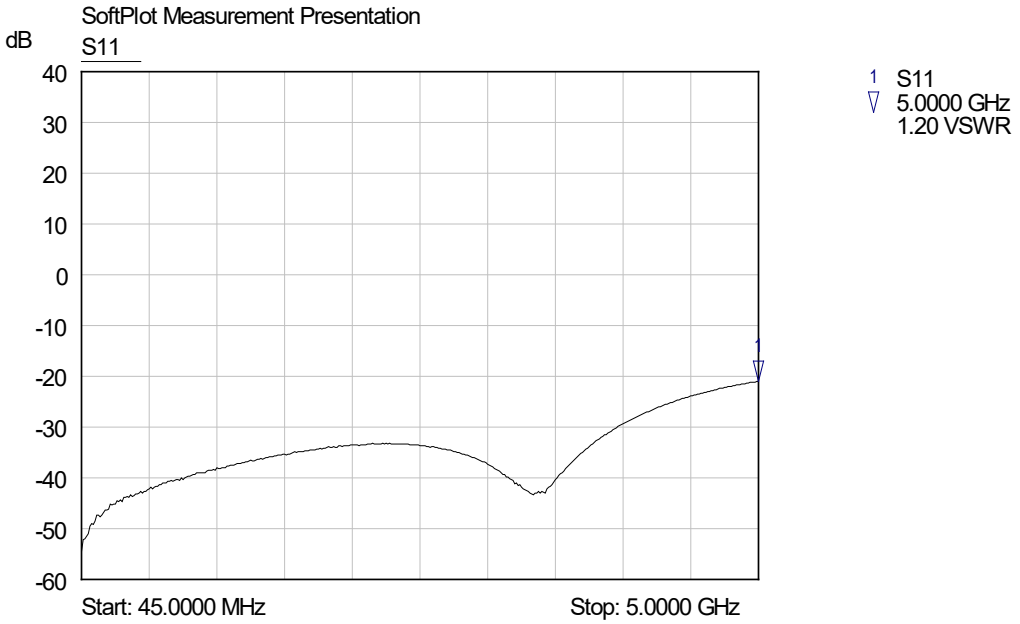
AL-A8D3


SoftPlot Measurement Presentation
dB
S11
40
30
20
10
0
-10
-20
-30
-40
-50
-60
Start: 45.0000 MHz
Stop: 5.0000 GHz
1
1 S11
5.0000 GHz
1.20 VSWR