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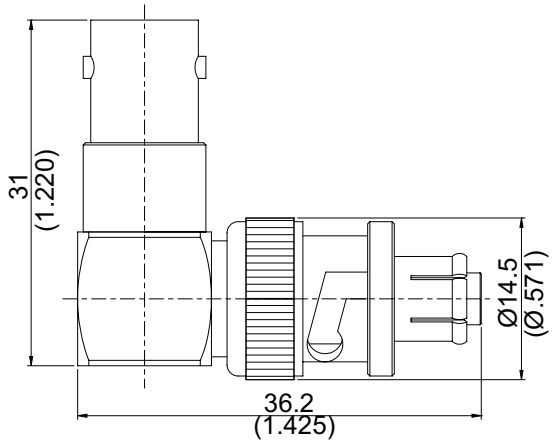
AL-V3V8	SHV Plug to SHV Jack Right Angle 0.3GHz VSWR 1.2	50Ω



Parts	Material	Plating (Micro-inch)
Nut	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Gasket	Silicon	
Washer	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Spring	SK5	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Coupling Nut	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Contact Pin(Jack)	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	Teflon	
Contact Pin(Plug)	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50

Weight:

This part number complies with RoHS.

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AL-V3V8	**SHV Plug to SHV Jack Right Angle 0.3GHz VSWR 1.2**

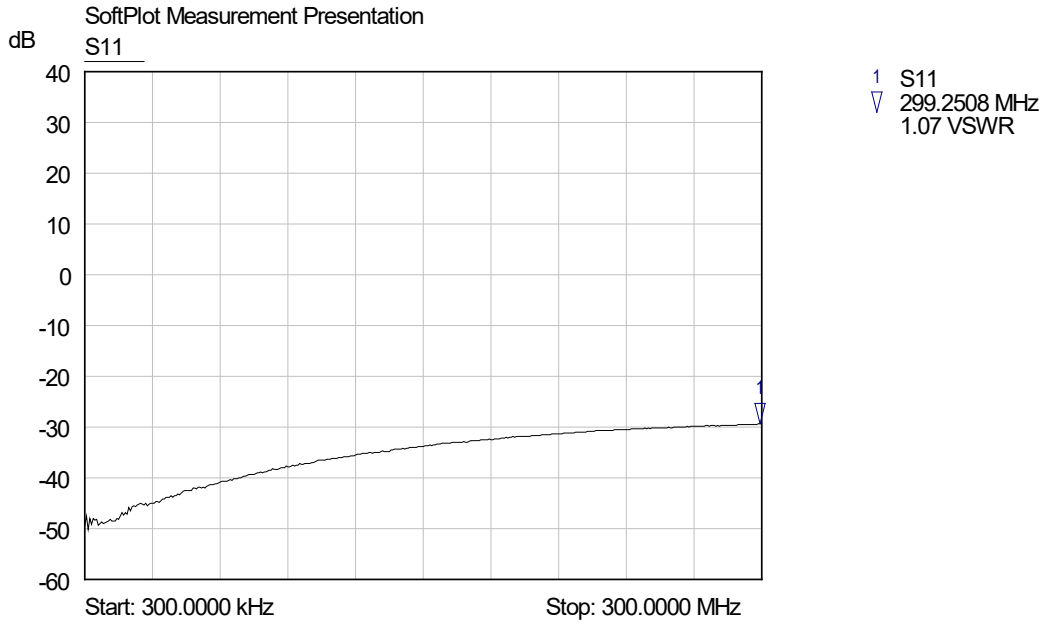
Interface	
Standard	MIL-STD-348B

Electrical Data	
Impedance	50Ω
Frequency Range	DC to 0.3GHz
VSWR	≦1.2 (DC To 0.3GHz)
Insulation Resistance	≧5000MΩ
Dielectric Withstanding Voltage (at sea level)	5000 V rms
Working Voltage (at sea level)	3500 V rms

Mechanical Data	
Recommended Coupling Nut Torque	0.6 to 2.5 in-lbs
Coupling Nut Retention Force	≧101.2 lbs
Contact Captivation-axial	≧6.1 lbs
Durability (mating)	≧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

AL-V3V8


SoftPlot Measurement Presentation
dB
S11
40
30
20
10
0
-10
-20
-30
-40
-50
-60
Start: 300.0000 kHz
Stop: 300.0000 MHz
1 S11
299.2508 MHz
1.07 VSWR