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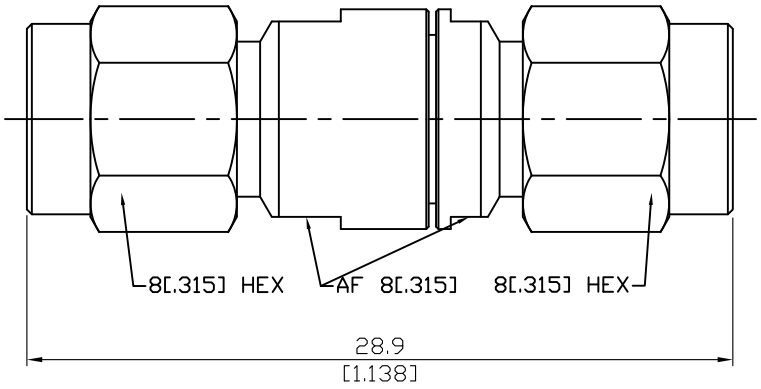
ADS-A3A3-27-1.1	SMA Plug To SMA Plug 27GHz VSWR 1.1	50Ω



Parts	Material	Plating (Micro-inch)
Retainer 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	Stainless Steel	Passivated
Coupling Nut	Stainless Steel	Passivated

This part number complies with RoHS.

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ADS-A3A3-27-1.1	SMA Plug To SMA Plug 27GHz VSWR 1.1

Interface

Standard	MIL-STD-348B
Mechanically compatible with	2.92 & 3.5

Electrical Data

Impedance	50Ω
Frequency Range	DC To 27GHz
VSWR	≦1.1 (DC To 27GHz)
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	7 to 9.5 in-lbs
Coupling Proof Torque	15 in-lbs
Coupling Nut Retention Force	≧60.7 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

ADS-A3A3-27-1.1