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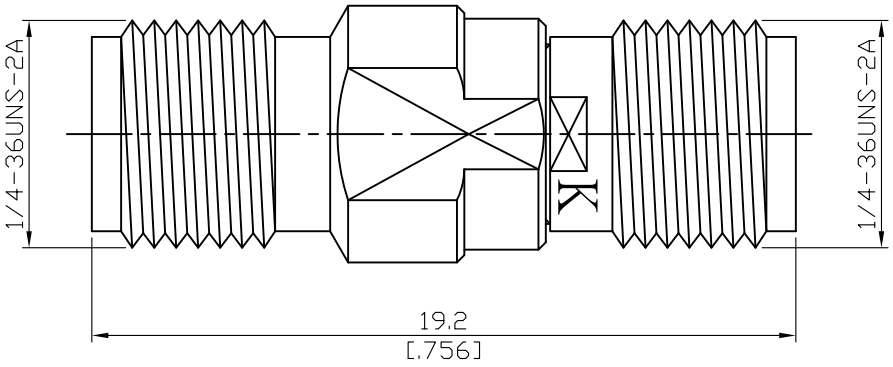
ADS-A8K8-27-1.2	SMA Jack to 2.92mm Jack 27GHz VSWR 1.2	50Ω



Parts	Material	Plating (Micro-inch)
Body	Stainless Steel	Passivated
Insulator (SMA)	Teflon	
Insulator (2.92)	PPO	
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20

Weight: 1.32 g

This part number complies with RoHS.

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ADS-A8K8-27-1.2	SMA Jack to 2.92mm Jack 27GHz VSWR 1.2

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

Electrical Data	
Impedance	50Ω
Frequency Range	DC To 27GHz
VSWR	≦1.2 (DC To 27GHz)
Insertion Loss	≦0.05 x $\sqrt{f}$(GHz) dB
Insulation Resistance	≧5000MΩ
Dielectric Withstanding Voltage (at sea level)	750 V rms
Working Voltage (at sea level)	250 V rms

Mechanical Data	2.92	SMA
Recommended Coupling Nut Torque	11.47 in-lbs	7 to 9.5 in-lbs
Coupling Proof Torque	15 in-lbs	15 in-lbs
Contact Captivation-axial	≧4.9 lbs	≧6.1 lbs
Durability (mating)	≧500	≧500

Environmental Data	
Temperature Range	-55°C to +105°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-A8K8-27-1.2