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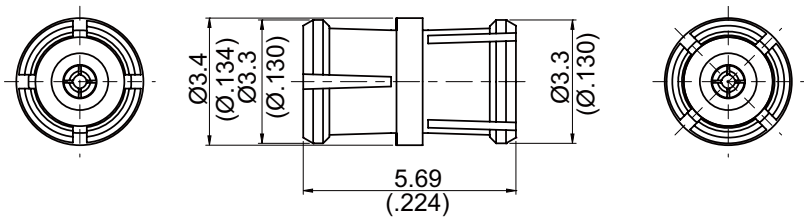
AD-P8P8-5.69	SMP Jack To SMP Jack 18GHz VSWR 1.2	50Ω



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

This part number complies with RoHS.

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AD-P8P8-5.69	**SMP Jack To SMP Jack 18GHz VSWR 1.2**

Interface

Standard	MIL-STD-348B

Electrical Data

Impedance	50Ω
Frequency Range	DC To 18GHz
VSWR	≦1.2 (DC To 18GHz)
Insertion Loss	≦0.06 x $\sqrt{}$f(GHz) dB
Insulation Resistance	≧5000MΩ
Dielectric Withstanding Voltage (at sea level)	500 V rms
Working Voltage (at sea level)	335 V rms

Mechanical Data

	Full detent	Limited detent	Smooth bore Catchers Mit
Durability (mating)	≧100	≧500	≧1000
Engagement Force	≦15 lbs	≦10 lbs	≦2 lbs
Disengagement Force	≧5 lbs	≧2 lbs	≧0.5 lbs
Axial Misalignment	+0.00/-0.25(+.000/-.010)		
Radial Misalignment	+/-0.25(0.010)		

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