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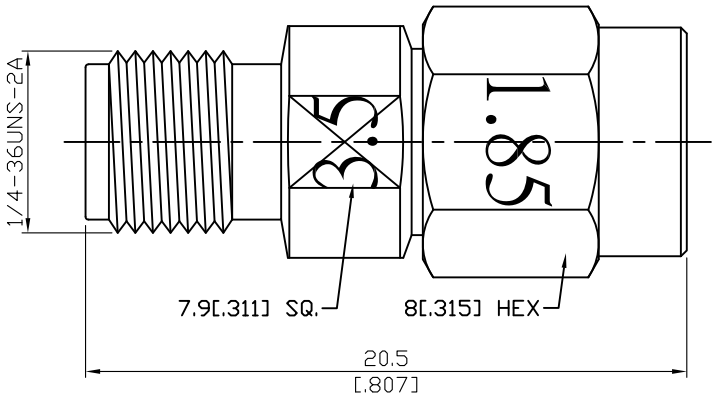
ADS-PC8-1.85/3-1.25	3.5mm Jack To 1.85mm Plug 34.5GHz VSWR 1.25	50Ω



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	PPO	
Body	Stainless Steel	Passivated
Coupling Nut	Stainless Steel	Passivated

This part number complies with RoHS.

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ADS-PC8-1.85/3-1.25	3.5mm Jack To 1.85mm Plug 34.5GHz VSWR 1.25

Interface	1.85	3.5
Standard	IEEE 287;IEC61169-32	IEC60169-23
Mechanically compatible with	2.4	SMA & 2.92

Electrical Data	
Impedance	50Ω
Frequency Range	DC To 34.5GHz
VSWR	≦1.25 (DC To 34.5GHz)
Insertion Loss	≦0.04 x $\sqrt{f}$(GHz) dB
Insulation Resistance	≧5000MΩ
Dielectric Withstanding Voltage (at sea level)	500 V rms
Working Voltage (at sea level)	150 V rms
RF leakage	≧100dB to 1GHz

Mechanical Data	1.85	3.5
Recommended Coupling Nut Torque	7.08 to 9.74 in-lbs	7.1 to 9.7 in-lbs
Coupling Proof Torque	15 in-lbs	15 in-lbs
Contact Captivation-axial	≧4.5 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-PC8-1.85/3-1.25