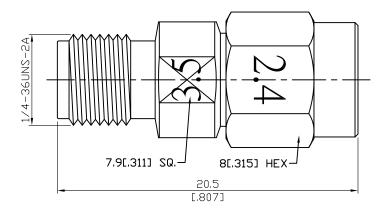


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ADS-PC8-2.4/3-1.15

3.5mm Jack To 2.4mm Plug 34.5GHz VSWR 1.15

50Ω



Parts	Material	Plating (Micro-inch)
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



ADS-PC8-2.4/3-1.15	3.5mm Jack To 2.4mm Plug 34.5GHz VSWR 1.15		
Interface	2.4	3.5	
Standard	MIL-STD-348B	IEC60169-23	
Mechanically compatible with	1.85	SMA & 2.92	

Electrical Data

Impedance 50Ω

Frequency Range DC To 34.5GHz

VSWR \leq 1.15 (DC To 34.5GHz) Insertion Loss \leq 0.04 x \sqrt{f} (GHz) dB

Insertion Loss $\leq 0.04 \text{ x } \sqrt{\text{f}(G)}$ Insulation Resistance $\geq 5000\text{M}\Omega$

Insulation Resistance $\geq 5000 M\Omega$ Dielectric Withstanding Voltage (at sea level) 500 V rms

Working Voltage (at sea level) 150 V rms

RF leakage ≥100dB to 1GHz

Mechanical Data	2.4	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
Coupling Nut Retention Force	≥60.7 lbs	NA
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

Notice: JYEBAO reserves the right to make modifications deemed appropriate.

ADS-PC8-2.4/3-1.15

