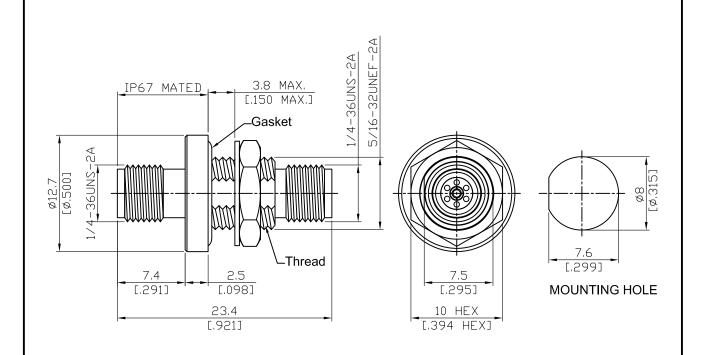


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ADS-PC8PC8-BF-1.25

3.5mm Jack to 3.5mm Jack Bulkhead IP67 Mated; 34.5GHz VSWR 1.25

50Ω



| Parts       | Material         | Plating ( Micro-inch )                                |
|-------------|------------------|---|
| Hex Nut     | Stainless Steel  | Passivated  |
| Washer      | Stainless Steel  | Passivated  |
| Gasket      | Silicone         |   |
| Contact Pin | Beryllium Copper | Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20 |
| Insulator   | PPO              |   |
| Body        | Stainless Steel  | Passivated  |
|             |                  |   |
|             |                  |   |
|             |                  |   |
|             |                  |   |



ADS-PC8PC8-BF-1.25

3.5mm Jack to 3.5mm Jack Bulkhead IP67 Mated; 34.5GHz VSWR 1.25

Interface

Standard IEC60169-23 Mechanically compatible with 2.92 & SMA

**Electrical Data** 

Impedance  $50\Omega$ 

Frequency Range DC to 34.5GHz

VSWR  $\leq$  1.25 (DC To 34.5GHz)

Insertion Loss  $\leq 0.05 \text{ x } \sqrt{\text{f(GHz)}} \text{ dB}$ 

Insulation Resistance  $\ge 5000 M\Omega$ Dielectric Withstanding Voltage (at sea level) 1000 V rms Working Voltage (at sea level) 335 V rms

RF Leakage ≥100dB to 1GHz

Mechanical Data

Recommended Coupling Nut Torque 7.1 to 9.7 in-lbs

Coupling Proof Torque 15 in-lbs Contact Captivation-axial  $\geq$  6.1 lbs Durability (mating)  $\geq$  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-PC8PC8-BF-1.25

