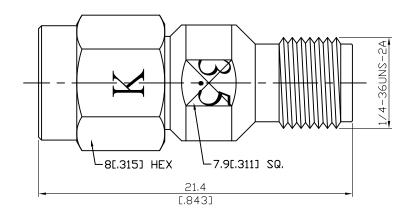


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ADS-K3PC8-1.25

2.92mm Plug To 3.5mm Jack 34.5GHz VSWR 1.25

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  |
|              |                  |   |
|              |                  |   |
|              |                  |   |
|              |                  |   |
|              |                  |   |
|              | <u> </u>         |   |
|              |                  |   |



| ADS-K3PC8-1.25               | 2.92mm Plug To 3.5mm Jack<br>34.5GHz VSWR 1.25 |             |
|------------------------------|--|-------------|
| Interface                    | 2.92   | 3.5         |
| Standard                     | MIL-STD-348B                                   | IEC60169-23 |
| Mechanically compatible with | 3.5 & SMA                                      | 2.92 & SMA  |

## **Electrical Data**

Impedance  $50\Omega$ 

Frequency Range DC To 34.5GHz

VSWR  $\leq$  1.25 (DC To 34.5GHz) Insertion Loss  $\leq$  0.04 x  $\sqrt{f}$ (GHz) dB

Insulation Resistance  $\ge 5000 M\Omega$ Dielectric Withstanding Voltage (at sea level) 750 V rms Working Voltage (at sea level) 250 V rms

RF leakage ≥100dB to 1GHz

| Mechanical Data                 | 2.92         | 3.5               |
|---------------------------------|--------------|-------------------|
| Recommended Coupling Nut Torque | 11.47 in-lbs | 7.1 to 9.7 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

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

## ADS-K3PC8-1.25

