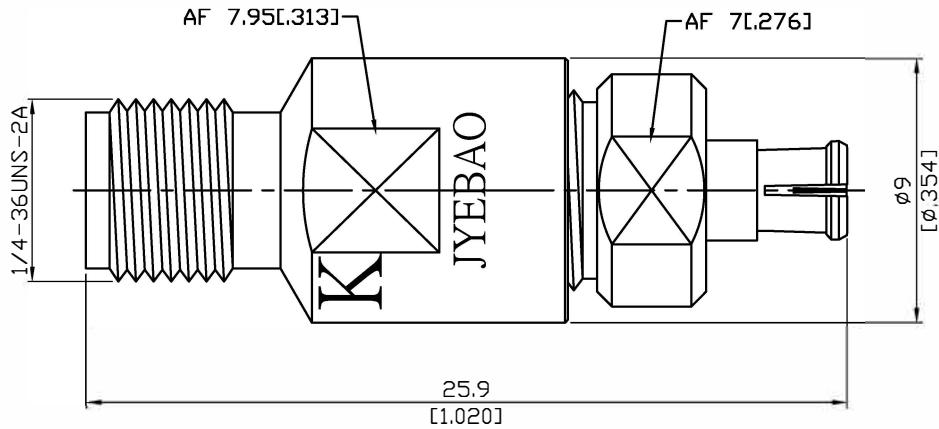


| | | |
|----------|---|-----|
| ADS-K8P8 | 2.92mm Jack To SMP Jack 40GHz VSWR 1.3 | 50Ω |
|----------|---|-----|



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

| | |
|--|--|
| | |
|--|--|

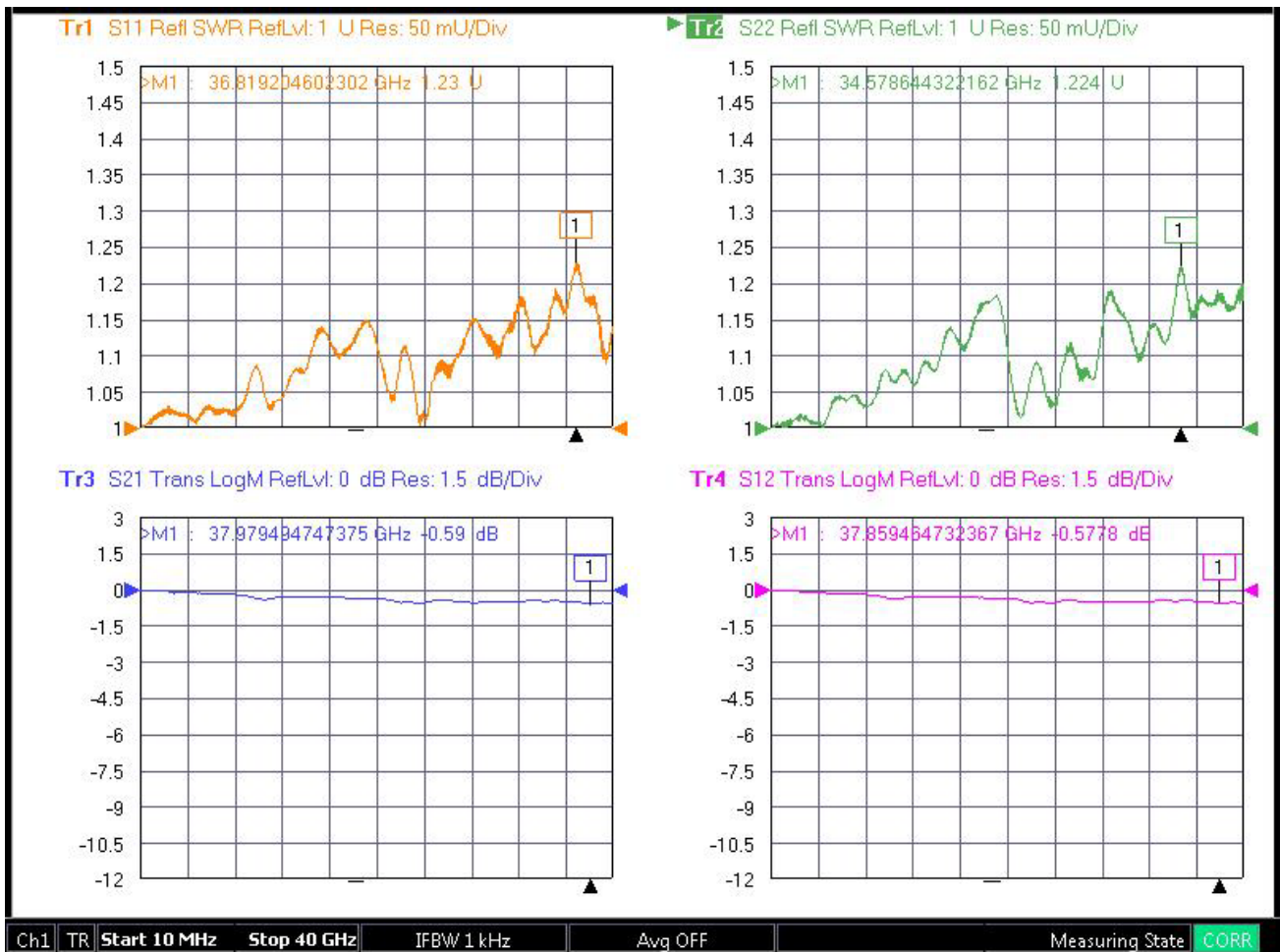
This part number complies with RoHS.

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

| | | | | |
|--|---|---------------------------|----------------|--------------------------|
| ADS-K8P8 | 2.92mm Jack To SMP Jack 40GHz VSWR 1.3 | | | |
| Interface | 2.92 | SMP | | |
| Standard | MIL-STD-348B | MIL-STD-348B | | |
| Mechanically compatible with | 3.5 & SMA | | | |
| Electrical Data | | | | |
| Impedance | 50Ω | | | |
| Frequency Range | DC To 40GHz | | | |
| VSWR | ≤ 1.3 (DC To 40GHz) | | | |
| Insertion Loss | ≤ 0.06 x √f(GHz) dB | | | |
| Insulation Resistance | ≥ 5000MΩ | | | |
| Dielectric Withstanding Voltage (at sea level) | 500 V rms | | | |
| Working Voltage (at sea level) | 250 V rms | | | |
| Mechanical Data | 2.92 | SMP | | |
| | | Full detent | Limited detent | Smooth bore Catchers Mit |
| Recommended Coupling Nut Torque | 11.47 in-lbs | NA | NA | NA |
| Coupling Proof Torque | 15 in-lbs | NA | NA | NA |
| Contact Captivation-axial | ≥ 4.9 lbs | NA | NA | NA |
| Durability (mating) | ≥ 500 | ≥ 100 | ≥ 500 | ≥ 1000 |
| Engagement Force | NA | ≤ 15 lbs | ≤ 10 lbs | ≤ 2 lbs |
| Disengagement Force | NA | ≥ 5 lbs | ≥ 2 lbs | ≥ 0.5 lbs |
| Axial Misalignment | NA | +0.00/-0.25(+.000/-0.010) | | |
| Radial Misalignment | NA | +/-0.25(0.010) | | |
| 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-K8P8



Note: S11/S12/S21/S22 plots shown represent IL and VSWR of two adaptors tested. To extract IL of a single adaptor divide IL measured by two.