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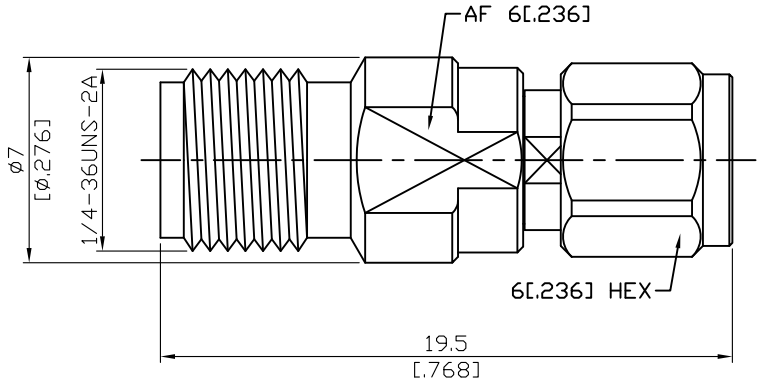
ADS-K8-1.0/3-1.15	2.92mm Jack to 1.0mm Plug 40GHz VSWR 1.15	50Ω



Parts	Material	Plating (Micro-inch)
Coupling Nut	Stainless Steel	Passivated
Body	Stainless Steel	Passivated
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	PEI	
Ring	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Gasket	Silicone	
Retainer Ring	Beryllium Copper	Tin-Zinc-Copper-Alloy 100 Over Copper 50

This part number complies with RoHS.
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

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ADS-K8-1.0/3-1.15	2.92mm Jack to 1.0mm Plug 40GHz VSWR 1.15

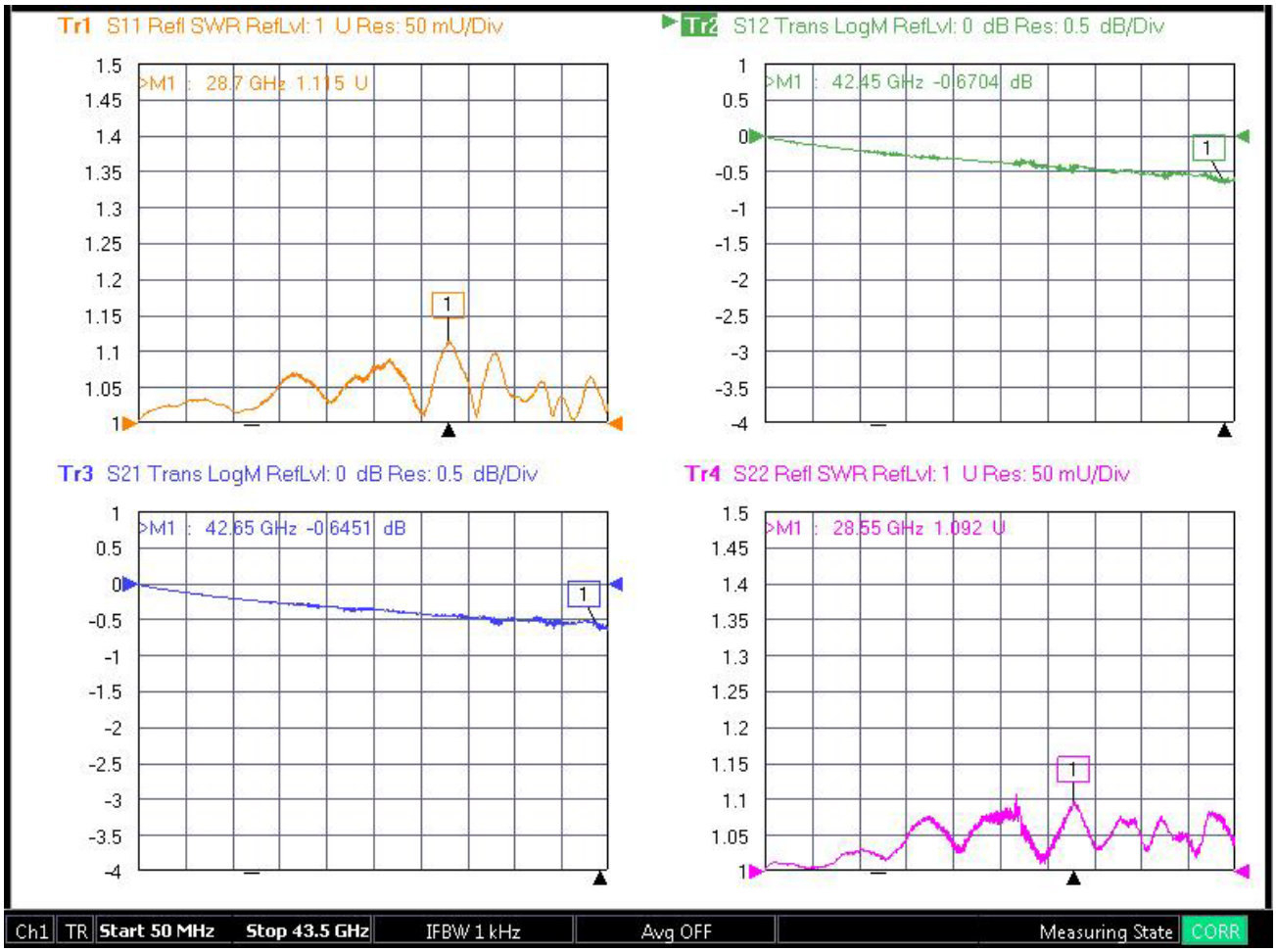
Interface	1.00	2.92
Standard	IEEE287; IEC61169-31	MIL-STD-348B
Mechanically compatible with		3.5 & SMA

Electrical Data	
Impedance	50Ω
Frequency Range	DC To 40GHz
VSWR	≦1.15 (DC To 40GHz)
Insertion Loss	≦0.05 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

Mechanical Data	1.00	2.92
Recommended Coupling Nut Torque	2.65 to 3.63 in-lbs	11.47 in-lbs
Coupling Proof Torque	6.2 in-lbs	15 in-lbs
Contact Captivation-axial	≧2.25 lbs	≧4.9 lbs
Durability (mating)	≧500	≧500

Environmental Data	
Temperature Range	-40°C to +165°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-K8-1.0/3-1.15



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’’