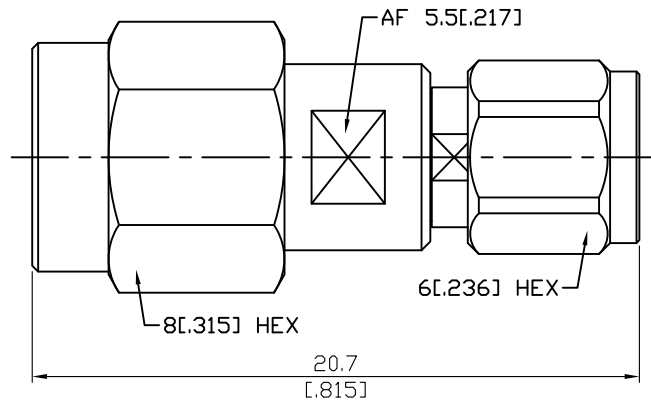


ADS-K3-1.0/3-1.15

2.92mm Plug 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

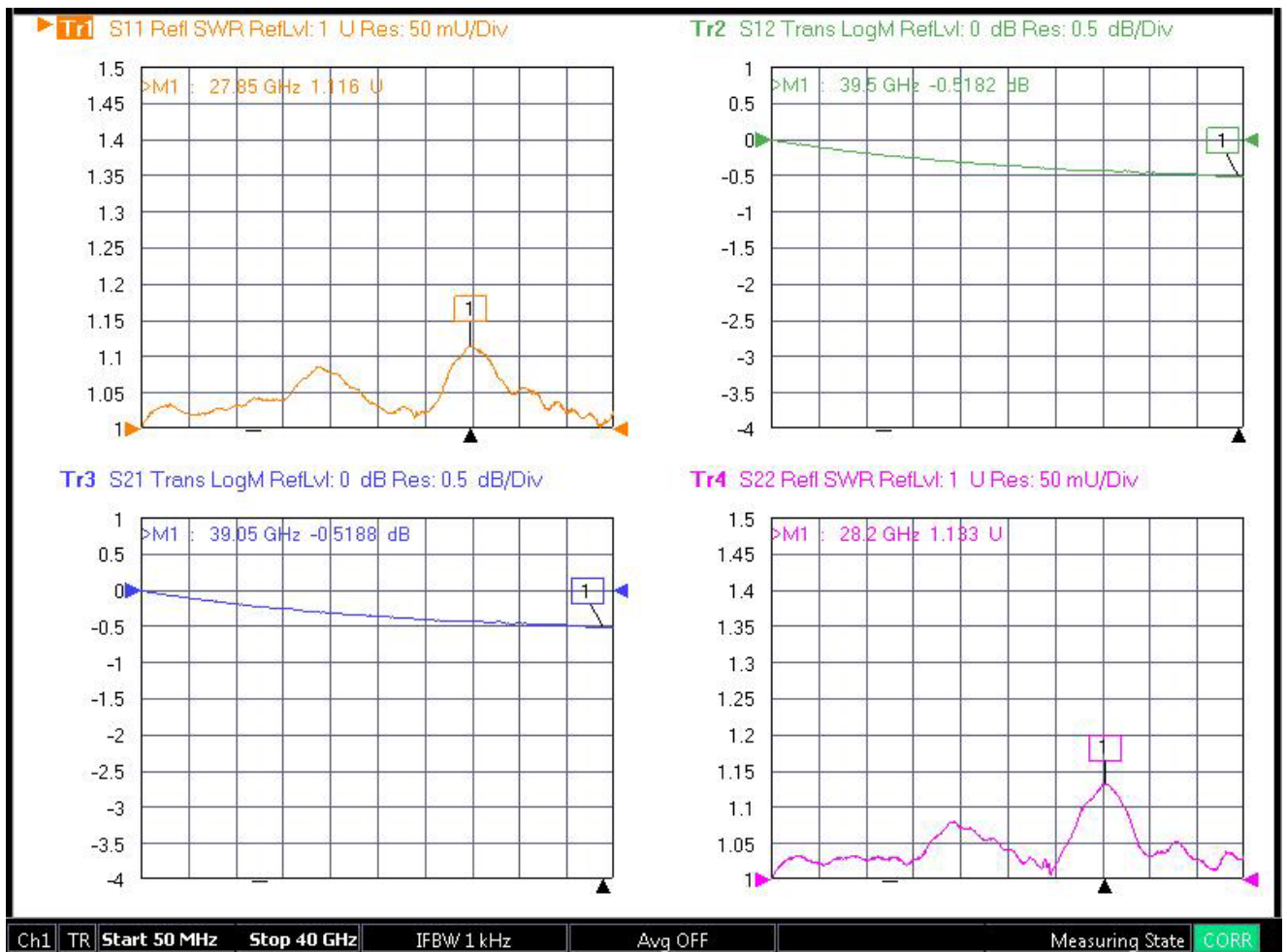
This part number complies with RoHS.

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

ADS-K3-1.0/3-1.15	2.92mm Plug to 1.0mm Plug 40GHz VSWR 1.15	
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Interface</div> Standard Mechanically compatible with	1.00 <hr/> IEEE287; IEC61169-31	2.92 <hr/> MIL-STD-348B <hr/> 3.5 & SMA
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Electrical Data</div> Impedance Frequency Range VSWR Insertion Loss Insulation Resistance Dielectric Withstanding Voltage (at sea level) Working Voltage (at sea level)	50Ω DC To 40GHz ≤ 1.15 (DC To 40GHz) $\leq 0.05 \times \sqrt{f}$ (GHz) dB $\geq 5000\text{M}\Omega$ 500 V rms 150 V rms	
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Mechanical Data</div> Recommended Coupling Nut Torque Coupling Proof Torque Contact Captivation-axial Durability (mating)	1.00 <hr/> 2.65 to 3.63 in-lbs <hr/> 6.2 in-lbs <hr/> ≥ 2.25 lbs <hr/> ≥ 500	2.92 <hr/> 11.47 in-lbs <hr/> 15 in-lbs <hr/> ≥ 4.9 lbs <hr/> ≥ 500
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Environmental Data</div> Temperature Range Thermal Shock Moisture Resistance Corrosion RoHS	-40°C to +165°C MIL-STD-202, Method 107, Condition B MIL-STD-202, Method 206 MIL-STD-202, Method 101, Condition B Compliant	

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

ADS-K3-1.0/3-1.15



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”