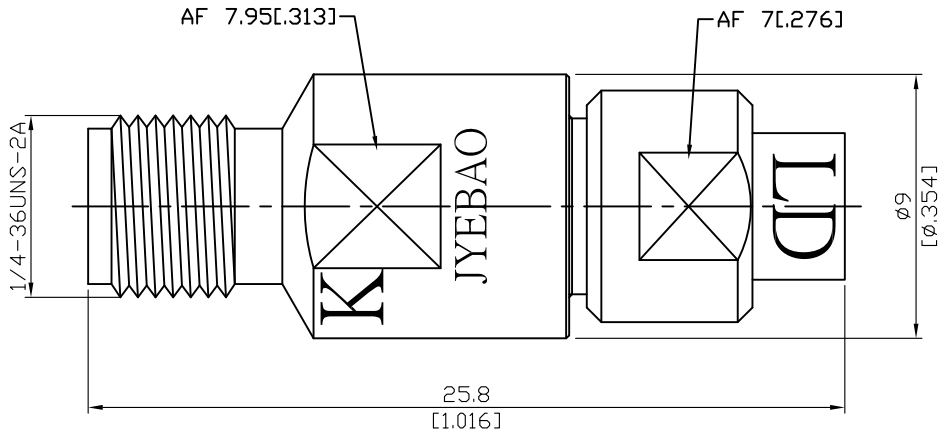


ADS-K8PL3	2.92mm Jack To SMP Plug Limited Detent 40GHz VSWR 1.3	50Ω
-----------	--	-----



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

--	--

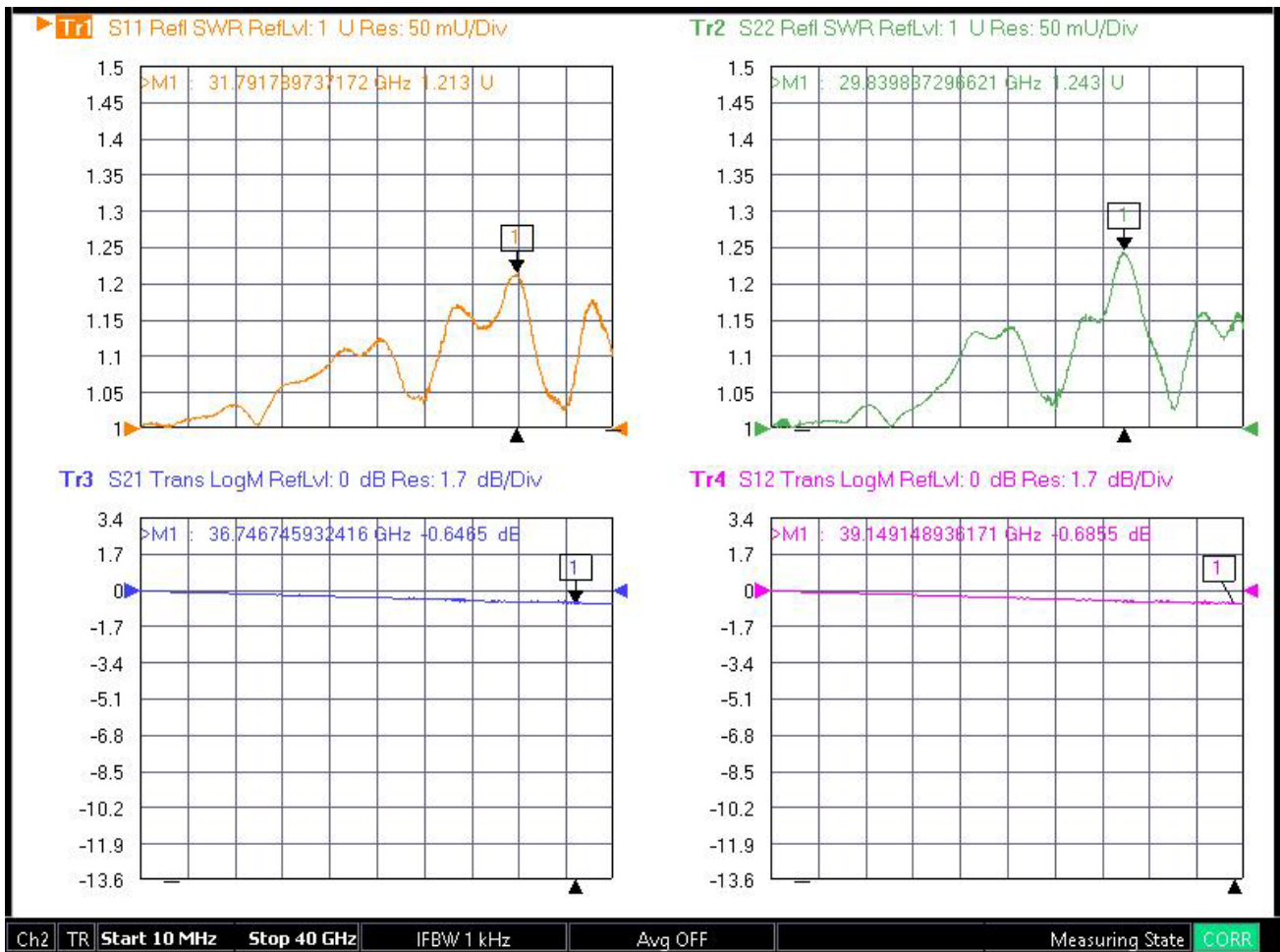
This part number complies with RoHS.

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

ADS-K8PL3		2.92mm Jack To SMP Plug Limited Detent 40GHz VSWR 1.3			
<b>Interface</b>		2.92	SMP		
Standard		MIL-STD-348B	MIL-STD-348B		
Mechanically compatible with		3.5 & SMA			
<b>Electrical Data</b>					
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				
<b>Mechanical Data</b>		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)			
<b>Environmental Data</b>					
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-K8PL3



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.