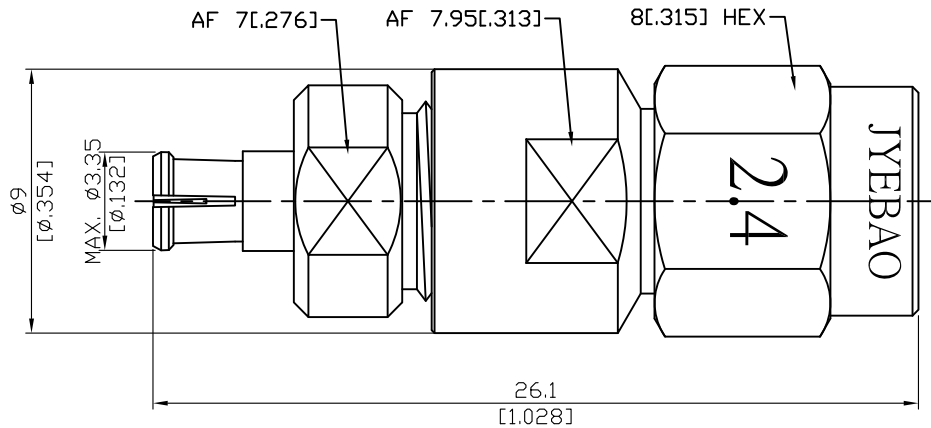


ADS-P8-2.4/3

SMP Jack To 2.4mm Plug
40GHz VSWR 1.3

50Ω



Parts	Material	Plating (Micro-inch)
Retainer Ring	Beryllium Copper	Tin-Zinc-Copper-Alloy 100 Over Copper 50
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
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-P8-2.4/3	SMP Jack To 2.4mm Plug 40GHz VSWR 1.3		
Interface	2.4	SMP	
Standard	MIL-STD-348B	MIL-STD-348B	
Mechanically compatible with	1.85		
Electrical Data			
Impedance	50Ω		
Frequency Range	DC To 40GHz		
VSWR	≤ 1.3 (DC To 40GHz)		
Insertion Loss	≤ 0.05 x √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	2.4	SMP	
		Full detent	Limited detent
			Smooth bore Catchers Mit
Recommended Coupling Nut Torque	7.08 to 9.74 in-lbs	NA	NA
Coupling Proof Torque	15 in-lbs	NA	NA
Coupling Nut Retention Force	≥ 60.7 lbs	NA	NA
Contact Captivation-axial	≥ 4.5 lbs	NA	NA
Durability (mating)	≥ 500	≥ 100	≥ 500
Engagement Force	NA	≤ 15 lbs	≤ 10 lbs
Disengagement Force	NA	≥ 5 lbs	≥ 2 lbs
Axial Misalignment	NA	+0.00/-0.25(+.000/-0.10)	
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		

ADS-P8-2.4/3

