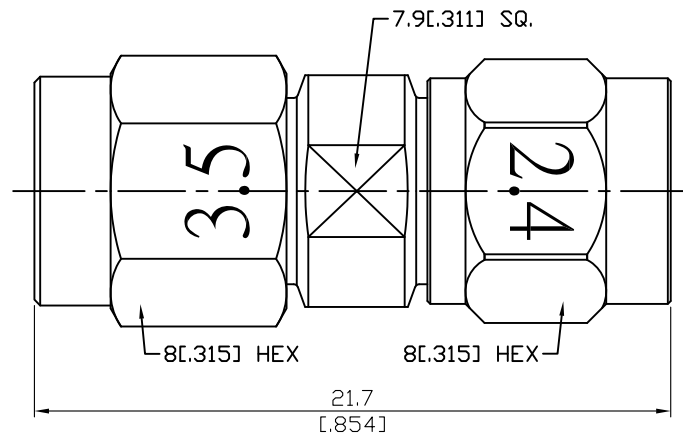


ADS-PC3-2.4/3-1.15

3.5mm Plug To 2.4mm Plug  
34.5GHz VSWR 1.15

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

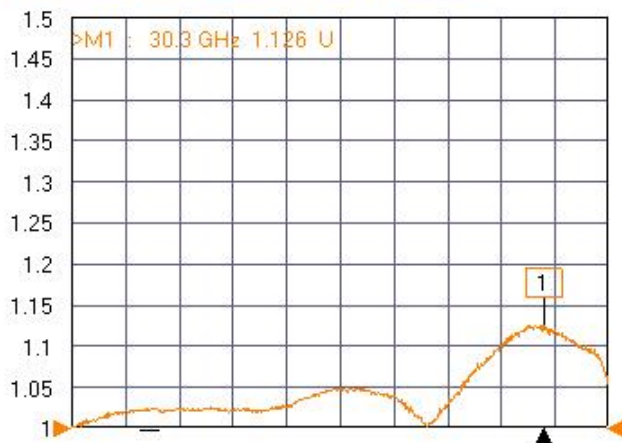
This part number complies with RoHS.

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

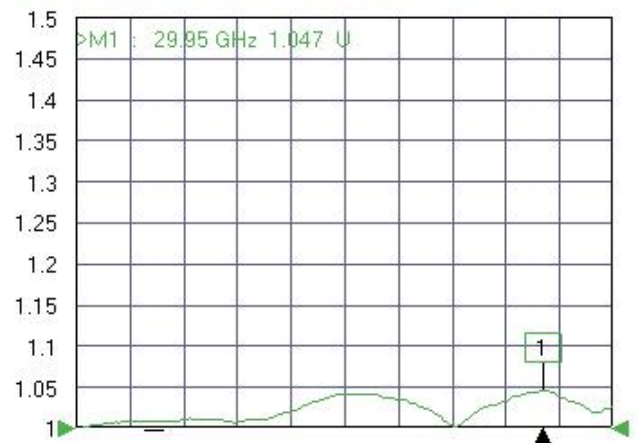
ADS-PC3-2.4/3-1.15	3.5mm Plug To 2.4mm Plug 34.5GHz VSWR 1.15	
<b>Interface</b> Standard Mechanically compatible with	2.4 MIL-STD-348B 1.85	3.5 IEC60169-23 SMA & 2.92
<b>Electrical Data</b> Impedance Frequency Range VSWR Insertion Loss Insulation Resistance Dielectric Withstanding Voltage (at sea level) Working Voltage (at sea level) RF leakage	50Ω DC To 34.5GHz ≤ 1.15 (DC To 34.5GHz) ≤ 0.04 x √f(GHz) dB ≥ 5000MΩ 500 V rms 150 V rms ≥ 100dB to 1GHz	
<b>Mechanical Data</b> Recommended Coupling Nut Torque Coupling Proof Torque Coupling Nut Retention Force Contact Captivation-axial Durability (mating)	2.4 7.08 to 9.74 in-lbs 15 in-lbs ≥ 60.7 lbs ≥ 4.5 lbs ≥ 500	3.5 7.1 to 9.7 in-lbs 15 in-lbs ≥ 60.7 lbs ≥ 6.1 lbs ≥ 500
<b>Environmental Data</b> Temperature Range Thermal Shock Moisture Resistance Corrosion RoHS	-55°C to +105°C MIL-STD-202, Method 107, Condition B MIL-STD-202, Method 206 MIL-STD-202, Method 101, Condition B Compliant	

# ADS-PC3-2.4/3-1.15

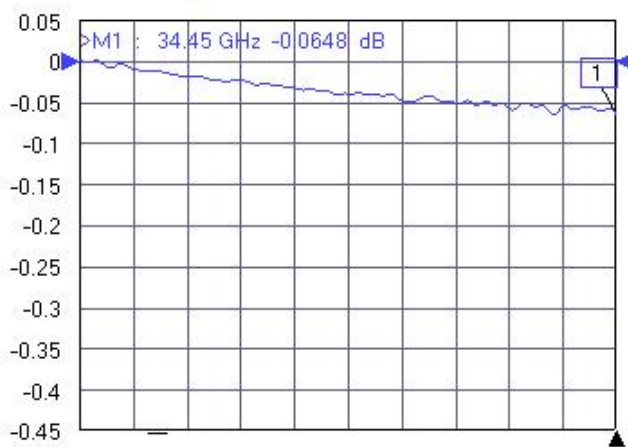
Tr1 S11 Refl SWR RefLvl: 1 U Res: 50 mU/Div



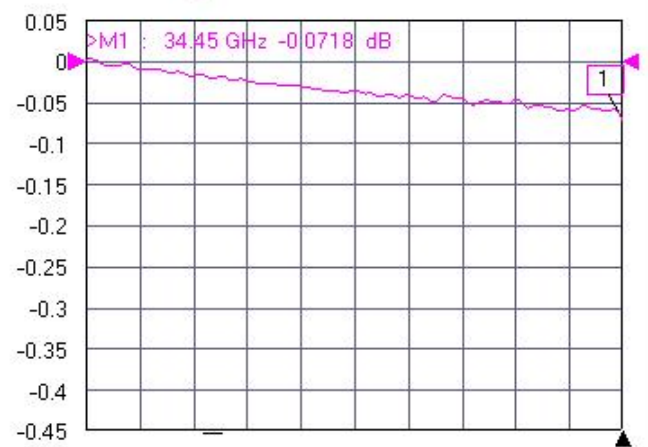
Tr2 S22 Refl SWR RefLvl: 1 U Res: 50 mU/Div



Tr3 S21 Trans LogM RefLvl: 0 dB Res: 0.05 dB/Div



Tr4 S12 Trans LogM RefLvl: 0 dB Res: 0.05 dB/Div



Ch2 TR Start 50 MHz Stop 34.5 GHz IFBW 10 kHz Avg OFF Measuring State CORR