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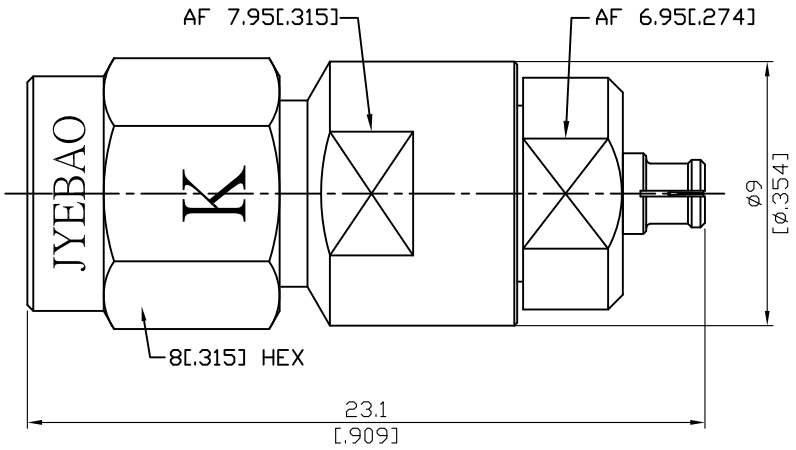
ADS-K3PM8	2.92mm Plug To SMPM Jack 40GHz VSWR 1.3	50Ω



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
2.92mm Insulator	PPO	
SMPM Insulator	Teflon	
SMPM Contact Body	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
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.

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ADS-K3PM8	2.92mm Plug To SMPM Jack 40GHz VSWR 1.3

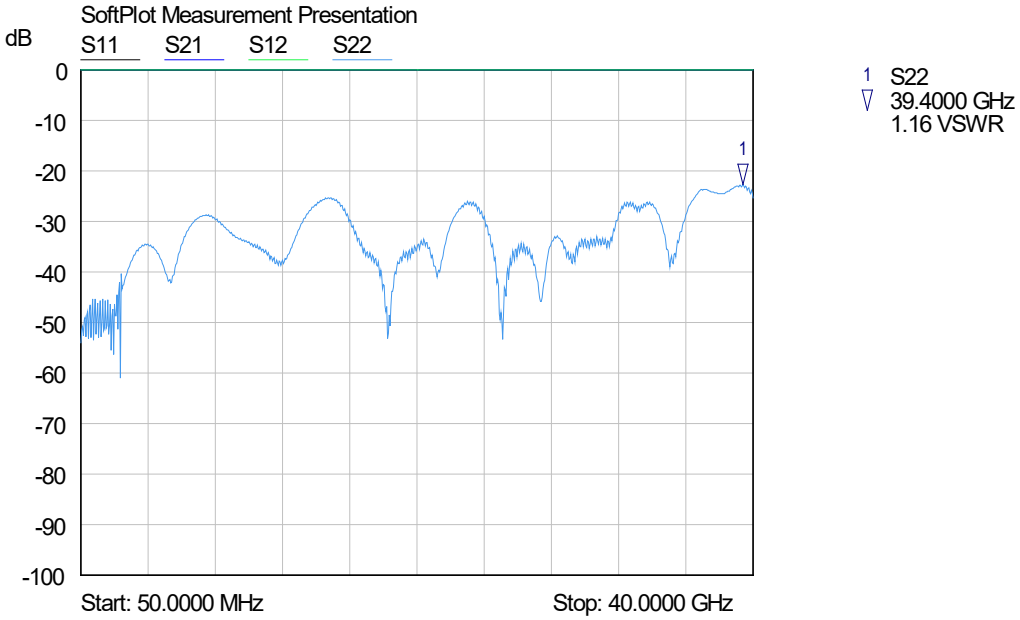
Interface	2.92	SMPM
Standard	MIL-STD-348B	MIL-STD-348B
Mechanically compatible with	3.5 & SMA	

Electrical Data	
Impedance	50Ω
Frequency Range	DC To 40GHz
VSWR	≦1.3 (DC To 40GHz)
Insertion Loss	≦0.05 x $\sqrt{f}$(GHz) dB
Insulation Resistance	≧5000MΩ
Dielectric Withstanding Voltage (at sea level)	325 V rms

Mechanical Data	2.92	SMPM	
		Full detent	Smooth bore
Recommended Coupling Nut Torque	11.47 in-lbs	NA	NA
Coupling Proof Torque	15 in-lbs	NA	NA
Contact Captivation-axial	≧4.9 lbs	≧1.5 lbs	≧1.5 lbs
Durability (mating)	≧500	≧100	≧1000
Engagement Force	NA	3.5 lbs typ	1.5 lbs typ
Disengagement Force	NA	5.0 lbs typ	1.5 lbs typ

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-K3PM8


SoftPlot Measurement Presentation
dB
S11
S21
S12
S22
0
-10
-20
-30
-40
-50
-60
-70
-80
-90
-100
1
Start: 50.0000 MHz
Stop: 40.0000 GHz
1 S22
39.4000 GHz
1.16 VSWR