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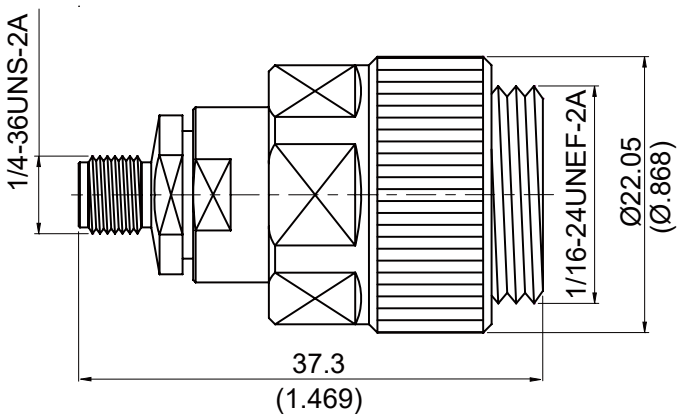
AD-A8PC7	SMA Jack To 7mm 18GHz VSWR 1.2	**50Ω**



Parts	Material	Plating (Micro-inch)
Insulator (SMA)	Teflon	
Insulator (7mm)	PPO	
Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Coupling Nut	Stainless Steel	Passivated

Weight:

This part number complies with RoHS.
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

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AD-A8PC7	SMA Jack To 7mm 18GHz VSWR 1.2

Interface

	SMA	7mm
Standard	MIL-STD-348B	IEC 457-2
Mechanically compatible with	2.92 & 3.5	

Electrical Data

Impedance	50Ω
Frequency Range	DC To 18GHz
VSWR	≦1.2 (DC To 18GHz)
Insertion Loss	≦0.05 x $\sqrt{f}$(GHz) dB
Insulation Resistance	≧5000MΩ
Dielectric Withstanding Voltage (at sea level)	1500 V rms
Working Voltage (at sea level)	500 V rms

Mechanical Data

	SMA	7mm
Recommended Coupling Nut Torque	4 in-lbs	12 in-lbs
Coupling Proof Torque	5.3 in-lbs	17.2 in-lbs
Contact Captivation-axial	≧6.1 lbs	≧6.3 lbs
Durability (mating)	≧100	≧5000

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