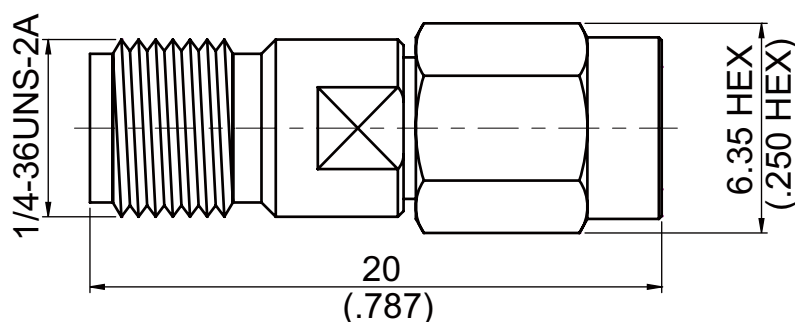


AD-A8SA3

SMA Jack To SSMA Plug
18GHz VSWR 1.2

50Ω



Parts	Material	Plating (Micro-inch)
Retainer Ring	Beryllium Copper	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Gasket	Silicon	
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	Teflon	
Body	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Coupling Nut	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20

Weight:

This part number complies with RoHS.

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

AD-A8SA3		SMA Jack To SSMA Plug 18GHz VSWR 1.2	
Interface		SMA	SSMA
Standard		MIL-STD-348B	MIL-STD-348B
Mechanically Compatible With		2.92 & 3.5	
Electrical Data			
Impedance	50Ω		
Frequency Range	DC To 18GHz		
VSWR	≤ 1.2 (DC To 18GHz)		
Insertion Loss	≤ 0.03 x √f(GHz) dB		
Insulation Resistance	≥ 5000MΩ		
Dielectric Withstanding Voltage (at sea level)	750 V rms		
Working Voltage (at sea level)	250 V rms		
Mechanical Data			
	SMA	SSMA	
Recommended Coupling Nut Torque	4 in-lbs	4 in-lbs	
Coupling Proof Torque	5.3 in-lbs	5 in-lbs	
Coupling Nut Retention Force	NA	≥ 60 lbs	
Contact Captivation-axial	≥ 6.1 lbs	≥ 5 lbs	
Durability (mating)	≥ 100	≥ 500	
Environmental Data			
Temperature Range	-65°C to +165°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		

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