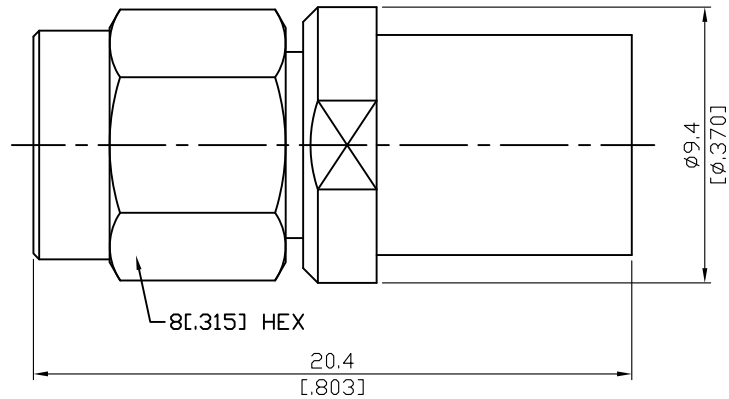


ADS-A3J8	Stainless SMA plug to BMA jack 18GHz VSWR 1.2	50Ω
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Parts	Material	Plating (Micro-inch)
Spring Washer	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Spring Ring	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Contact Body	Stainless Steel	Passivated
Gasket	Silicone	
Retainer Ring	Beryllium Copper	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	Teflon	
Body	Stainless Steel	Passivated
Coupling Nut	Stainless Steel	Passivated

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This part number complies with RoHS.

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

ADS-A3J8		Stainless SMA plug to BMA jack 18GHz VSWR 1.2	
Interface		SMA	BMA
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		≤ 0.05 x √f(GHz) dB	
Insulation Resistance		≥ 5000MΩ	
Dielectric Withstanding Voltage (at sea level)		1500 V rms	
Working Voltage (at sea level)		1000 V rms	
Mechanical Data			
		SMA	BMA
Recommended Coupling Nut Torque		7 to 9.5 in-lbs	NA
Coupling Proof Torque		15 in-lbs	NA
Coupling Nut Retention Force		≥ 60.7 lbs	NA
Contact Captivation-axial		≥ 6.1 lbs	≥ 6.1 lbs
Durability (mating)		≥ 500	≥ 1000
Engagement Force		NA	≤ 3 lbs
Disengagement Force		NA	≤ 1.5 lbs
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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