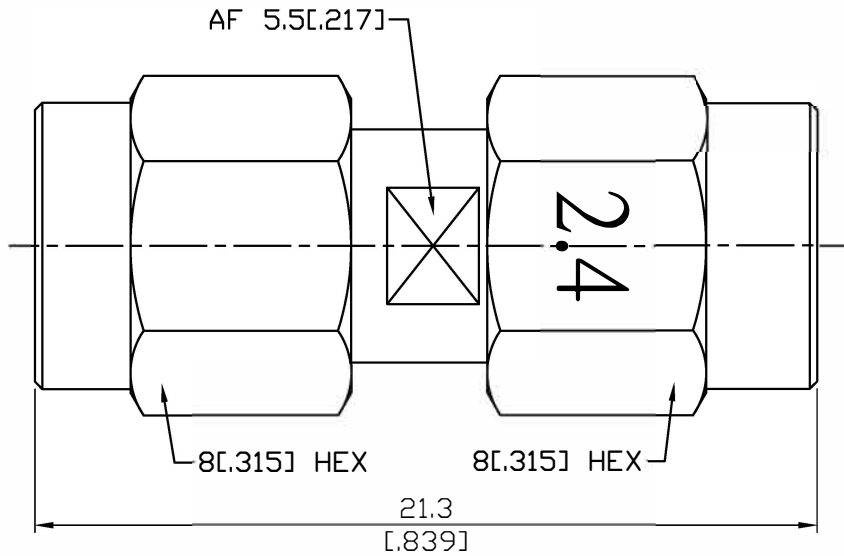


ADS-A3-2.4/3-27-1.1

SMA PLUG TO 2.4 PLUG
27GHz VSWR 1.1

50Ω



| Parts | Material | Plating (Micro-inch) |
|---------------|------------------|---|
| Insulator | PTFE & PPO | |
| 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 |
| 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-A3-2.4/3-27-1.1 | SMA PLUG TO 2.4 PLUG 27GHz VSWR 1.1 | |
|---|---|---|
| Interface Standard Mechanically compatible with | 2.4 MIL-STD-348B 1.85 | SMA MIL-STD-348B 2.92 & 3.5 |
| Electrical Data Impedance Frequency Range VSWR Insertion Loss Insulation Resistance Dielectric Withstanding Voltage (at sea level) Working Voltage (at sea level) | 50Ω DC To 27GHz ≤ 1.1 (DC To 27GHz) ≤ 0.05 x √f(GHz) dB ≥ 5000MΩ 500 V rms 150 V rms | |
| Mechanical Data 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 | SMA 7.5 to 9.5 in-lbs 15 in-lbs ≥ 60.7 lbs ≥ 6.1 lbs ≥ 500 |
| Environmental Data 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 | |

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ADS-A3-2.4/3-27-1.1

