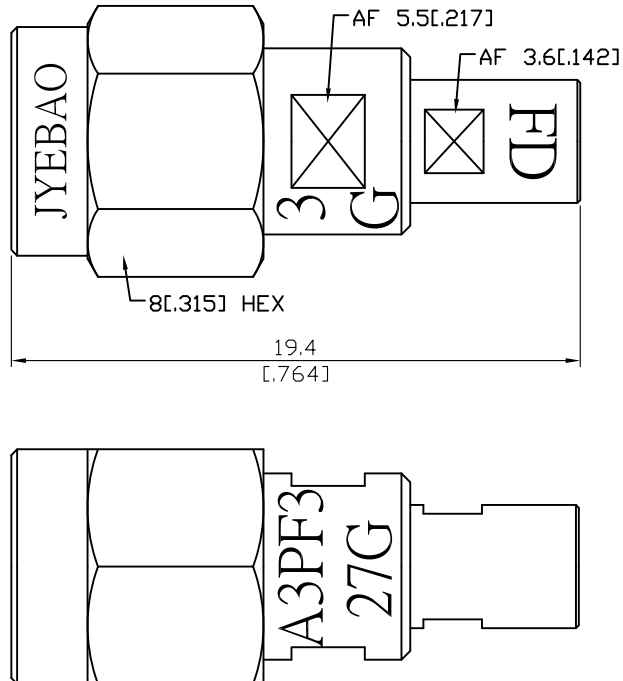


ADS-A3PF3-27-1.15

SMA Plug To SMP Plug Full Detent
27GHz VSWR 1.15

50Ω



| Parts | Material | Plating (Micro-inch) |
|---------------|------------------|---|
| Retainer Ring | Beryllium Copper | Tin-Zinc-Copper-Alloy 100 Over Copper 50 |
| Gasket | Silicone | |
| Ring | Brass | Tin-Zinc-Copper-Alloy 100 Over Copper 50 |
| Insulator | PPO | |
| 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 |

This part number complies with RoHS.

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

| ADS-A3PF3-27-1.15 | SMA Plug To SMP Plug Full Detent 27GHz VSWR 1.15 | | |
|--|---|---------------------------|-----------------------------|
| Interface | SMA | SMP | |
| Standard | MIL-STD-348B | MIL-STD-348B | |
| Mechanically compatible with | 2.92 & 3.5 | | |
| Electrical Data | | | |
| Impedance | 50Ω | | |
| Frequency Range | DC To 27GHz | | |
| VSWR | ≤ 1.15 (DC To 27GHz) | | |
| Insertion Loss | ≤ 0.06 x √f(GHz) dB | | |
| Insulation Resistance | ≥ 5000MΩ | | |
| Dielectric Withstanding Voltage (at sea level) | 500 V rms | | |
| Working Voltage (at sea level) | 335 V rms | | |
| Mechanical Data | SMA | SMP | |
| | | Full detent | Limited detent |
| | | | Smooth bore Catchers Mit |
| Recommended Coupling Nut Torque | 7 to 9.5 in-lbs | NA | NA |
| Coupling Proof Torque | 15 in-lbs | NA | NA |
| Coupling Nut Retention Force | ≥ 60.7 lbs | NA | NA |
| Contact Captivation-axial | ≥ 6.1 lbs | NA | NA |
| Durability (mating) | ≥ 500 | ≥ 100 | ≥ 500 |
| Engagement Force | NA | ≤ 15 lbs | ≤ 10 lbs |
| Disengagement Force | NA | ≥ 5 lbs | ≥ 2 lbs |
| Axial Misalignment | NA | +0.00/-0.25(+.000/-0.010) | |
| Radial Misalignment | NA | +/-0.25(0.010) | |
| 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 | | |

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