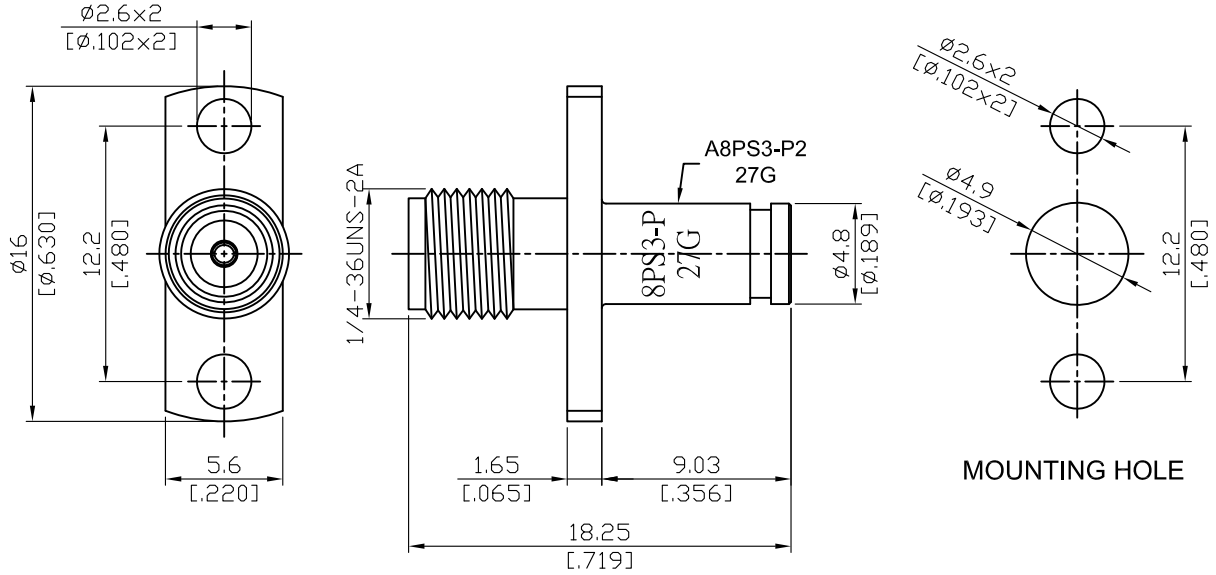


ADS-A8PS3-P2-27

SMA Jack To SMP Plug Smooth Bore
2 Hole Flange; 27GHz VSWR 1.2

50Ω



| Parts | Material | Plating (Micro-inch) |
|-------------|------------------|---|
| Contact Pin | Beryllium Copper | Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20 |
| Insulator | Teflon | |
| Body | Stainless Steel | Passivated |

This part number complies with RoHS.

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

| ADS-A8PS3-P2-27 | | SMA Jack To SMP Plug Smooth Bore 2 Hole Flange; 27GHz VSWR 1.2 | | |
|--|--|---|---------------------------|--------------------------|
| 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 | | ≤ 1.2 (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 |
| 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 | | -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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