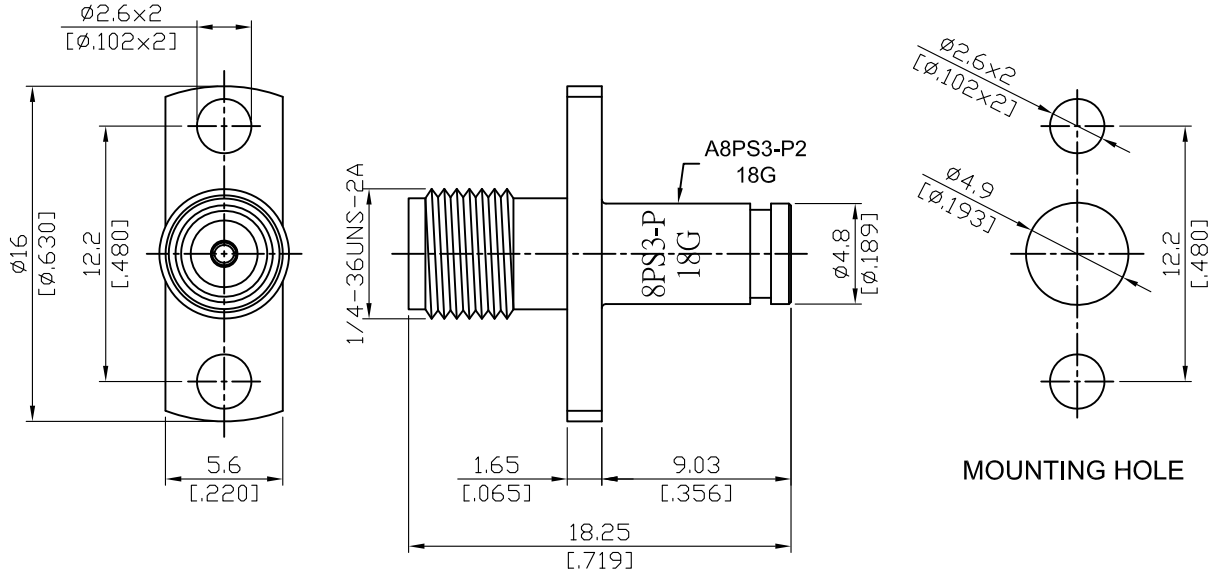


|              |   |     |
|--------------|---|-----|
| ADS-A8PS3-P2 | SMA Jack To SMP Plug Smooth Bore<br>2 Hole Flange; 18GHz VSWR 1.2 | 50Ω |
|--------------|---|-----|



| 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  |

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This part number complies with RoHS.

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

| ADS-A8PS3-P2                                   |  | SMA Jack To SMP Plug Smooth Bore<br>2 Hole Flange; 18GHz VSWR 1.2 |                          |   |
|--|--|---|--------------------------|---|
| <b>Interface</b>                               |  | SMA   | SMP                      |   |
| Standard                                       |  | MIL-STD-348B  | MIL-STD-348B             |   |
| Mechanically compatible with                   |  | 2.92 & 3.5  |                          |   |
| <b>Electrical Data</b>                         |  |   |                          |   |
| Impedance                                      |  | 50Ω   |                          |   |
| Frequency Range                                |  | DC To 18GHz   |                          |   |
| VSWR   |  | ≤ 1.2 (DC To 18GHz)   |                          |   |
| 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   |                          |   |
| <b>Mechanical Data</b>                         |  | SMA   | SMP                      |   |
|  |  |   | Full detent              | Limited detent<br>Smooth bore<br>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<br>≥ 1000                               |
| Engagement Force                               |  | NA  | ≤ 15 lbs                 | ≤ 10 lbs<br>≤ 2 lbs                           |
| Disengagement Force                            |  | NA  | ≥ 5 lbs                  | ≥ 2 lbs<br>≥ 0.5 lbs                          |
| Axial Misalignment                             |  | NA  | +0.00/-0.25(+.000/-.010) |   |
| Radial Misalignment                            |  | NA  | +/-0.25(0.010)           |   |
| <b>Environmental Data</b>                      |  |   |                          |   |
| 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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