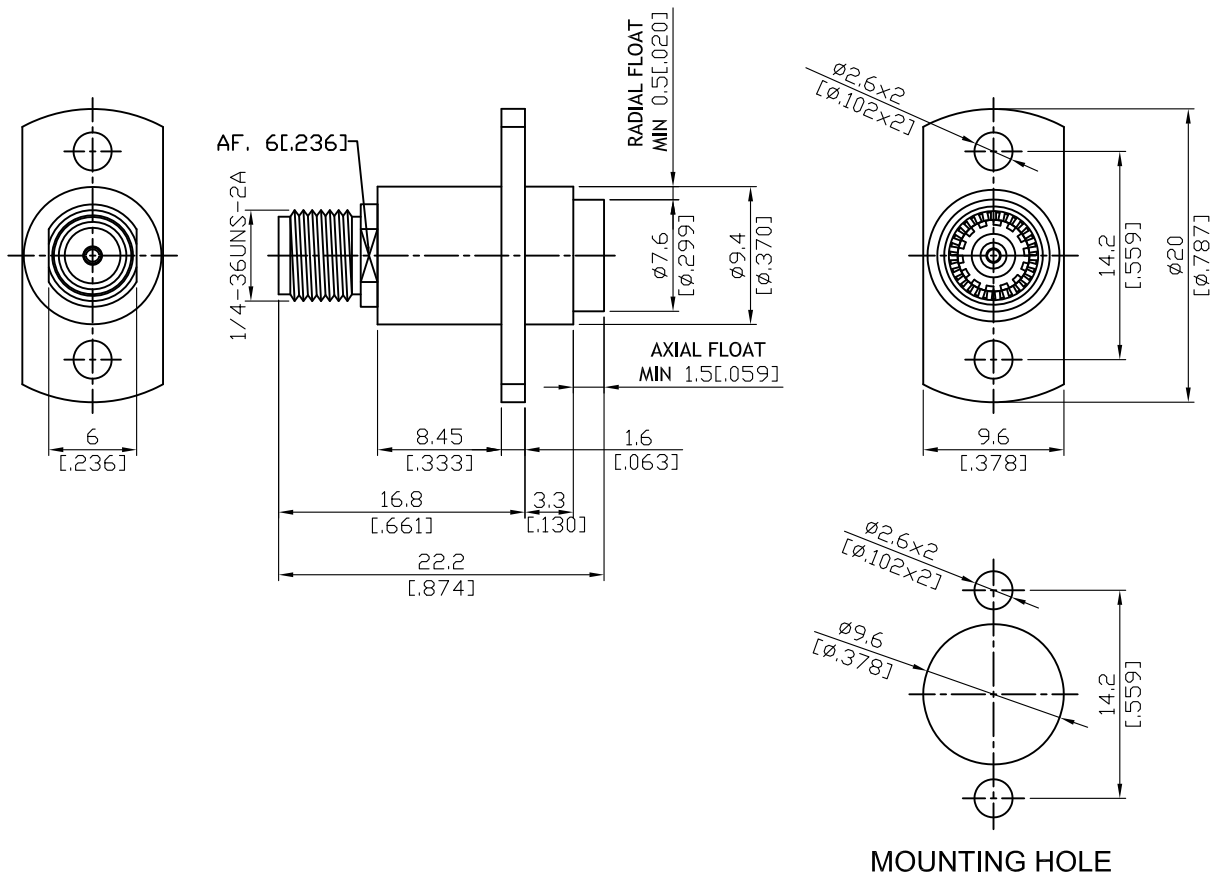


ADS-A8J8-P2B

SMA Jack to BMA Jack 2-Hole Flange  
18GHz VSWR 1.15

50Ω



| Parts        | Material         | Plating ( Micro-inch )                                |
|--------------|------------------|---|
| Spring       | Stainless Steel  |   |
| Spring Ring  | Beryllium Copper | Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20 |
| 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-A8J8-P2B                                   |  | SMA Jack to BMA Jack 2-Hole Flange<br>18GHz VSWR 1.15 |              |
|--|--|---|--------------|
| <b>Interface</b>                               |  | SMA   | BMA          |
| 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   |  | ≤ 1.15 (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  |              |
| <b>Mechanical Data</b>                         |  | SMA   | BMA          |
| Recommended Coupling Nut Torque                |  | 7 to 9.5 in-lbs                                       | NA           |
| Coupling Proof Torque                          |  | 15 in-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    |
| <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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