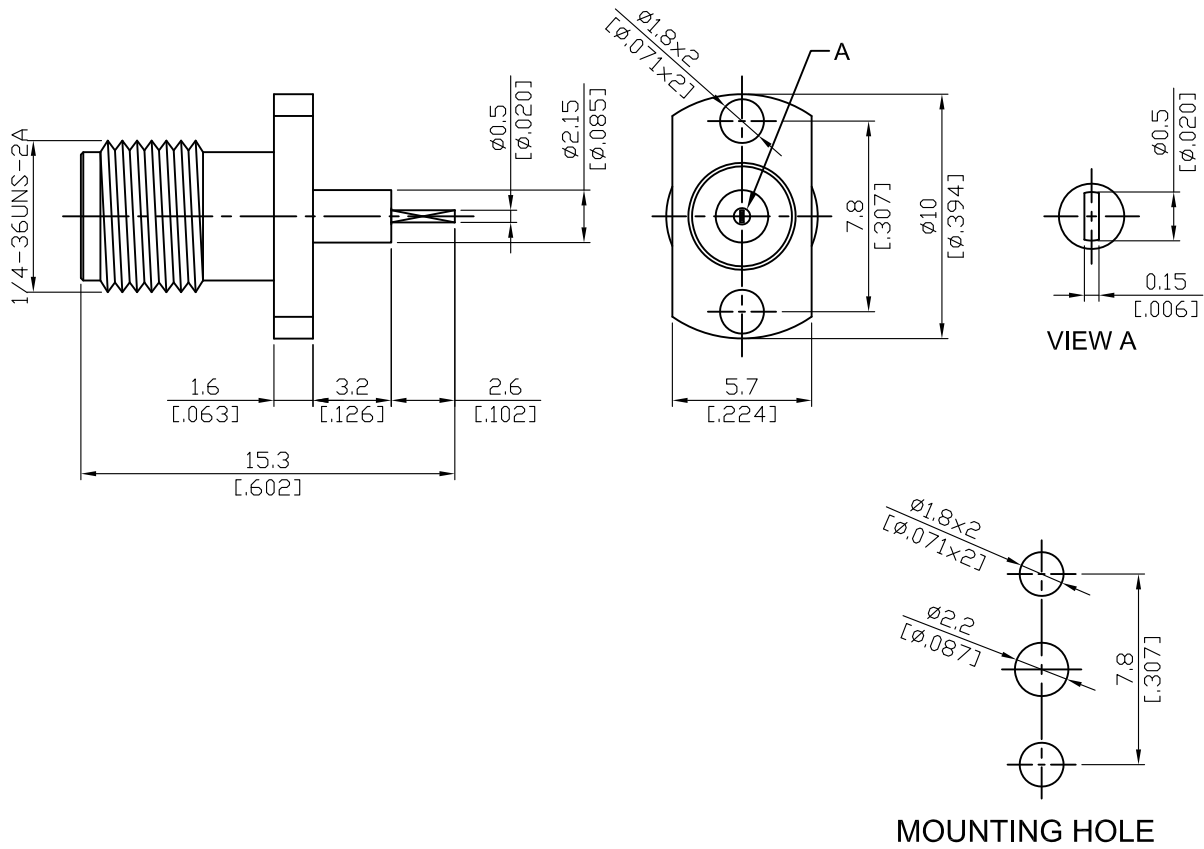


SMA862S-3.2/2.6

SMA Jack $\phi 10\text{mm}$ 2 Hole Flange With Tab Contact
(W=0.5;T=0.15;L=2.6), PTFE L=3.2; 18GHz VSWR 1.2

50 Ω



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

This part number complies with RoHS.

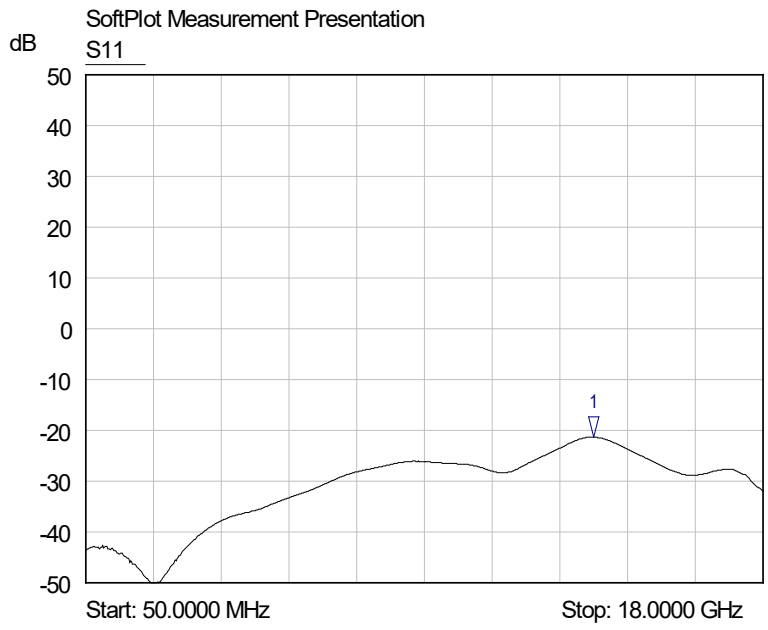
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

| SMA | SMA862S-3.2/2.6 |
|--|-----------------|
| <div data-bbox="167 347 568 392" style="border: 1px solid black; padding: 2px;">Interface</div> <p>MIL-STD-348B</p> <p>Mechanically compatible with 2.92 & 3.5</p> | |
| <div data-bbox="167 515 568 560" style="border: 1px solid black; padding: 2px;">Electrical Data</div> <p>Impedance 50Ω</p> <p>Frequency range DC to 18GHz</p> <p>VSWR ≤ 1.2 (DC to 18GHz)</p> <p>Insertion loss $\leq 0.04 \times \sqrt{f(\text{GHz})}$ dB</p> <p>Insulation resistance $\geq 5000\text{M}\Omega$</p> <p>Contact resistance inner conductor $\leq 3\text{m}\Omega$</p> <p>Contact resistance outer conductor $\leq 2\text{m}\Omega$</p> <p>Dielectric withstanding voltage (at sea level) 1500 V rms</p> <p>Working voltage (at sea level) 500 V rms</p> | |
| <div data-bbox="167 1059 568 1104" style="border: 1px solid black; padding: 2px;">Mechanical Data</div> <p>Recommended coupling nut torque 7 to 9.5 inch lbs</p> <p>Coupling proof torque 15 inch lbs</p> <p>Contact Captivation-axial ≥ 6.1 lbs</p> <p>Durability (mating) ≥ 500</p> | |
| <div data-bbox="167 1413 568 1458" style="border: 1px solid black; padding: 2px;">Environmental Data</div> <p>Temperature range -65°C to +165°C</p> <p>Thermal shock MIL-STD-202, Method 107, Condition B</p> <p>Moisture resistance MIL-STD-202, Method 106</p> <p>Corrosion MIL-STD-202, Method 101, Condition B</p> <p>RoHS Compliant</p> | |
| <div data-bbox="167 1767 568 1812" style="border: 1px solid black; padding: 2px;">Tooling</div> | |

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SMA862S-3.2-2.6

S11



1 S11
▽ 13.5069 GHz
-21.32 dB