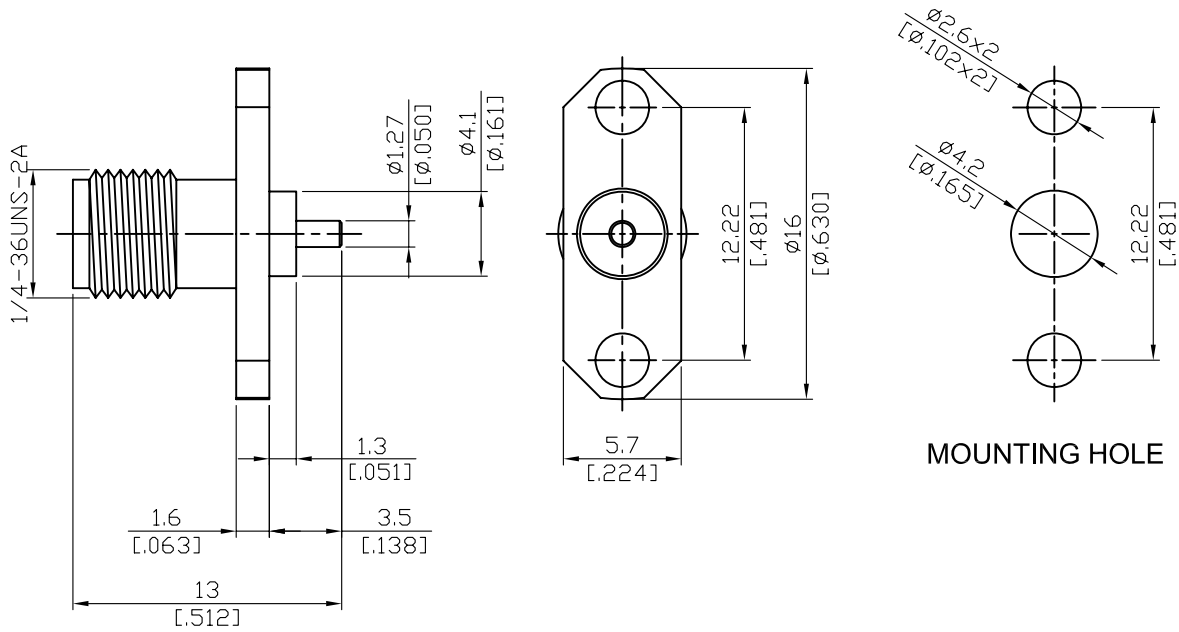


| | | |
|--------------|---|-------------|
| SMA862J-0000 | SMA jack 2 hole $\phi 16$ flange with round contact ($\phi 1.27$; L=2.2); PTFE L=1.3; 18GHz VSWR 1.2 | 50 Ω |
|--------------|---|-------------|



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

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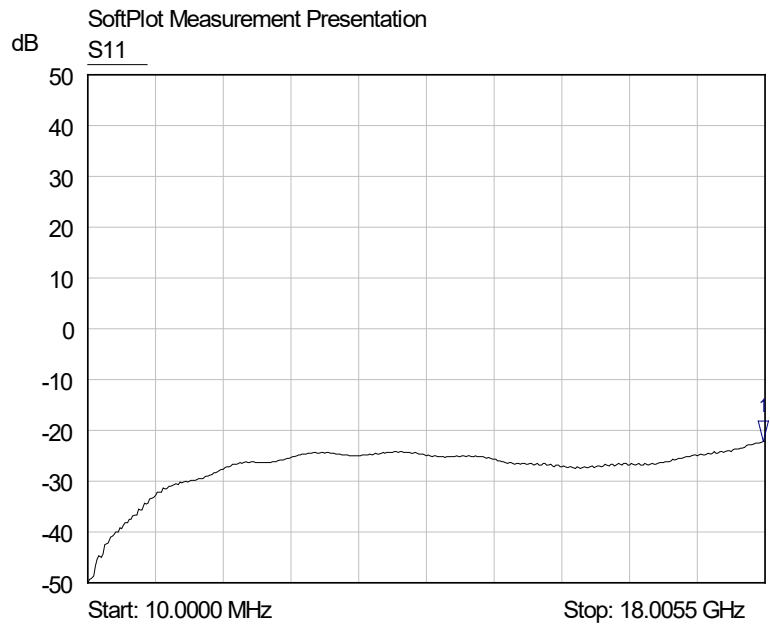
This part number complies with RoHS.
 Notice: JYEBAO reserves the right to make modifications deemed appropriate.

| SMA | SMA862J-0000 |
|--|--------------|
| <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Interface</div> MIL-STD-348B Mechanically compatible with 2.92 & 3.5 | |
| <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Electrical Data</div> Impedance 50Ω Frequency range DC to 18GHz VSWR ≤ 1.2 (DC to 18GHz) Insertion loss $\leq 0.04 \times \sqrt{f(\text{GHz})}$ dB Insulation resistance $\geq 5000\text{M}\Omega$ Contact resistance inner conductor $\leq 3\text{m}\Omega$ Contact resistance outer conductor $\leq 2\text{m}\Omega$ Dielectric withstanding voltage (at sea level) 1500 V rms Working voltage (at sea level) 500 V rms | |
| <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Mechanical Data</div> Recommended coupling nut torque 4 inch lbs Coupling proof torque 5.3 inch lbs Contact Captivation-axial ≥ 6.1 lbs Durability (mating) ≥ 100 | |
| <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Environmental Data</div> Temperature range -65°C to +165°C Thermal shock MIL-STD-202, Method 107, Condition B Moisture resistance MIL-STD-202, Method 106 Corrosion MIL-STD-202, Method 101, Condition B RoHS Compliant | |
| <div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Tooling</div> | |

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

SMA862J-0000

S11



1 S11
▽ 17.9555 GHz
-22.16 dB