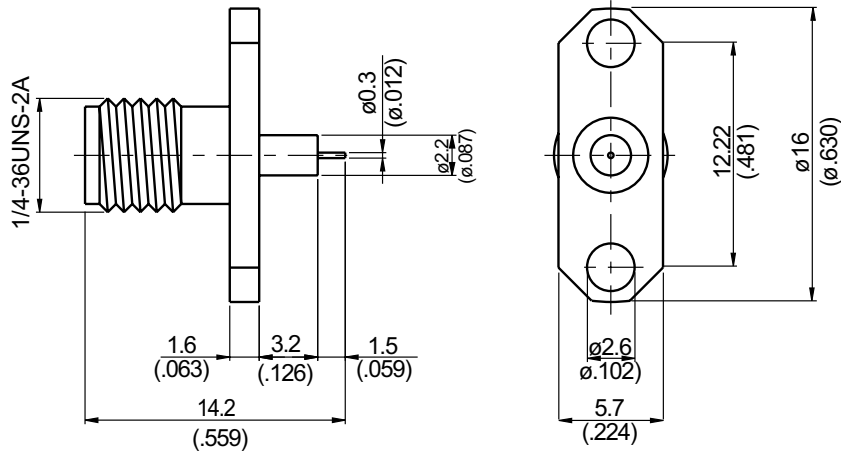
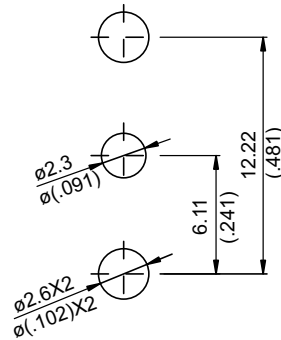


SMA862N-0032

SMA Jack $\phi 16\text{mm}$ 2 Hole Flange With Round Contact ($\phi 0.3$; $L=1.5$), PTFE $L=3.2$; 27GHz VSWR 1.3 50 Ω



MOUNTING HOLE :



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

Weight: 2.04 g

This part number complies with RoHS.

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

SMA862N-0032

Interface

MIL-STD-348B

Mechanically compatible with 2.92 & 3.5

Electrical Data

| | |
|--|---------------------|
| Impedance | 50Ω |
| Frequency range | DC to 27GHz |
| VSWR | ≤ 1.3 (DC to 27GHz) |
| Insertion loss | ≤ 0.04 x √f(GHz) dB |
| Insulation resistance | ≥ 5000MΩ |
| Contact resistance inner conductor | ≤ 3mΩ |
| Contact resistance outer conductor | ≤ 2mΩ |
| Dielectric withstanding voltage (at sea level) | 1500 V rms |
| Working voltage (at sea level) | 500 V rms |

Mechanical Data

| | |
|---------------------------------|--------------|
| Recommended coupling nut torque | 4 inch lbs |
| Coupling proof torque | 5.3 inch lbs |
| Contact Captivation-axial | ≥ 6.1 lbs |
| Durability (mating) | ≥ 100 |

Environmental Data

| | |
|---------------------|--------------------------------------|
| 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 |

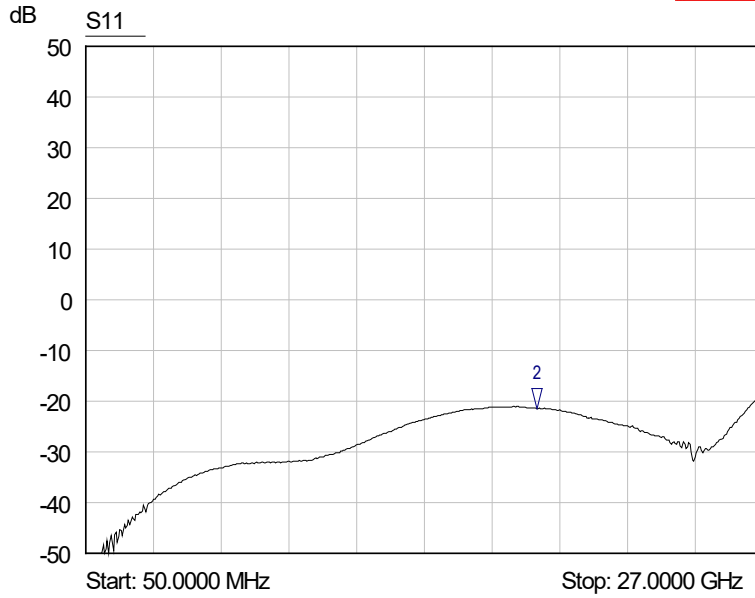
Tooling

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

SMA862N-0032

S11

SoftPlot Measurement Presentation



勝特力電材超市-龍山店 886-3-5773766
勝特力電材超市-光復店 886-3-5729570
勝特力电子(上海) 86-21-34970699
勝特力电子(深圳) 86-755-83298787
<http://www.100y.com.tw>

- 1 S11
▽ 27.0000 GHz
-18.21 dB
- 2 S11
▽ 18.0000 GHz
-21.48 dB