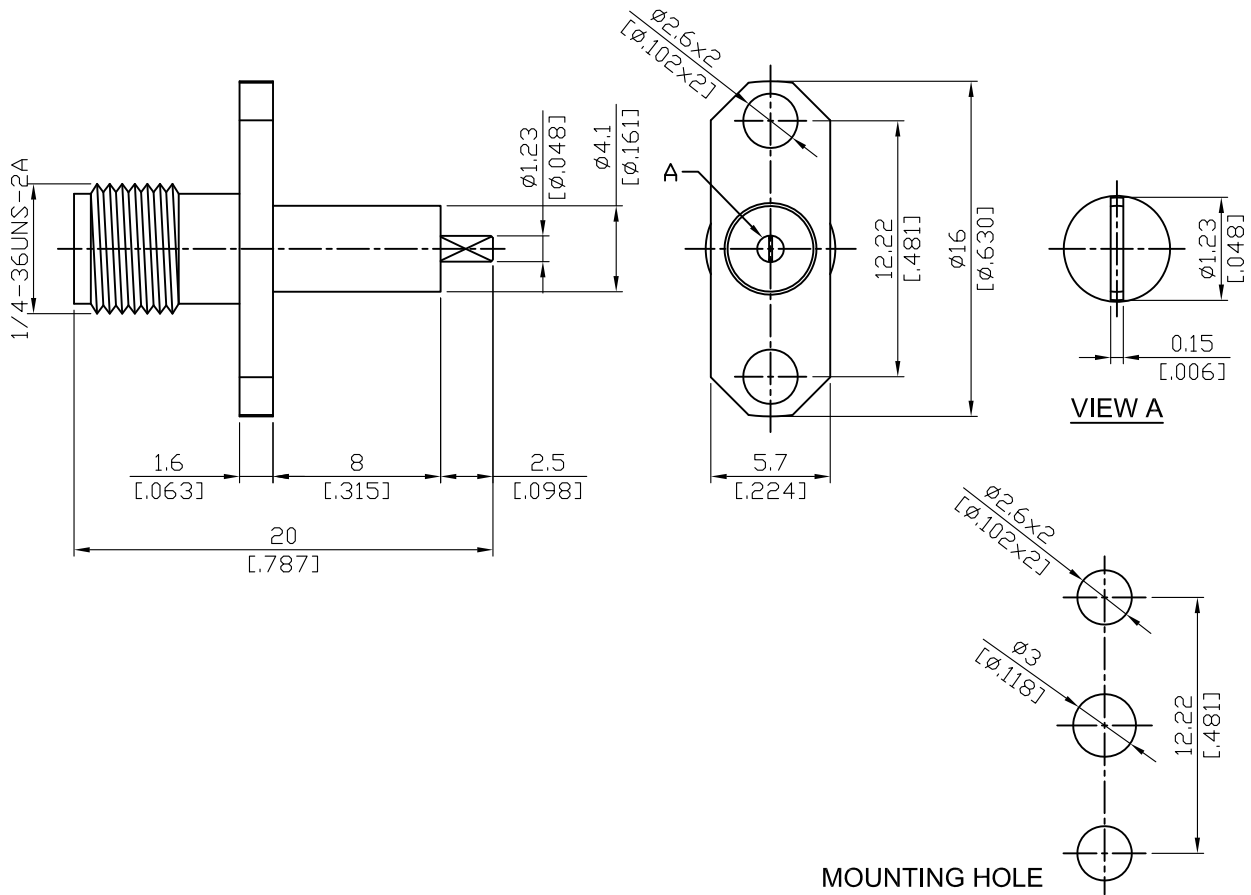


SMA862PLSG-0000

SMA Jack  $\phi 16\text{mm}$  2 Hole Flange With Tab Contact  
(W=1.23;T=0.15;L=2.5),PTFE L=8; 18GHz VSWR 1.2

50 $\Omega$



Parts	Material	Plating ( Micro-inch )
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	Teflon	
Body	Stainless Steel	Gold 5 over Nickel 50 over Copper 50

This part number complies with RoHS.

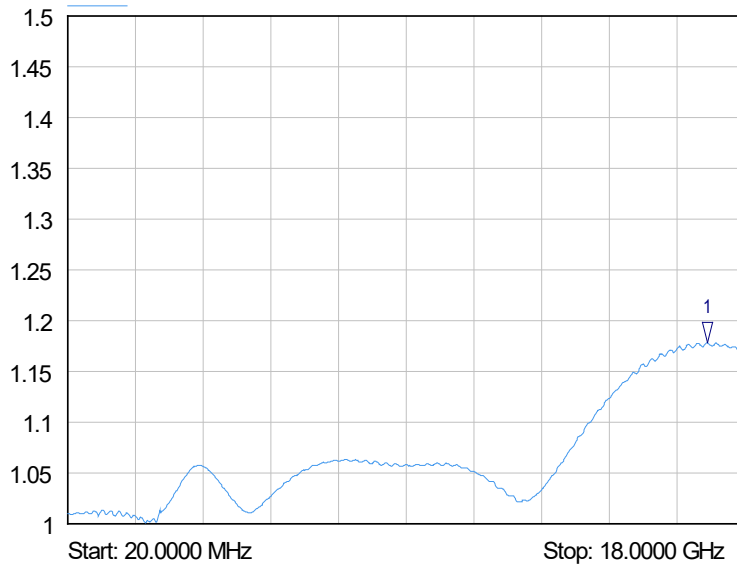
Notice: JYEBAO reserves the right to make modifications deemed appropriate.

SMA	SMA862PLSG-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 ≤ 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	
<div style="border: 1px solid black; padding: 2px; margin-bottom: 5px;">Mechanical Data</div> Recommended coupling nut torque 7 to 9.5 inch lbs Coupling proof torque 15 inch lbs Contact Captivation-axial ≥ 6.1 lbs Durability (mating) ≥ 500	
<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.

# SMA862PLSG-0000

SoftPlot Measurement Presentation  
VSWR S22



1 S22  
▽ 17.0000 GHz  
1.18 VSWR