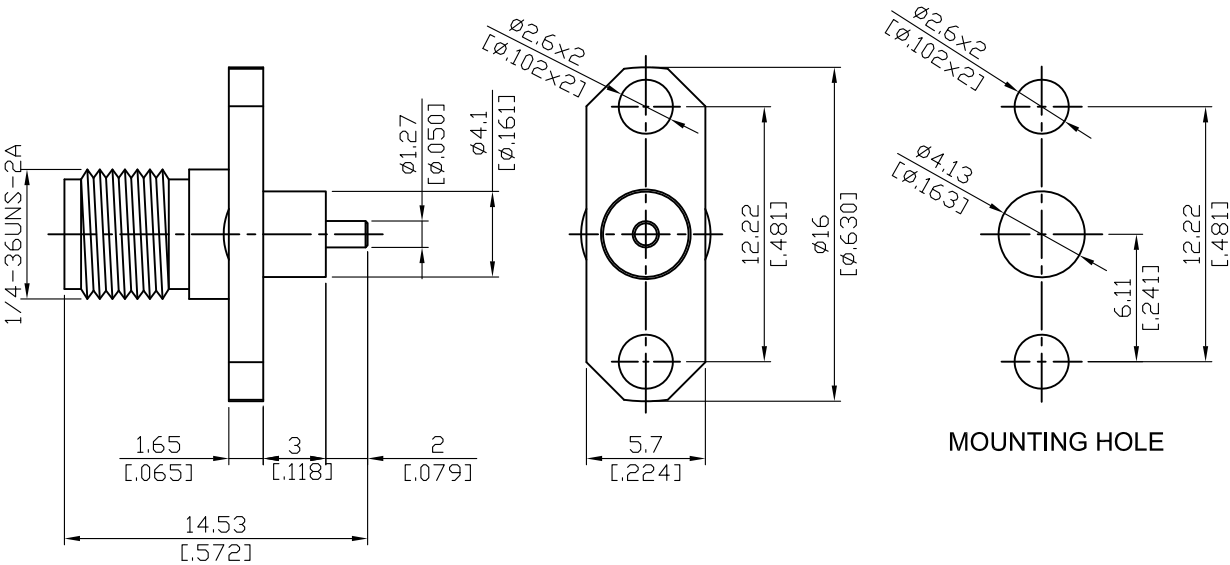


SMA8620-3/2

SMA Jack $\phi 16\text{mm}$ 2 Hole Flange With Round Contact
($\phi 1.27$; $L=2$); PTFE $L=3$; 18GHz VSWR 1.2

50 Ω

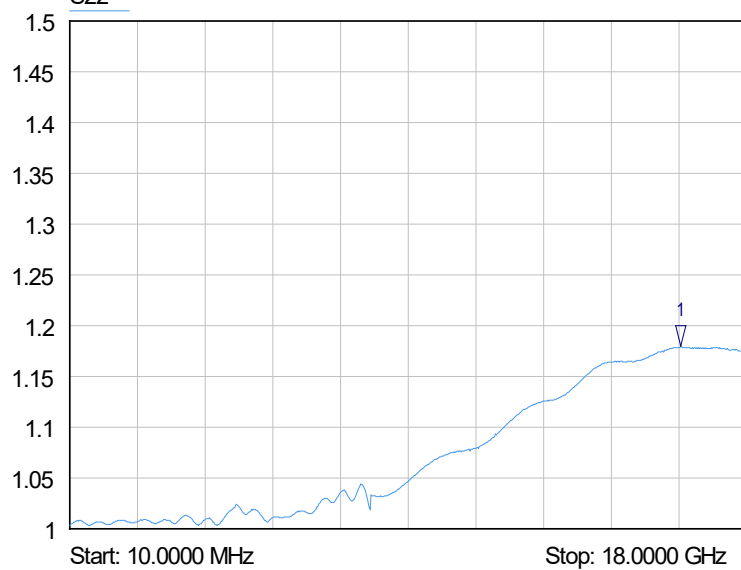


Parts	Material	Plating (Micro-inch)
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	Teflon	
Body	Brass	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20

SMA	SMA8620-3/2
Interface MIL-STD-348B Mechanically compatible with2.92 & 3.5	
Electrical Data Impedance50Ω Frequency rangeDC 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	
Mechanical Data Recommended coupling nut torque4 inch lbs Coupling proof torque5.3 inch lbs Contact Captivation-axial≥6.1 lbs Durability (mating)≥100	
Environmental Data Temperature range-65°C to +165°C Thermal shockMIL-STD-202, Method 107, Condition B Moisture resistanceMIL-STD-202, Method 106 CorrosionMIL-STD-202, Method 101, Condition B RoHSCompliant	
Tooling	

SMA8620-3/2

SoftPlot Measurement Presentation
VSWR S22



1 S22
▽ 16.2460 GHz
1.18 VSWR

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