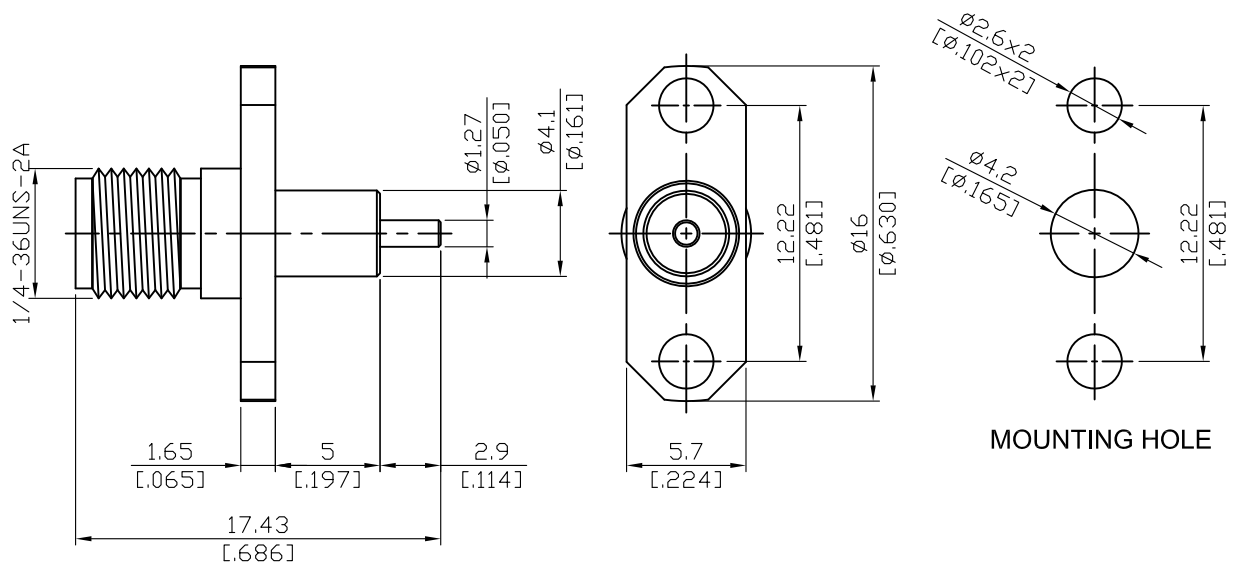


SMA862H1-0000

SMA Jack 2 Hole 16Φ Flange With Round contact
(Φ1.27; L=2.9); PTFE L=5; 27GHz VSWR 1.35

50Ω



Parts

Material

Plating (Micro-inch)

Contact Pin

Beryllium Copper

Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20

Insulator

Teflon

Body

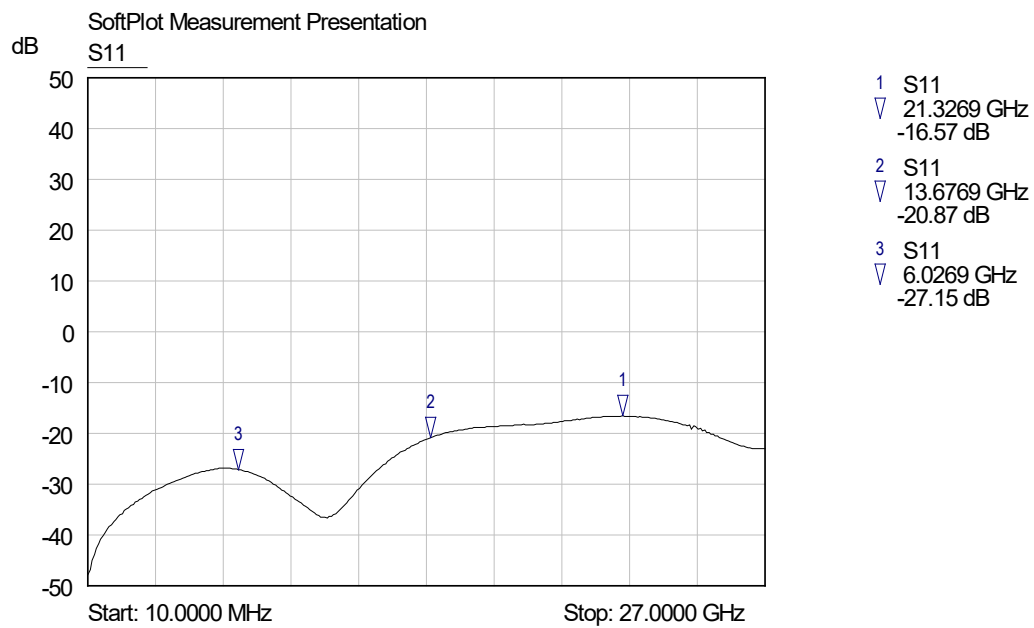
Brass

Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20

	SMA862H1-0000
Interface	
MIL-STD-348B	
Mechanically compatible with	2.92 & 3.5
Electrical Data	
Impedance	50Ω
Frequency range	DC to 27GHz
VSWR	≤ 1.35 (DC to 27GHz)
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
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	

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