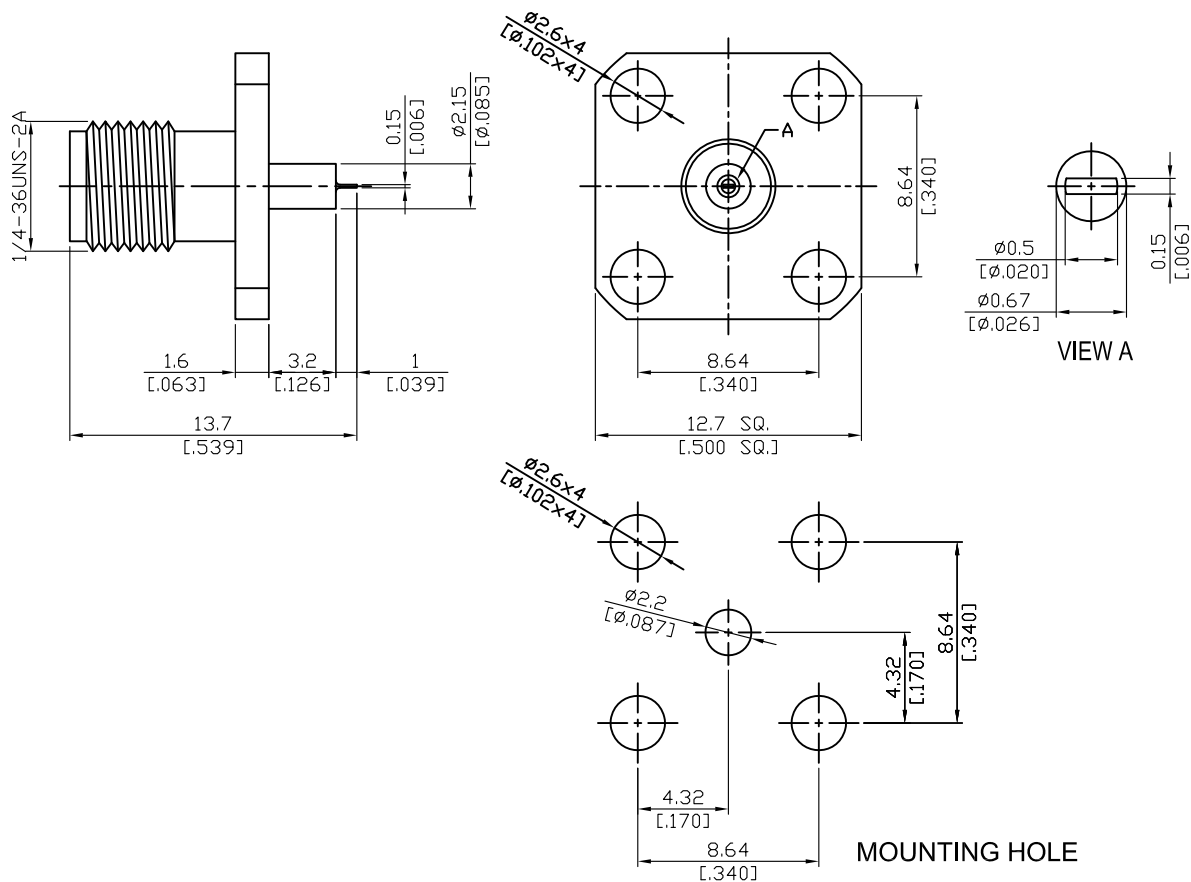


SMA864PSA-0003

SMA Jack SQ 12.7mm 4 Hole Flange With Tab Contact
(W=0.5;T=0.15;L=1); PTFE L=3.2; 27GHz VSWR 1.2

75Ω

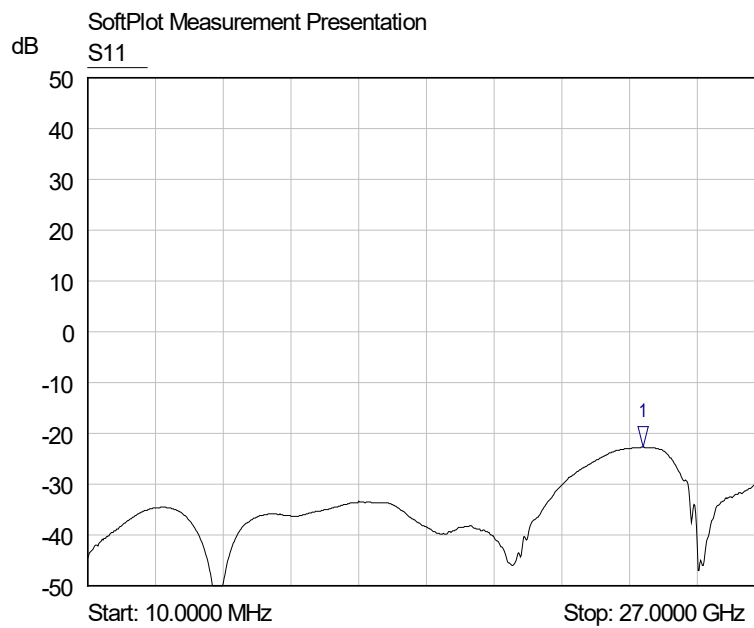


Parts	Material	Plating (Micro-inch)
Contact Pin	Beryllium Copper	Gold 4 Over Nickel-Phosphorus Alloy 80 Over Copper 20
Insulator	Teflon	
Body	Stainless Steel	Passivated

SMA	SMA864PSA-0003
Interface MIL-STD-348B Mechanically compatible with	2.92 & 3.5
Electrical Data Impedance Frequency range VSWR Insertion loss Insulation resistance Contact resistance inner conductor Contact resistance outer conductor Dielectric withstanding voltage (at sea level) Working voltage (at sea level)	50Ω DC to 27GHz ≤ 1.2 (DC to 27GHz) $\leq 0.04 \times \sqrt{f(\text{GHz})}$ dB $\geq 5000\text{M}\Omega$ $\leq 3\text{m}\Omega$ $\leq 2\text{m}\Omega$ 1500 V rms 500 V rms
Mechanical Data Recommended coupling nut torque Coupling proof torque Contact Captivation-axial Durability (mating)	7 to 9.5 inch lbs 15 inch lbs ≥ 6.1 lbs ≥ 500
Environmental Data Temperature range Thermal shock Moisture resistance Corrosion RoHS	-65°C to +165°C MIL-STD-202, Method 107, Condition B MIL-STD-202, Method 106 MIL-STD-202, Method 101, Condition B Compliant
Tooling	

SMA864PSA-0003

S11



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