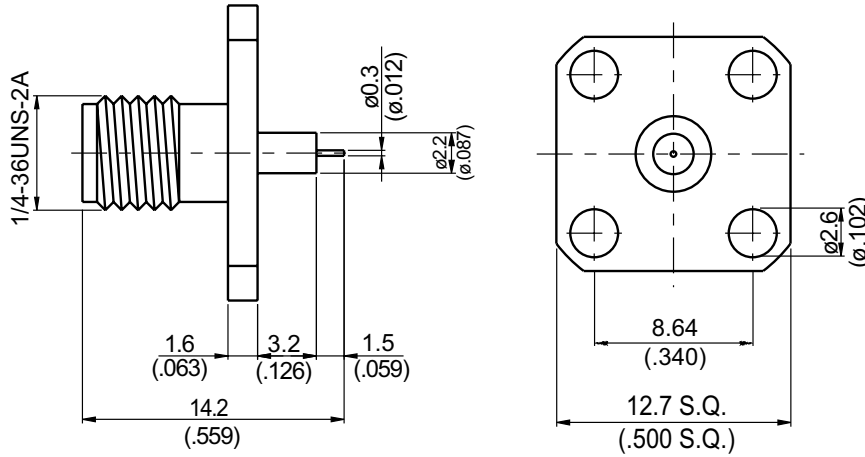


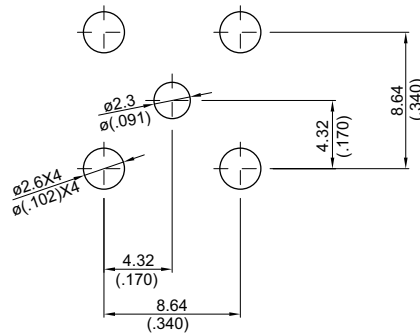
勝特力電材超市-龍山店 886-3-5773766
 勝特力電材超市-光復店 886-3-5729570
 勝特力電子(上海) 86-21-34970699
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<http://www.100y.com.tw>

SMA864N-0032

SMA Jack SQ 12.7mm 4 Hole Flange With Round Contact ($\Phi 0.3$;L=1.5), PTFE L=3.2; 9GHz VSWR 1.2 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: 2.84 g

SMA864N-0032

Interface

MIL-STD-348B

Mechanically compatible with 2.92 & 3.5

Electrical Data

Impedance	50Ω
Frequency range	DC to 9GHz
VSWR	≤ 1.2 (DC to 9GHz)
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
Coupling nut retention force	≥ 60.7 lbs
Contact Captivation-axial	≥ 6.1 lbs
Durability (mating)	≥ 100

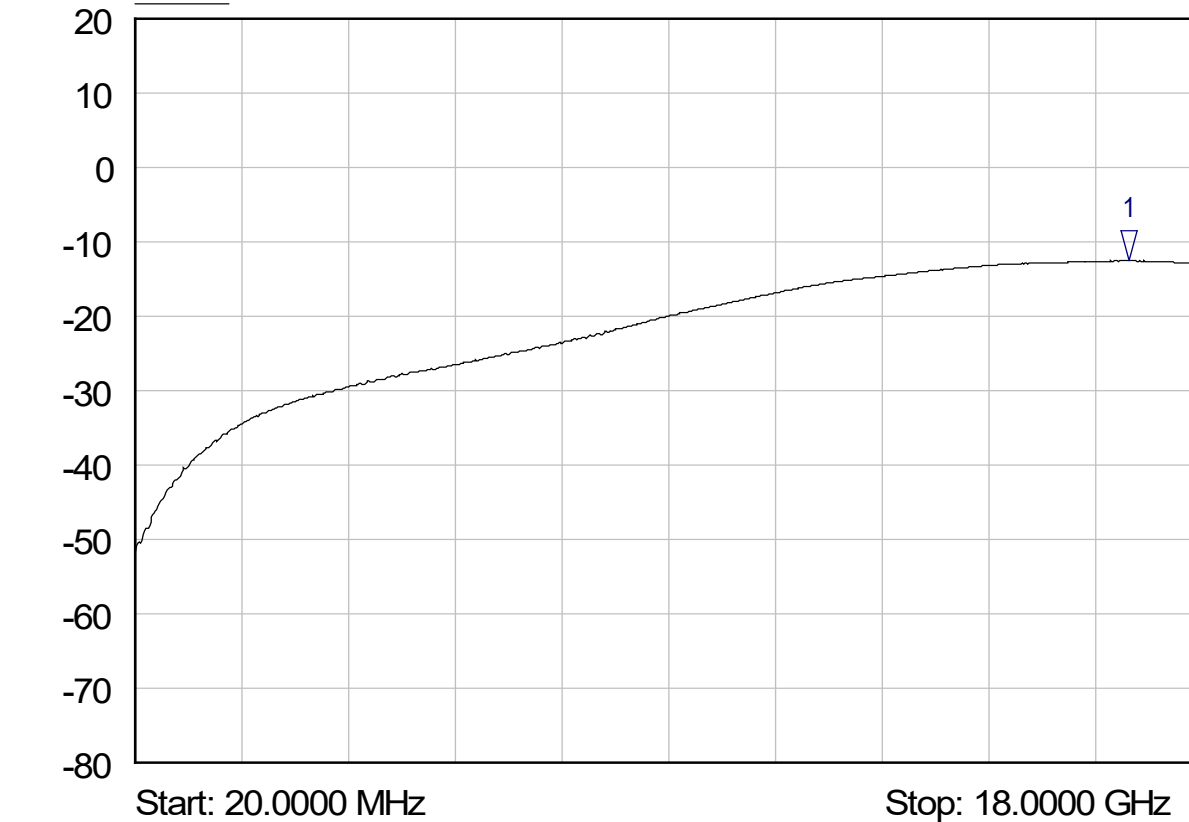
Environmental Data

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

SMA864N-0032

SoftPlot Measurement Presentation
S11



1 S11
▽ 16.7600 GHz
-12.54 dB

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