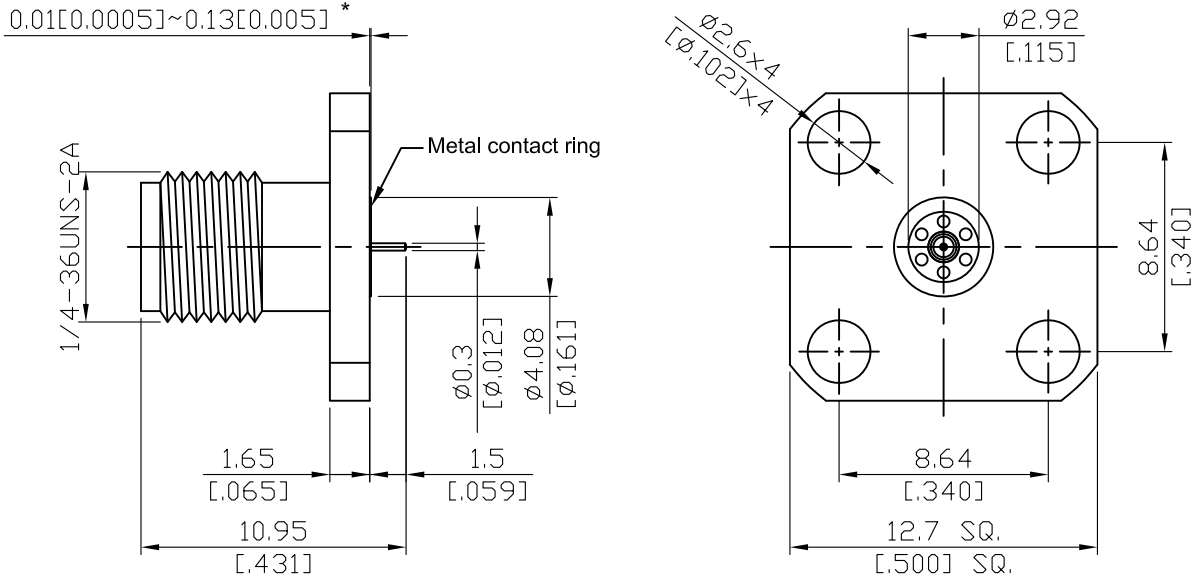


K864N5-00AB

2.92mm Jack SQ 12.7mm 4 Hole Flange With Round Contact ($\Phi 0.3$;L=1.5); 40GHz VSWR 1.2

50 Ω



*360° Raised Metal Contact Ring

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

2.92 (K)

K864N5-00AB

Interface

MIL-STD-348B

Mechanically compatible with

3.5 & SMA

Electrical Data

Impedance

50Ω

Frequency range

DC to 40GHz

VSWR

 ≤ 1.2 (DC to 40GHz)

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)

750 V rms

Working Voltage (at sea level)

250 V rms

RF leakage

 $\geq 100\text{dB}$ to 1GHz

Mechanical Data

Recommended coupling nut torque

11.47 inch lbs

Coupling proof torque

15 inch lbs

Contact Captivation-axial

 ≥ 4.9 lbs

Durability (mating)

 ≥ 500

Environmental Data

Temperature range

-40°C to +165°C

Thermal shock

MIL-STD-202, Method 107, Condition B

Moisture resistance

MIL-STD-202, Method 206

Corrosion

MIL-STD-202, Method 101, Condition B

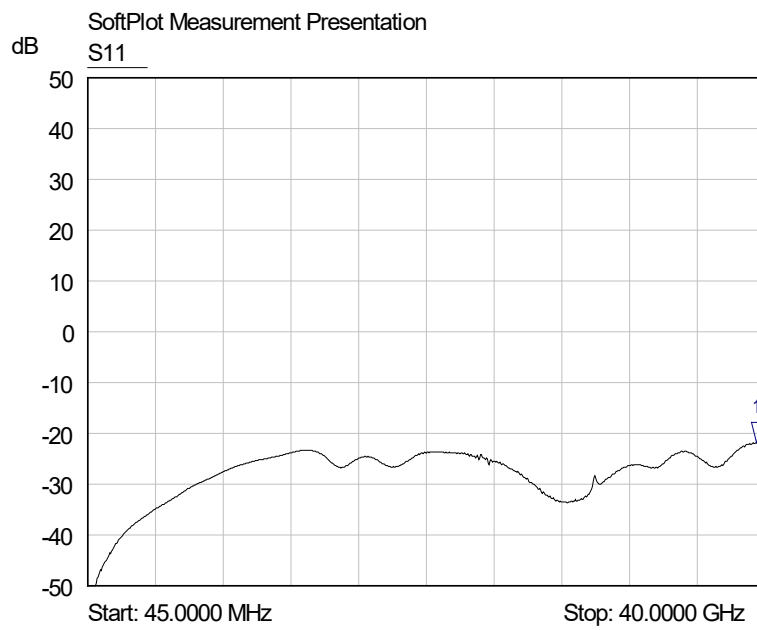
RoHS

Compliant

Tooling

K864N5-00AB

S11



1 S11
▽ 39.5006 GHz
-21.79 dB

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
勝特力电子(上海) 86-21-34970699
勝特力电子(深圳) 86-755-83298787
<http://www.100y.com.tw>