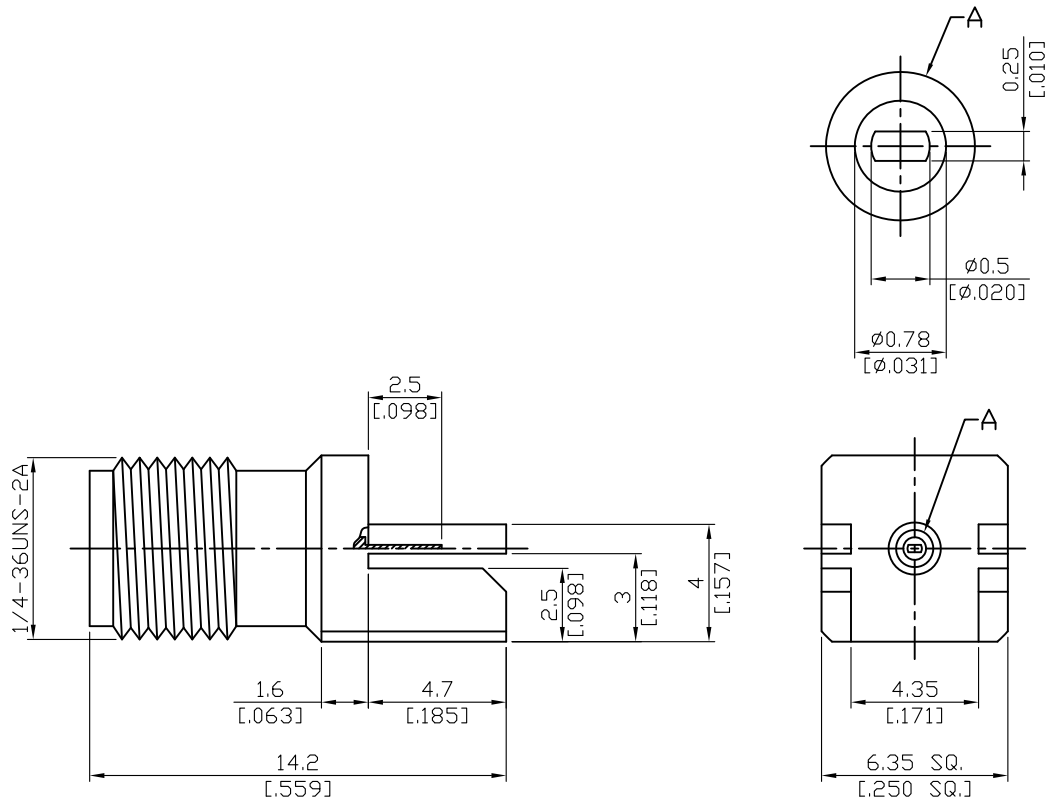


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<http://www.100y.com.tw>

K84NDA-0000

2.92mm Jack PCB Mount End Launch (T=0.5) With Tab  
 Contact (W=0.5;T=0.25;L=2.5); 40GHz VSWR 1.2

50Ω



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

2.92 (K)

K84NDA-0000

## Interface

MIL-STD-348B

Mechanically compatible with

3.5 &amp; SMA

## Electrical Data

Impedance

50Ω

Frequency range

DC to 40GHz

VSWR

 $\leq 1.2$  (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

 $\geq 4.9$  lbs

Durability (mating)

 $\geq 500$ 

## 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

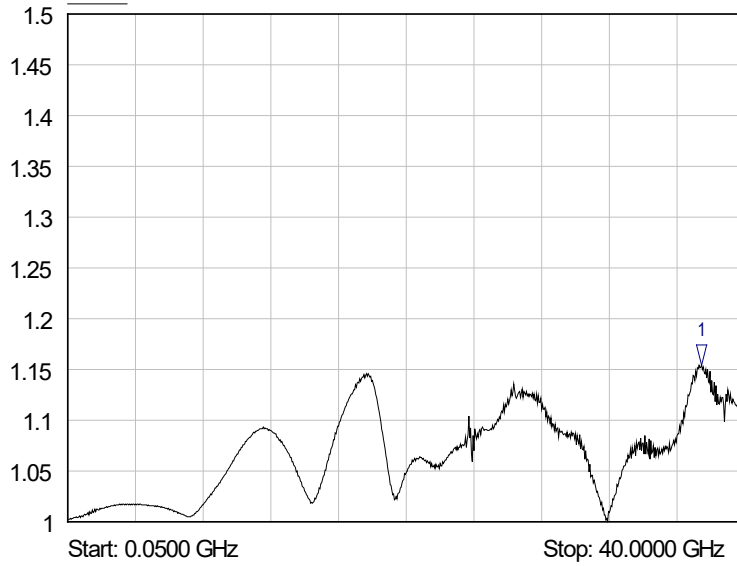
RoHS

Compliant

## Tooling

# K84NDA-0000

SoftPlot Measurement Presentation  
VSWR S11



1 S11  
▽ 37.4500 GHz  
1.15 VSWR

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