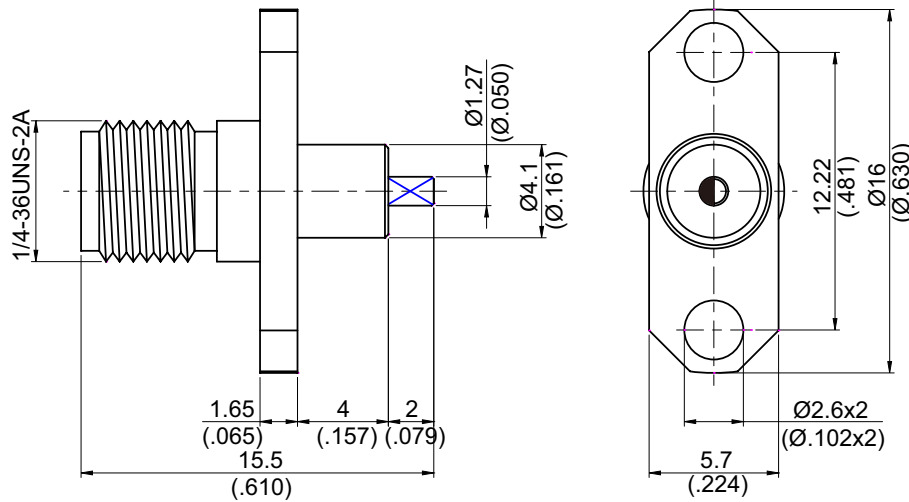


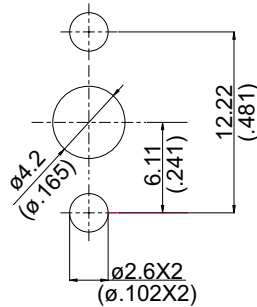
勝特力電材超市-龍山店 886-3-5773766  
 勝特力電材超市-光復店 886-3-5729570  
 勝特力電子(上海) 86-21-34970699  
 勝特力電子(深圳) 86-755-83298787  
<http://www.100y.com.tw>

SMA862HK-0002

SMA Jack  $\phi 16\text{mm}$  2 Hole Flange With Half Moon Contact ( $\phi 1.27$ ;  $L=6$ ), PTFE  $L=4$ ; 18GHz VSWR 1.35  $50\Omega$



MOUNTING HOLES



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

SMA862HK-0002

Interface

MIL-STD-348B

Mechanically compatible with 2.92 & 3.5

Electrical Data

Impedance 50Ω  
 Frequency range DC to 18GHz  
 VSWR  $\leq 1.35$  (DC to 18GHz)  
 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

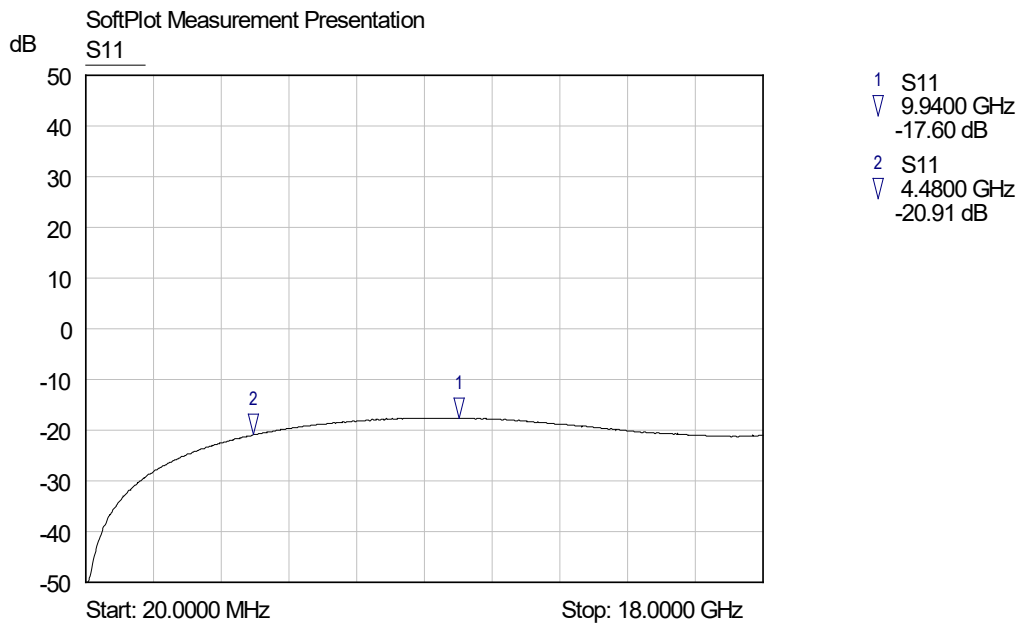
Recommended coupling nut torque 4 inch lbs  
 Coupling proof torque 5.3 inch lbs  
 Contact Captivation-axial  $\geq 6.1$  lbs  
 Durability (mating)  $\geq 100$

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

S11



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