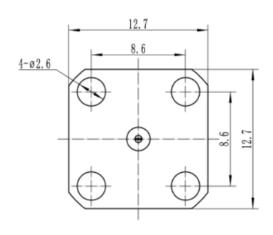
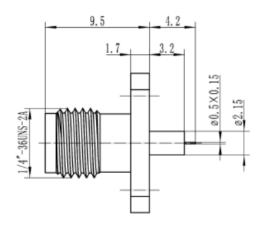


## **SMA Panel Mount 4-Hole Flange Jack Solder Type**





# **Frequency:**

Frequency range: 0 ~18 GHz

VSWR: ≤ 1.15

## **Electrical:**

Impedance: 50 ohm

Voltage Rating: ≥500 V rms (Depending on cable)

Insulator Resistance :  $\geq 5 \text{ G}\Omega$ 

Dielectric Withstanding Voltage: 1000 V rms Contact Resistance : Center Contact  $\leq 3 \text{ m}\Omega$ .

Outer Contact  $\leq 2 \text{ m}\Omega$ 

# **Material & Finishes:**

Center conductor: Gold plated 0.2 µm (Nickel underplated) over beryllium copper

Outer conductor: Passivation Stainless steel 303F

Insulators: PTFE

### **Environmental:**

Temperature Range: -55°C to 105°C Corrosion (Salt Spray): MIL-STD-202,

Method 101, Cond.B

 $Thermal\,Shock: MIL-STD-202, Method\,107, Cond. B~2-Any\,changes\,for\,interface\,dimensions\,are\,strictly\,prohibited.$ 

Mechanical: MIL-STD-202, Method 213, Cond.I Vibration: MIL-STD-202, Method 204, Cond.D

### **Notes:**

- 1- The overall contour may be slightly changed per terminating with different cable and we reserve right to change it without notice.
- 3- The Material and plating are in various options per customer's request.
- 4- A complete information for connectors is available upon request.

	1 of 1	All Dimensions in mm (Unless Otherwise Specified)			2021/01/13			RoHS 2
	PAGE				Date			
	.XX ±0.1 .XXX ±0.05	NTS	ST	В		1112 1121		<b>Y U</b>
	Tolerances .X ±0.2	Scale	Abbr.	Rev.	Part Number	F112-142R		ф <u>—</u>