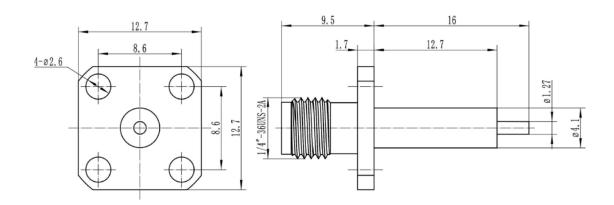


# SMA Panel Mount 4-Hole Flange Jack Solder Type (Extended 12.7mm)



# **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.

Tolerances .X ±0.2 .XX ±0.1 .XXX ±0.05	Scale NTS	Abbr.	Rev.	Part Number	F112-116R	$\oplus \Box$
PAGE	All Dimensions in mm (Unless Otherwise Specified)			Date		<b>9</b> -110-3
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