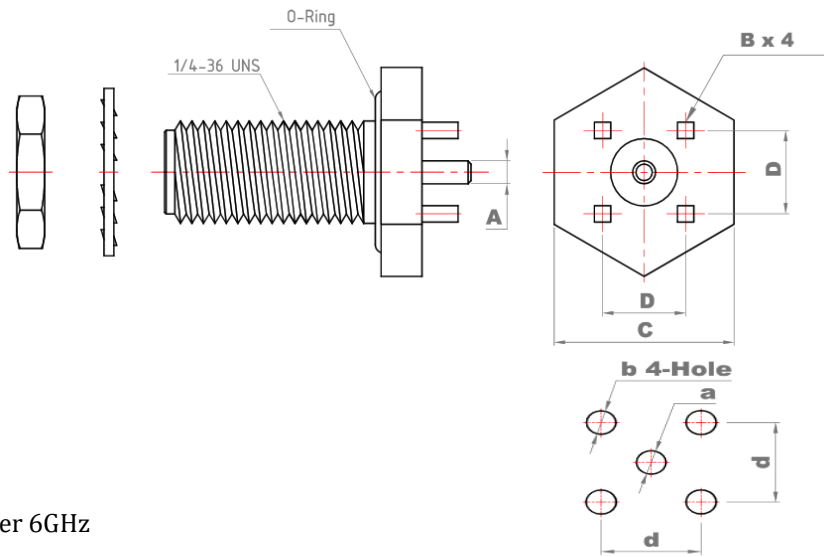




SMA Straight, O-Ring Jack, PCB Mount Type



Recommend PCB Layout

Frequency:

Frequency range: 0~12.4 GHz
 VSWR: 1.5 Max. under 6GHz
 Insertion Loss (dB): 0.177 under 6GHz

Electrical:

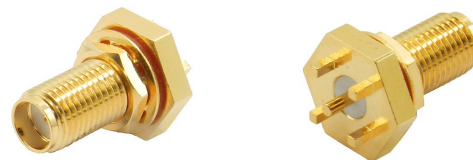
Impedance: 50 ohm
 Voltage Rating: ≥ 500 V rms (Depending on cable)
 Insulator Resistance : ≥ 5 G Ω
 Dielectric Withstanding Voltage : 1000 V rms
 Contact Resistance : Center Contact ≤ 3 m Ω .
 Outer Contact ≤ 2.5 m Ω

PN
index

Type	Dimensions						
	A	B	C	D	a	b	d
0 H0	1.27	1.00	11.0	5.08	1.50	1.70	5.08
1 N0	1.27	1.02	11.0	5.08	1.50	1.70	5.08

Mechanical:

Mating : 1/4-46 UNS Screw-on Coupling
 Recommended Mating Torque : 7.1~9.7lbs
 Coupling Nut Retention Force : ≥ 60.7 lbs



Environmental:

Temperature Range : -65°C to 165°C
 Corrosion (Salt Spray) : MIL-STD-202,
 Method 101, Cond.B
 Thermal Shock : MIL-STD-202, Method 107, Cond.B
 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.
- 2- Any changes for interface dimensions are strictly prohibited.
- 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	Abbr.	Rev.	Part Number F112-330X PN index above	
	NTS	ST	B		
PAGE 1 of 1	All Dimensions in mm (Unless Otherwise Specified)			Date 2021/08/09	