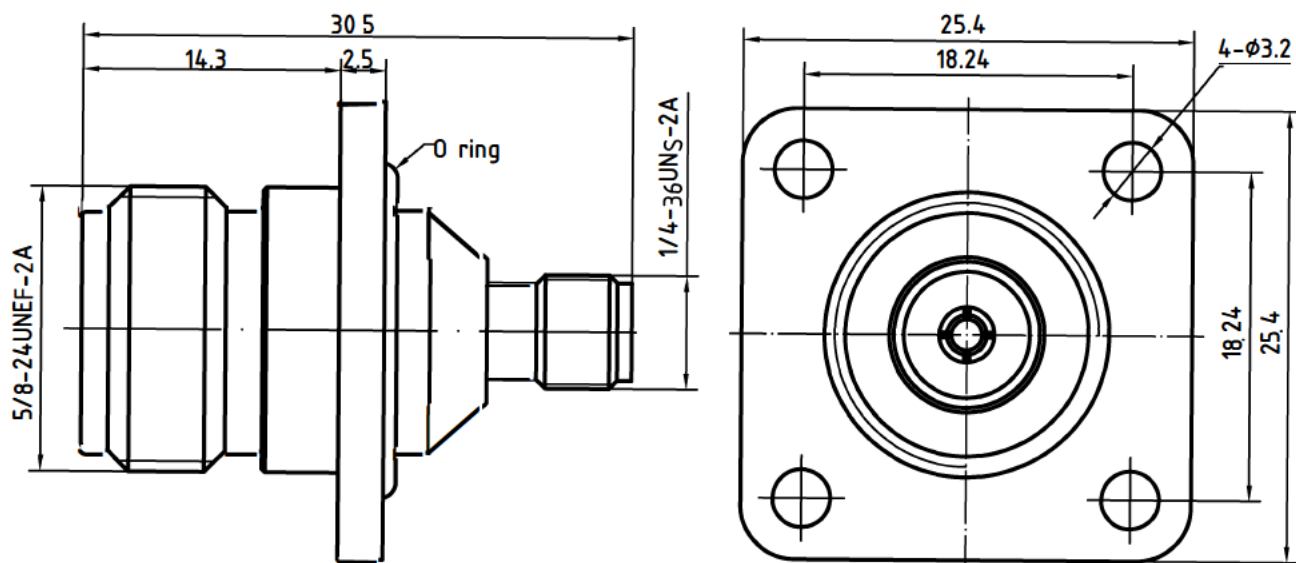
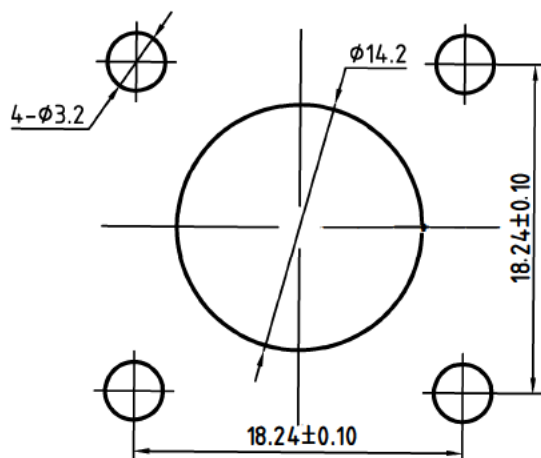


DRAWING



MOUNTING HOLE



4	1	O ring	Silicone rubber	
3	1	Body	Brass/Nickel plated	
2	1	Insulator	PTFE	
1	1	Center contact	Beryllium copper/Gold plated	
Itemref	Quantity	Title/Name, designation, material, dimension etc		Article No./Reference

Designed by
Xio XangChecked by
Jing LoApproved by
Jing ChanFile name
N_SMA-2214(R)Date
10.11.12Scale
3 : 1**RF CONNEC**

excellent way of connect

N_SMA-2214(R)

Edition
1.0Sheet
1/1

CHARACTERISTICS

DESCRIPTION: ADAPTOR N JACK TO SMA JACK FL WITH O-RING

Electrical data:

Impedance: 50 ohm
Frequency range: DC to 11.0 GHz
VSWR: $\leq 1.25:1$
Insertion loss: $\leq 0.30\text{dB}$
Insulation resistance: $\geq 5000\text{M}\Omega$
Test voltage: 1000 V rms
Working voltage: 480 V rms
Contact resistance:

	N Side	SMA Side
1). Centre contact:	1.00 m Ω N side	3.0 m Ω SMA side
2). Outer conductor:	0.25 m Ω N side	2.0 m Ω SMA side

Power handling (at 20 ° C, sea level, VSWR 1.0): $\leq 200\text{ W @ }2\text{ GHz}$

Environmental data:

Temperature rating: -65 ° C to +165 ° C
Thermal shock : MIL-STD-202, Meth. 107, Cond. B
Corrosion : MIL-STD-202, Meth. 101, Cond. B
Vibration : MIL-STD-202, Meth. 204, Cond. D
Shock : MIL-STD-202, Meth. 213, Cond. I
Moisture resistance : MIL-STD-202, Meth. 106
2002/95/EC (RoHS): Compliant

Mechanical data:

	N side	SMA side
<i>Mating cycles:</i>	≥ 500	≥ 500
<i>Center contact captivation:</i>	$\geq 27\text{ N(axial)}$	$\geq 27\text{ N(axial)}$
<i>Recommended torque:</i>	0.7 Nm to 1.1 Nm	0.49 Nm to 0.6 Nm

Suitable cables:

N/A