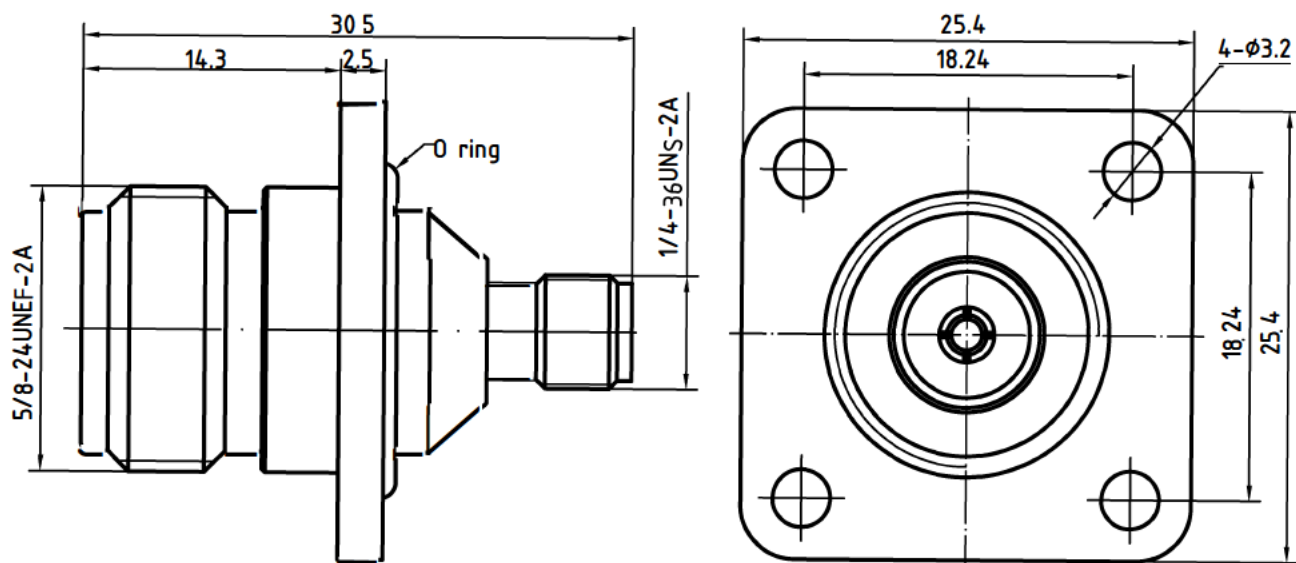
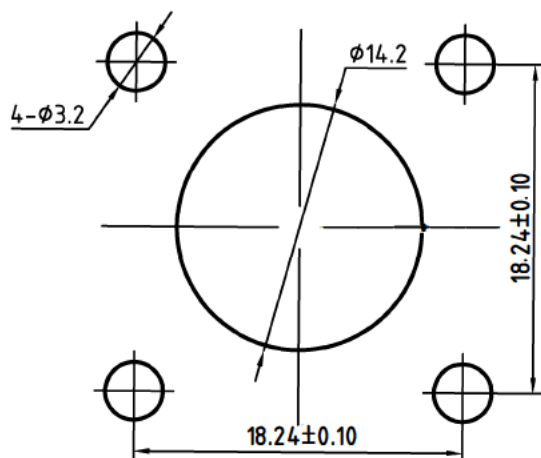


DRAWING



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:

<i>Impedance:</i>	50 ohm
<i>Frequency range:</i>	DC to 6.0 GHz
<i>VSWR:</i>	$\leq 1.25:1$
<i>Insertion loss:</i>	$\leq 0.30\text{dB}$
<i>Insulation resistance:</i>	$\geq 5000\text{M}\Omega$
<i>Test voltage:</i>	1000 V rms
<i>Working voltage:</i>	480 V rms
<i>Contact resistance:</i>	

	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:

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