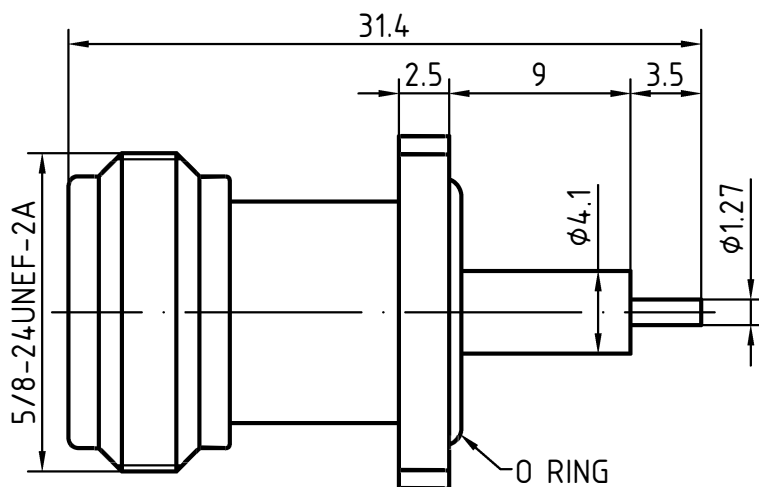
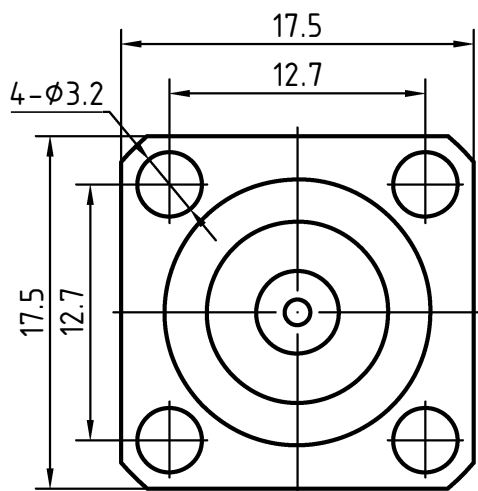
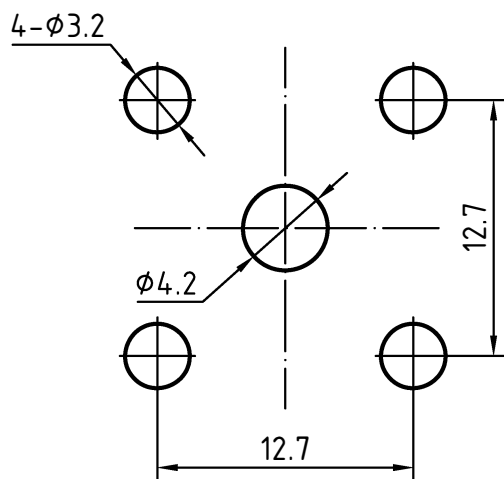


DRAWING



MOUNTING HOLE



4	1	O ring	Silicone rubber	
3	1	Body	Brass/Nickel plated	
2	1	Insulator	PTFE	
1	1	Center pin	Phosphor bronze/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-232142(17.5R)Date
10.11.18Scale
3 : 1**RF CONNEC****N-232142(17.5R)**Edition
1.0Sheet
1/1

CHARACTERISTICS

DESCRIPTION:

N Type female FL connector

Electrical data:

<i>Impedance:</i>	<i>50 ohm</i>
<i>Frequency range:</i>	<i>DC to 11 GHz</i>
<i>VSWR:</i>	<i>$\leq 1.1 + 0.01 \times f \text{ [GHz]}$</i>
<i>Insertion loss:</i>	<i>$\leq 0.25\text{dB}$</i>
<i>Insulation resistance:</i>	<i>$\geq 5000\text{M}\Omega$</i>
<i>Test voltage:</i>	<i>2500 V rms</i>
<i>Working voltage:</i>	<i>1400 V rms</i>
<i>Contact resistance:</i>	
1). Centre contact:	<i>1.0 mΩ</i>
2). Outer conductor:	<i>0.25 mΩ</i>

Environmental data:

<i>Temperature rating:</i>	<i>-65 ° C to +165 ° C</i>
<i>52/ 95/EQ(RoHS):</i>	<i>Compliant</i>

Mechanical data:

<i>Mating cycles:</i>	<i>≥ 500</i>
<i>Center contact captivation(axial):</i>	<i>$\geq 28 \text{ N}$</i>
<i>Coupling nut retention:</i>	<i>$\geq 450 \text{ N}$</i>
<i>Coupling test torque:</i>	<i>$\leq 1.7 \text{ Nm}$</i>
<i>Recommended torque:</i>	<i>0.7 Nm to 1.1 Nm</i>

Suitable cables:

N/A