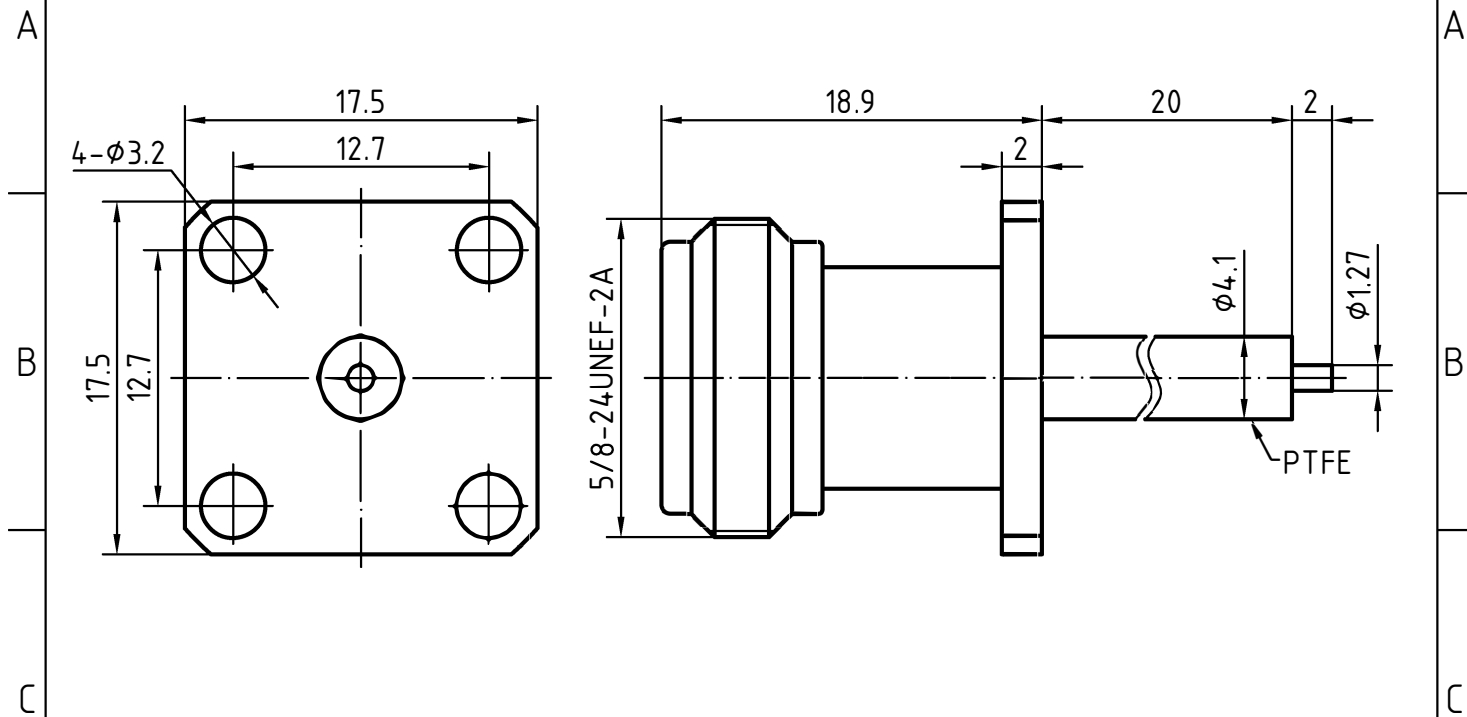
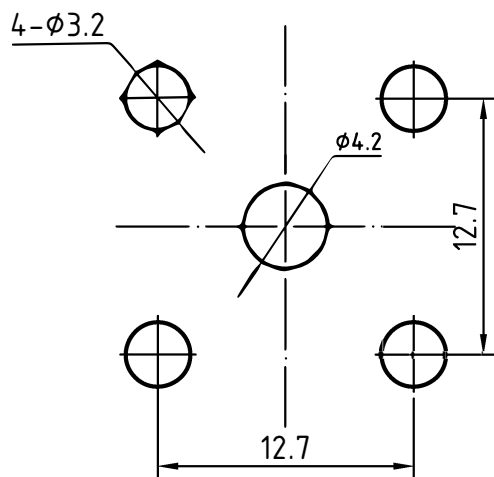


DRAWING



MOUNTING HOLE



3	1	Body	Brass/Nickel plated	
2	1	Insulator	PTFE	
1	1	Center contact	Phosphor bronze/Gold plated	
Itemref	Quantity	Title/Name, designation, material, dimension etc		Article No./Reference
Designed by Xio Xang	Checked by Jing Lo	Approved by Jing Chan	File name N-232141(17.5)	Date 07.03.04
		N-232141(17.5)		
		Edition 1.0		Sheet 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>$\leq 1.10 + 0.02 \times f \text{ [GHz]}$</i>
<i>Insertion loss:</i>	<i>$\leq 0.35\text{dB}$, DC-8GHz</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>
<i>Power handling</i> (at 20 °C, sea level, VSWR 1.0):	<i>1000 W @ 1 GHz</i>
	<i>700 W @ 2 GHz</i>

- Limitations are possible due to the used cable type -

Environmental data:

<i>Temperature rating:</i>	<i>-55 ° C to +155 ° C</i>
<i>52/95/EC (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