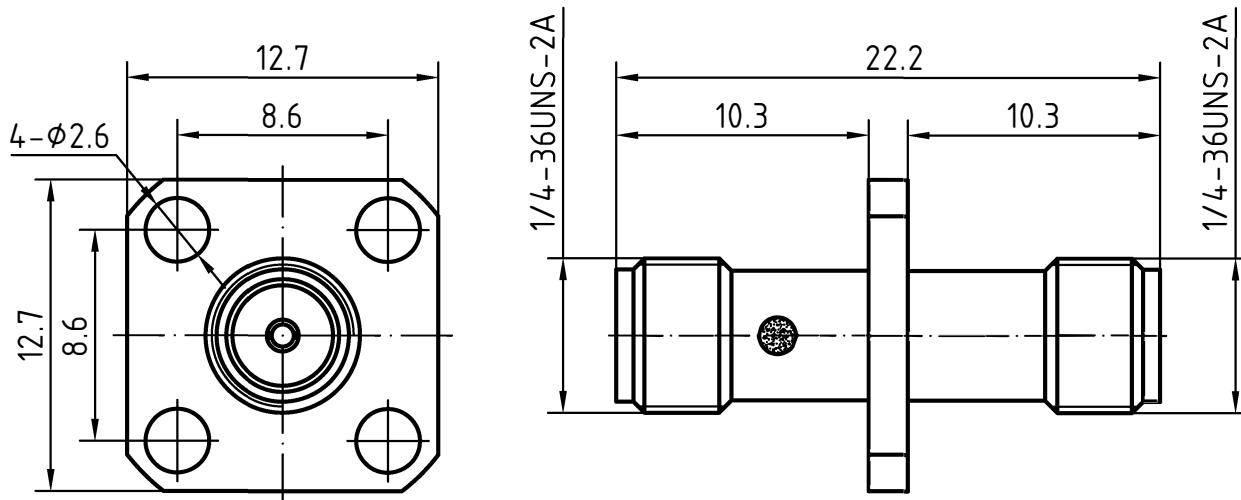
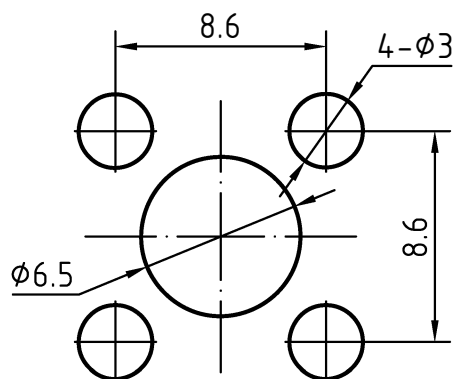


DRAWING



MOUNTING HOLE



3

1

Body

Brass/Gold plated

2

1

Insulator

PTFE

1

1

Center contact

Beryllium copper/Gold plated

Designed by
Xio XangChecked by
Jing LoApproved by
Jing ChanFile name
SMA_SMA-2214(22.2)Date
22.04.12Scale
1:1**RF CONNEC**

SMA_SMA_2214(22.2)

Edition
1.0Sheet
1/1

CHARACTERISTICS

DESCRIPTION:

ADAPTOR SMA JACK TO SMA JACK FL

Electrical data:

<i>Impedance:</i>	<i>50 ohm</i>
<i>Frequency range:</i>	<i>DC to 18.0 GHz</i>
<i>VSWR:</i>	<i>$\leq 1.03 + 0.02 \times f \text{ [GHz]}$</i>
<i>Insertion loss:</i>	<i>$\leq 0.10 \times \sqrt{f \text{ [GHz]}} \text{ dB}$</i>
<i>Insulation resistance:</i>	<i>$\geq 5000 \text{ M}\Omega$</i>
<i>Test voltage:</i>	<i>1000 V rms</i>
<i>Working voltage:</i>	<i>480 V rms</i>
<i>Contact resistance:</i>	
1). Centre contact:	<i>3.0 mΩ</i>
2). Outer conductor:	<i>2.0 mΩ</i>

Environmental data:

<i>Temperature rating:</i>	<i>-65 ° C to +165 ° C</i>
<i>2002/95/EC (RoHS):</i>	<i>Compliant</i>

Mechanical data:

<i>Mating cycles:</i>	<i>≥ 500</i>
<i>Center contact captivation:</i>	<i>$\geq 15 \text{ N(axial)}$</i>
<i>Recommended torque:</i>	<i>0.46Nm to 0.69Nm</i>

Suitable cables:

N/A