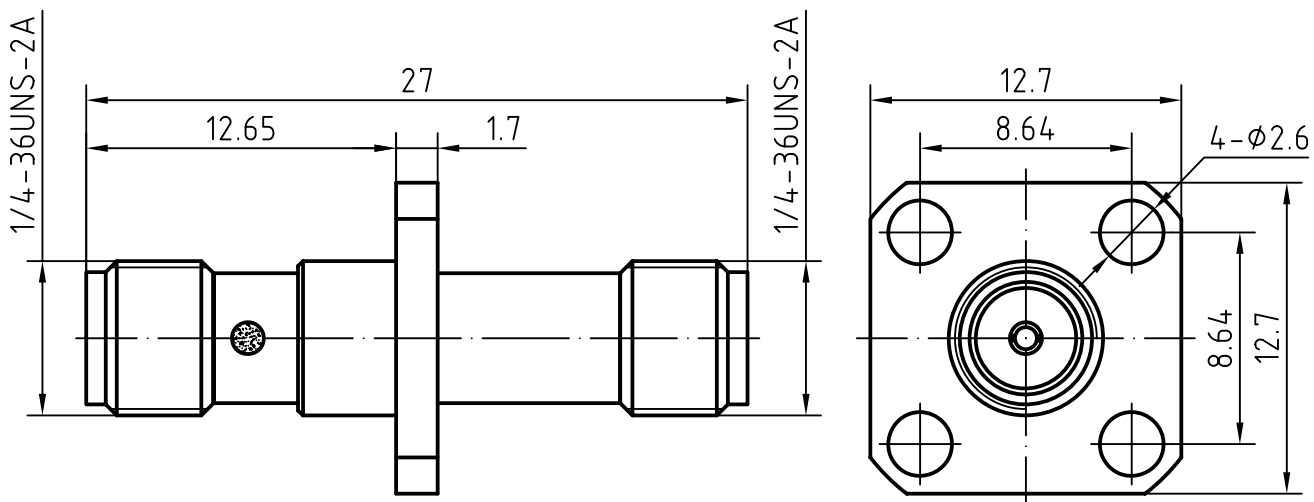
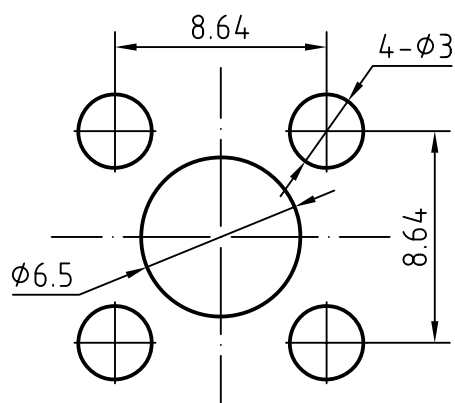


DRAWING



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 - date
Jing ChanFile name
SMA_SMA-2214(27)Date
11.09.16Scale
1 : 1**RF CONNEC**

SMA_SMA-2214(27)

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 GHz</i>
<i>VSWR:</i>	$\leq 1.03 + 0.02 \times f \text{ [GHz]}$
<i>Insertion loss:</i>	$\leq 0.06 \times \sqrt{f \text{ [GHz]}} \text{ dB}$
<i>Insulation resistance:</i>	$\geq 5000 \text{ M}\Omega$
<i>Test voltage:</i>	<i>1000 V rms</i>
<i>Working voltage:</i>	<i>480 V rms</i>
<i>Contact resistance:</i>	
1). <i>Centre contact:</i>	<i>3.0 mΩ</i>
2). <i>Outer conductor:</i>	<i>2.0 mΩ</i>
<i>Power handling (at 20 ° C, sea level, VSWR 1.0):</i>	$\leq 200 \text{ W @ 2 GHz}$
<i>RF-leakage:</i>	$\geq 100 \text{ dB up to 1 GHz}$

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>	≥ 500
<i>Center contact captivation:</i>	$\geq 27 \text{ N(axial)}$
<i>Recommended torque:</i>	<i>0. 46Nm-069Nm</i>

Suitable cables:

N/A