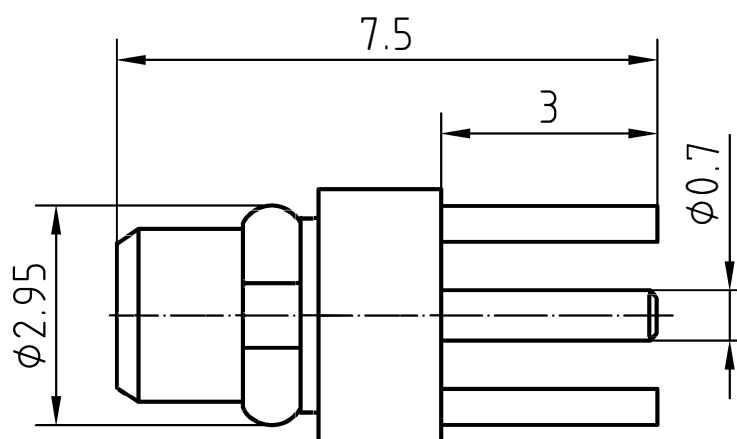
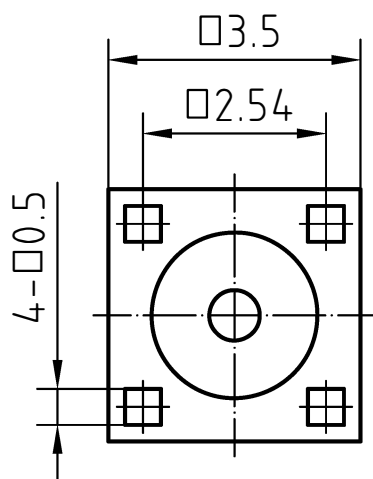
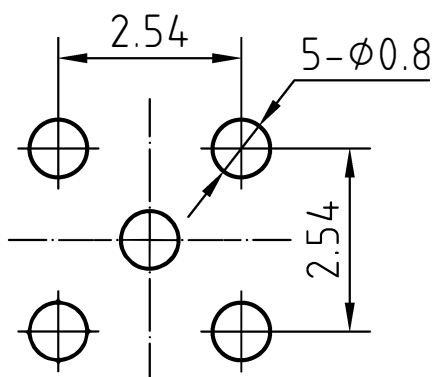


DRAWING



MOUNTING HOLE



4	1	Body	Brass/Gold plated	Gold 0.2um over Nickel 2.0um
3	1	Spring ring	Beryllium bronze/Gold plated	Gold 0.2um over Nickel 2.0um
2	1	Insulator	PFTE	
1	1	Center contact	Brass/Gold plated	Gold 0.5um over Nickel 2.0um

Designed by
Xio XangChecked by
Jing LoApproved by
Jing ChanFile name
MMCX-331100Date
07.07.10Scale
1:1**RF CONNEC**

MMCX-331100

Edition
1.0Sheet
1/1

CHARACTERISTICS

DESCRIPTION:

MMCX Type male connector for PCB solder legs

Electrical data:

<i>Impedance:</i>	<i>50 ohm</i>
<i>Frequency range:</i>	<i>DC to 6.0 GHz</i>
<i>Return loss:</i>	$\leq 1.05 + 0.05 \times f[\text{GHz}]$
<i>Insertion loss:</i>	$\leq 0.20 \times \sqrt{f[\text{GHz}]} \text{dB}$
<i>Insulation resistance:</i>	$\geq 1000 \text{M}\Omega$
<i>Test voltage:</i>	<i>500 V rms</i>
<i>Working voltage:</i>	<i>170 V rms</i>
<i>Contact resistance:</i>	
1). Centre contact:	<i>10.0 mΩ</i>
2). Outer conductor:	<i>5.0 mΩ</i>
<i>RF leakage(measured at 1GHz):</i>	$\geq 70 \text{dB}$

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>	$\geq 10 \text{ N(axial)}$
<i>Engagement force:</i>	$\leq 15 \text{ N}$
<i>Disengagement force:</i>	<i>6N~15N</i>

Suitable cables:

N/A