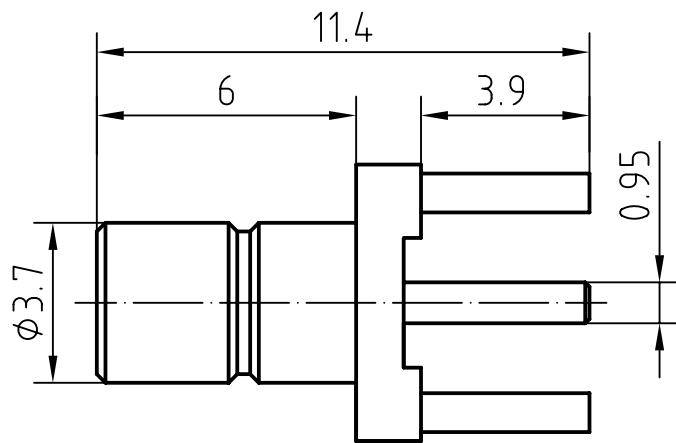
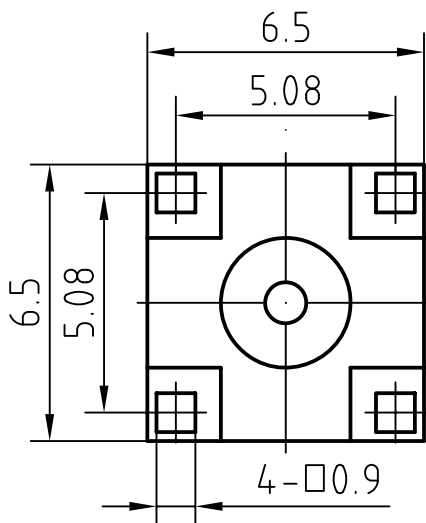
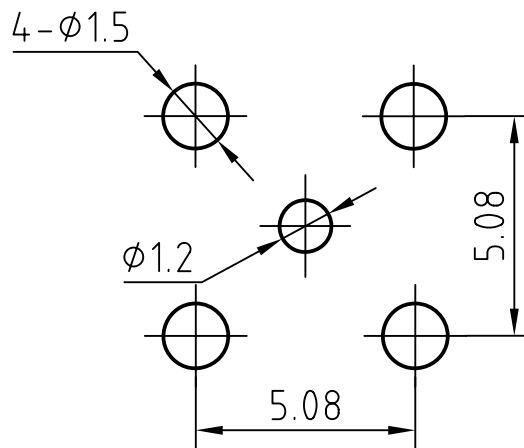


DRAWING



MOUNTING HOLE



3	1	Body	Brass/Gold plated	
2	1	Insulator	PTFE	
1	1	Center contact	Brass/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 SMB-332100	Date 04.08.06
			SMB-332100	
			Edition 1.0	Sheet 1/1

CHARACTERISTICS

DESCRIPTION:

SMB Type male str for PCB solder legs

Electrical data:

<i>Impedance:</i>	<i>50 ohm</i>
<i>Frequency range:</i>	<i>DC to 4.0 GHz</i>
<i>VSWR:</i>	$\leq 1.10 + 0.05 \times f \text{ [GHz]}$
<i>Insertion loss:</i>	$\leq 0.15 \times \sqrt{f \text{ [GHz]}} \text{ dB}$
<i>Insulation resistance:</i>	$\geq 1000 M\Omega$
<i>Test voltage:</i>	<i>750 V rms</i>
<i>Working voltage:</i>	<i>500 V rms</i>
<i>Contact resistance:</i>	
1). Centre contact:	$6 m\Omega$
2). Outer conductor:	$1.5 m\Omega$

— —
—

Environmental data:

<i>Temperature rating:</i>	<i>-55 ° 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>	$\geq 10 \text{ N(axial)}$
	$\geq$
<i>Engagement force:</i>	$\leq 63 \text{ Nm}$
<i>Disengagement force:</i>	$8 \text{ N min to } 63 \text{ N max}$

Suitable cables:

N/A