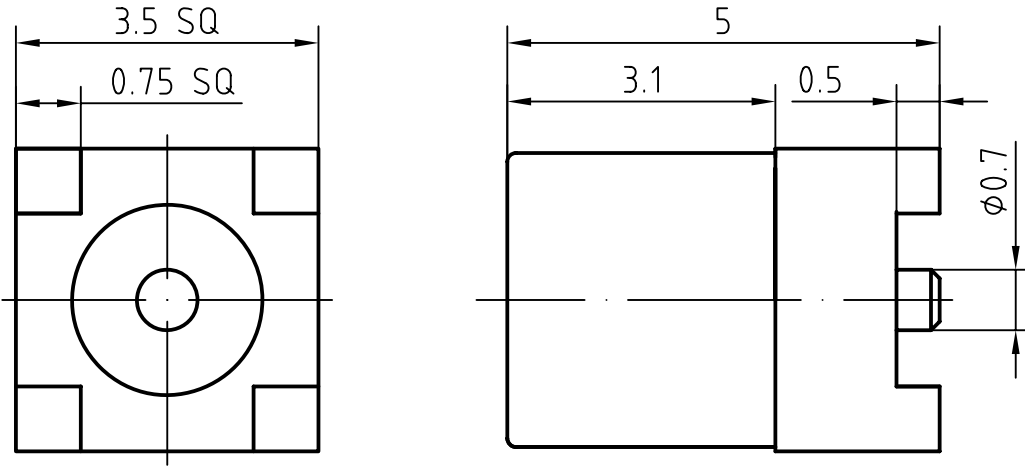
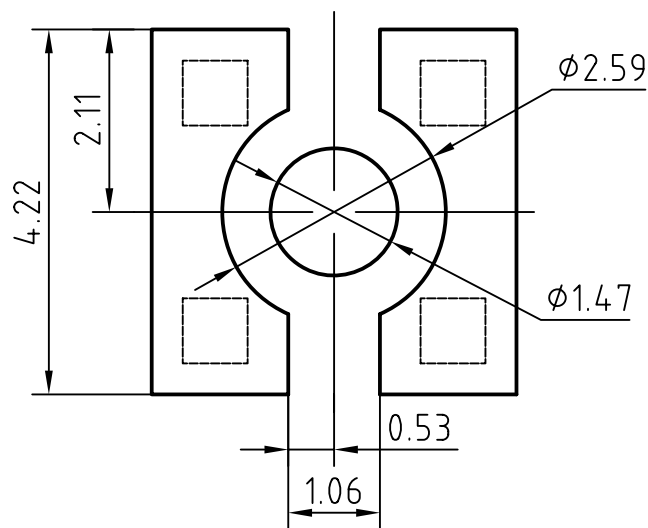


DRAWING



COMMENDED PCB LAYOUT



3	1	Body	Brass/Gold plated	Gold 0.2um over Nickel 2um
2	1	Insulator	PTFE	
1	1	Center contact	Beryllium copper/Gold plated	Gold 0.5um over Nickel 2um
Itemref	Quantity	Title/Name, designation, material, dimension etc		Article No./Reference

Designed by Mingang Han	Checked by Jinlong GU	Approved by - date Hongyu Du	File name MMCX-KHT	Date 07.03.08	Scale 10 : 1
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Amitron Electronics, Ltd.	MMCX-KHT			
	http://www.amel.ru	Edition 1.0	Sheet 1/1	

CHARACTERISTICS

DESCRIPTION:

MMCX Type female str connector for PCB surface mount

Electrical data:

<i>Impedance:</i>	50 ohm
<i>Frequency range:</i>	DC to 6 GHz
<i>VSWR:</i>	$\leq 1.1 + 0.03 \times f \text{ [GHz]}$
<i>Insertion loss:</i>	$\leq 0.15 \times \sqrt{f \text{ [GHz]}} \text{ dB}$
<i>Insulation resistance:</i>	$\geq 1000 \text{ M}\Omega$
<i>Test voltage:</i>	500 V rms
<i>Working voltage:</i>	150 V rms
<i>Contact resistance:</i>	
1). Centre contact:	5.0 m Ω
2). Outer conductor:	2.5 m Ω
<i>RF leakage (measured at 1GHz):</i>	$\geq 70 \text{ dB}$

Environmental data:

<i>Temperature rating:</i>	-55 ° C to +155 ° C
<i>2002/95/EC (RoHS):</i>	Compliant

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>	6N~15N

Suitable cables:

N/A