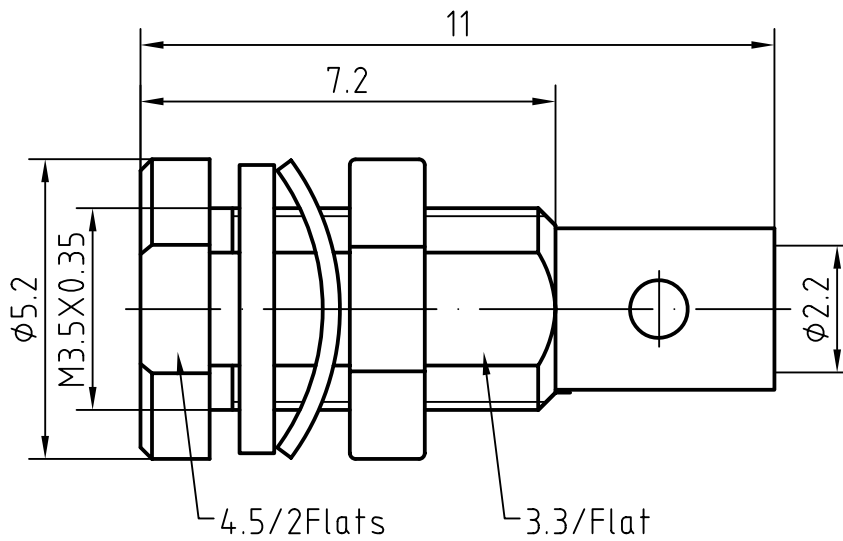
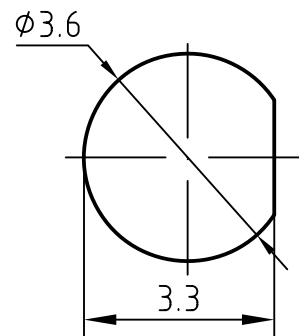
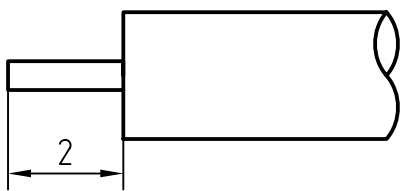


DRAWING



CABLE(670-086,SM86)

MOUNTING HOLE



3	1	Body	Brass/Gold plated	Gold 0.2 over Nickel 2.0
2	1	Insulator	PTFE	
1	1	Center contact	Brass/Gold plated	Gold 0.5 over Nickel 2.0
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-KYB2	Date 06.08.21	Scale 8 : 1
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Amitron Electronics, Ltd.

MMCX-KYB2

<http://www.amel.ru>

Edition  
1.0  
Sheet  
1/1

## CHARACTERISTICS

DESCRIPTION: MMCX Type female R/A connector

### Electrical data:

<i>Impedance:</i>	50 ohm
<i>Frequency range:</i>	DC to 6 GHz
<i>Return loss:</i>	≥28dB, DC-1GHz ≥23.5dB, 1-2.5GHz ≥20.83dB, 2.5-6GHz
<i>Insertion loss:</i>	≤0.15X √f[GHz]dB, DC-6GHz
<i>Insulation resistance:</i>	≥1000MΩ
<i>Test voltage:</i>	500 V rms
<i>Working voltage:</i>	150 V rms
<i>Contact resistance:</i>	
1). Centre contact:	5.0 mΩ
2). Outer conductor:	2.5 mΩ
<i>RF leakage(measured at 1GHz):</i>	≥70dB

### Environmental data:

<i>Temperature rating:</i>	-55 ° C to +165 ° C
<i>2002/95/EC (RoHS):</i>	Compliant

### Mechanical data:

<i>Mating cycles:</i>	≥500
<i>Center contact captivation:</i>	≥10 N(axial)
<i>Engagement force:</i>	≤15 N
<i>Disengagement force:</i>	6N~15N

### Suitable cables:

670-086,SM86