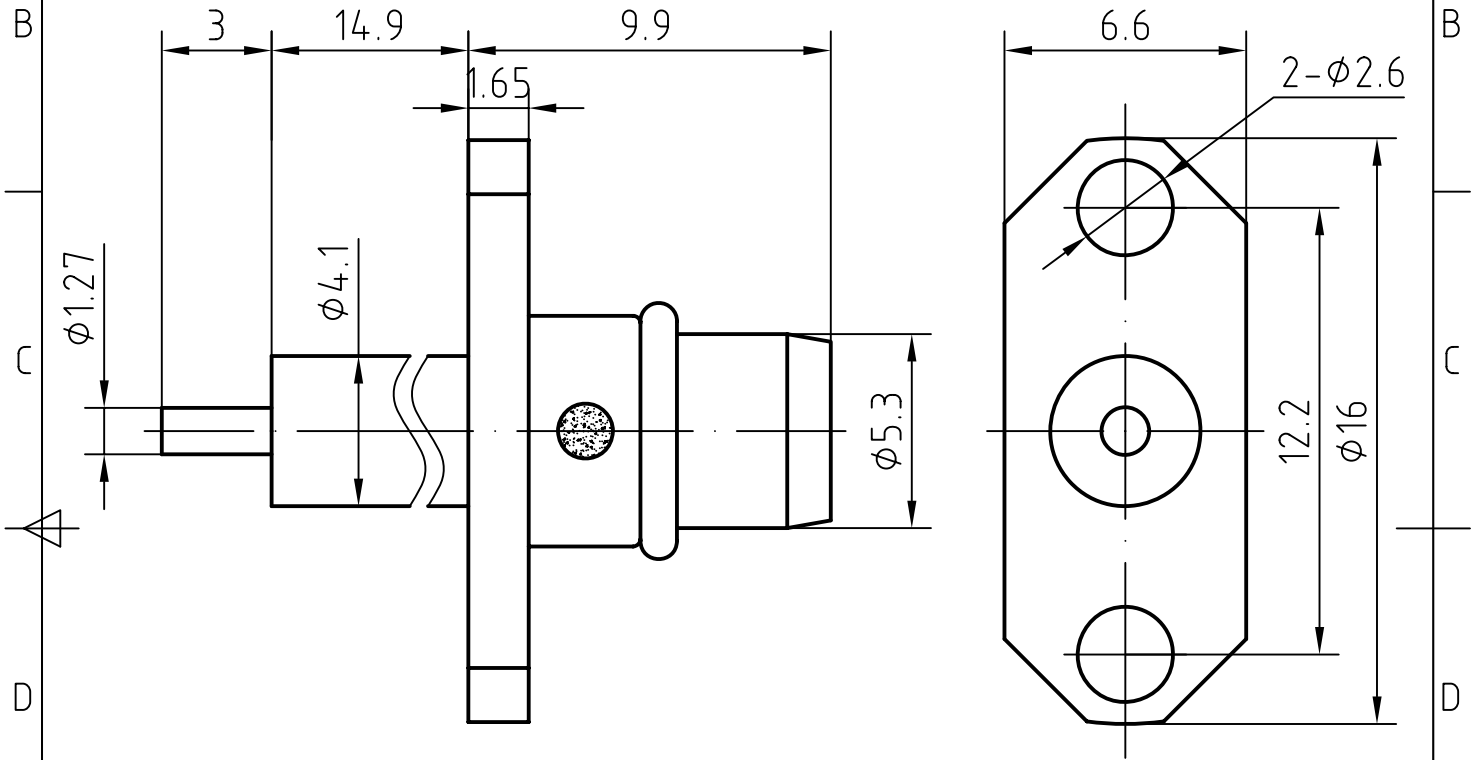


DRAWING



4	1	O ring	Silicone rubber	
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 BMA-JFD6	Date 09.02.06	Scale 5 : 1
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Amitron Electronics, Ltd	BMA-JFD6		
	<a href="http://www.amel.ru">http://www.amel.ru</a>	Edition 1.0	Sheet 1/1

## CHARACTERISTICS

DESCRIPTION: BMA Type female FL connector(2 holes)

### Electrical data:

<i>Impedance:</i>	50 ohm
<i>Frequency range:</i>	DC to 18 GHz
<i>VSWR:</i>	$\leq 1.07 + 0.015Xf[\text{GHz}]$
<i>Insertion loss:</i>	$\leq 0.05X\sqrt{f[\text{GHz}]} \text{ dB}$
<i>Insulation resistance:</i>	$\geq 5000\text{M}\Omega$
<i>Test voltage:</i>	750 V rms
<i>Working voltage:</i>	480 V rms
<i>Contact resistance:</i>	
1). Centre contact:	3.0 m $\Omega$
2). Outer conductor:	2.0 m $\Omega$

### Environmental data:

<i>Temperature rating:</i>	-65 ° C to +165 ° C
<i>2002/95/EC (RoHS):</i>	Compliant

### Mechanical data:

<i>Mating cycles:</i>	$\geq 500$
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### Suitable cables:

N/A