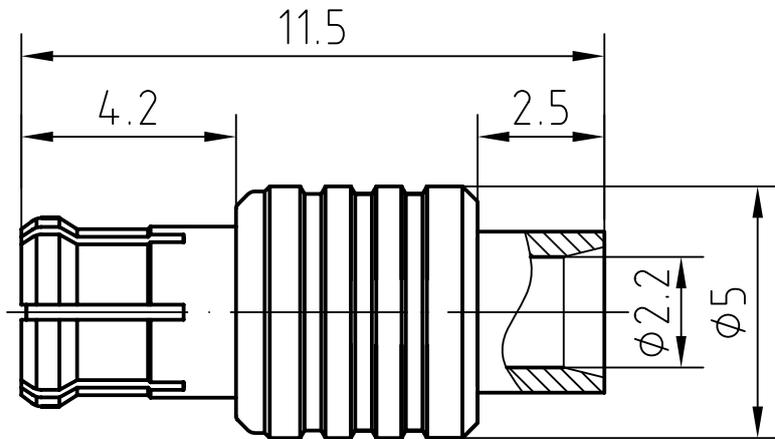
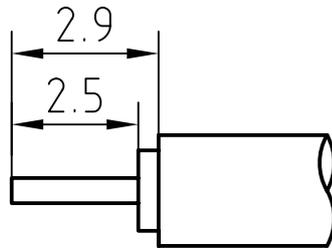


DRAWING



CABLE(UT086,RG405,670-086)



4	1	Body	Brass/Gold plated	Gold 0.2um over Nickel 2.0um
3	1	Insulator	PTFE	
2	1	Outer contact	Beryllium copper/Gold plated	Gold 0.2um over Nickel 2.0um
1	1	Centre contact	Brass/Gold plated	Gold 0.5um over Nickel 2.0um
Itemref	Quantity	Title/Name, designation, material, dimension etc		Article No./Reference

Designed by	Checked by	Approved by - date	File name	Date	Scale
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Amitron Electronics, Ltd.

MCX-JB2

<http://www.amel.ru>

Edition Sheet

## CHARACTERISTICS

### DESCRIPTION:

MCX Type male connector for .086

#### Electrical data:

<i>Impedance:</i>	<i>50 ohm</i>
<i>Frequency range:</i>	<i>DC to 6.0 GHz</i>
<i>VSWR:</i>	$\leq 1.05 + 0.04 \times f[\text{GHz}]$
<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>	<i>750 V rms</i>
<i>Working voltage:</i>	<i>335 V rms</i>
<i>Contact resistance:</i>	
1). <i>Centre contact:</i>	<i>5.0 m<math>\Omega</math></i>
2). <i>Outer conductor:</i>	<i>2.5 m<math>\Omega</math></i>

#### 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>	$\geq 500$
<i>Engagement force:</i>	$\leq 25\text{N}$
<i>Unengagement force:</i>	$\geq 8\text{N}$
<i>Contact captivation:</i>	$\geq 10\text{N}$

#### Suitable cables:

*UT086, RG405, 670-086*