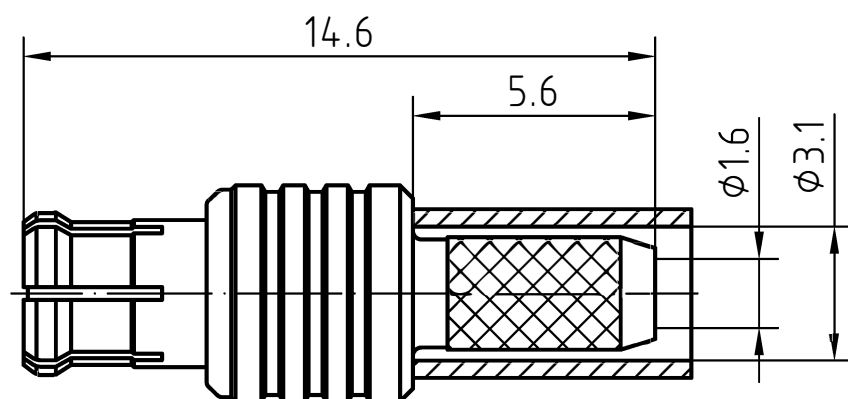
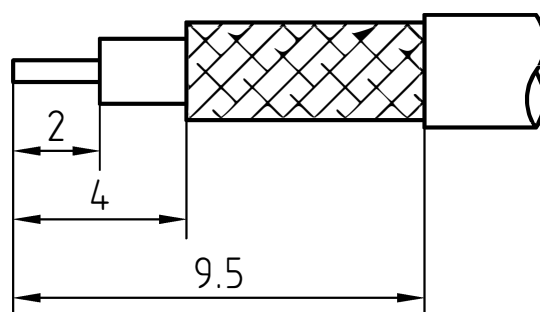


DRAWING



CABLE(RG174/U, RG188/U, RG316/U)



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

Designed by
Xio XangChecked by
Jing LoApproved by
Jing ChanFile name
MCX-111100ADate
06.05.24Scale
6 : 1**RF CONNEC**

MCX-111100A

Edition
1.0Sheet
1/1

CHARACTERISTICS

DESCRIPTION:

MCX Type male connector

Electrical data:

<i>Impedance:</i>	<i>50 ohm</i>
<i>Frequency range:</i>	<i>DC to 6.0 GHz</i>
<i>VSWR:</i>	$\leq 1.10 + 0.05 \times f[\text{GHz}]$
<i>Insertion loss:</i>	$\leq 0.25 \times \sqrt{f [\text{GHz}]} \text{ dB}$
<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). Centre contact:	<i>5.0 mΩ</i>
2). Outer conductor:	<i>2.5 mΩ</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>	≥ 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:

RG174/U, RG188/U, RG316/U