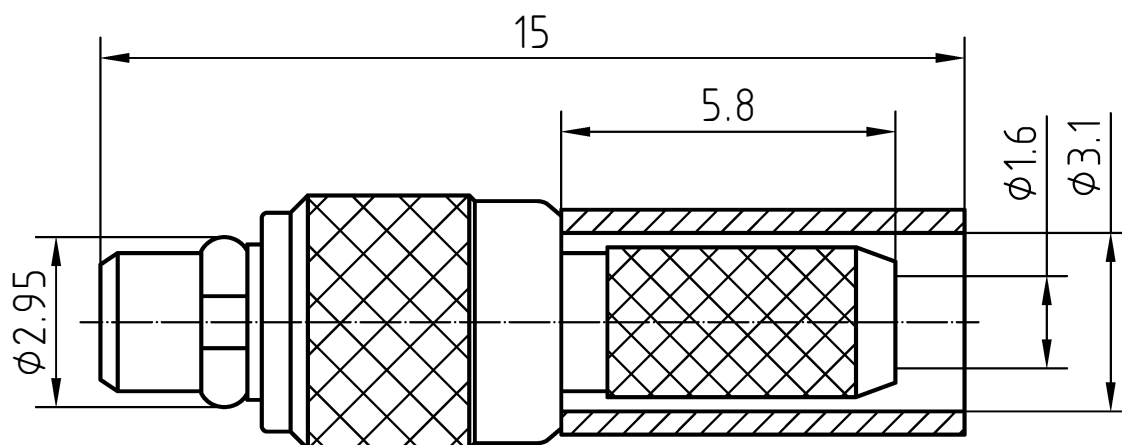
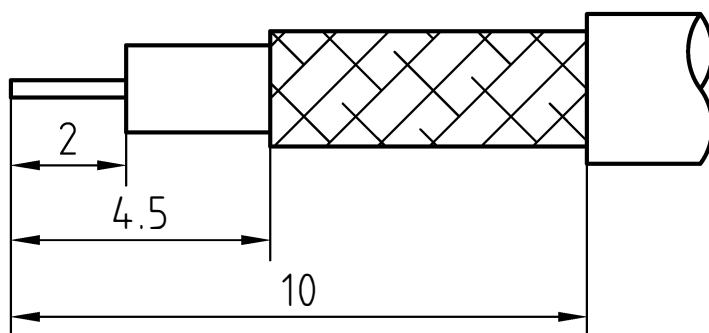


DRAWING



CABLE(RG174 A/U,RG188A/U,RG316/U)



4	1	Body	Brass/Gold plated	Gold 0.2um over Nickel 2.0um
3	1	Spring ring	Beryllium copper/Gold plated	Gold 0.5um over Nickel 2.0um
2	1	Insulator	PFTE	
1	1	Center contact	Brass/Gold plated	Gold 0.5um over Nickel 2.0um

Designed by
Xio XangChecked by
Jing LoApproved by
Jing ChanFile name
MMCX-111100ADate
07.07.10Scale
1: 1**RF CONNEC**

MMCX-111100A

Edition
1.0Sheet
1/1

CHARACTERISTICS

DESCRIPTION:

MMCX Type male connector

Electrical data:

<i>Impedance:</i>	50 ohm
<i>Frequency range:</i>	DC to 6.0 GHz
<i>Return loss:</i>	$\leq 1.1 + 0.04 \times f[\text{GHz}]$
<i>Insertion loss:</i>	$\leq 0.20 \times \sqrt{f[\text{GHz}]} \text{dB}$
<i>Insulation resistance:</i>	$\geq 1000 \text{M}\Omega$
<i>Test voltage:</i>	500 V rms
<i>Working voltage:</i>	170 V rms
<i>Contact resistance:</i>	
1). Centre contact:	10.0 m Ω
2). Outer conductor:	5.0 m Ω
<i>RF leakage(measured at 1GHz):</i>	$\geq 70 \text{dB}$

Environmental data:

<i>Temperature rating:</i>	-65 ° C to +165 ° 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:

RG174A/U, RG188A/U, RG316/U