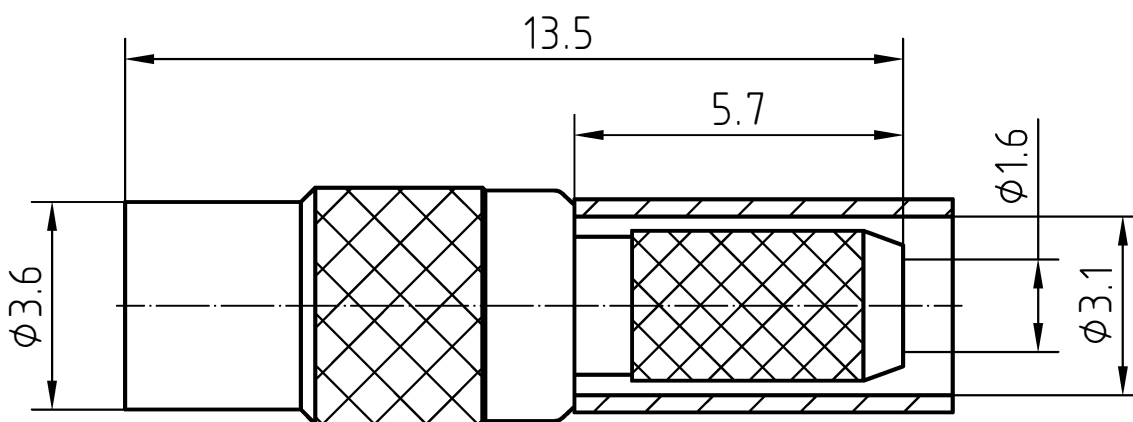
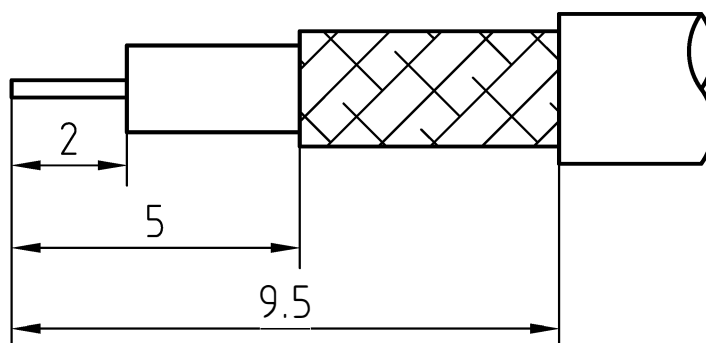


DRAWING



CABLE(RG174A/U,RG188A/U,RG316/U)



3

1

Body

Brass/Gold plated

2

1

Insulator

PFTE

1

1

Center contact

Beryllium copper/Gold plated

Designed by
Xio XangChecked by
Jing LoApproved by
Jing ChanFile name
MMCX-112100ADate
08.03.18Scale
6 : 1**RF CONNEC**

MMCX-112100A

Edition
1.0Sheet
1/1

CHARACTERISTICS

DESCRIPTION:	MMCX Type female connector
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Electrical data:

Impedance:	50 ohm
Frequency range:	DC to 6.0 GHz
VSWR:	$\leq 1.08 + 0.06 \times f \text{ [GHz]}$
Insertion loss:	$\leq 0.15 \times \sqrt{f \text{ [GHz]}} \text{ dB}$
Insulation resistance:	$\geq 1000 \text{ M}\Omega$
Test voltage:	500 V rms
Working voltage:	170 V rms
Contact resistance:	
1). Centre contact:	10.0 m Ω
2). Outer conductor:	5.0 m Ω
RF leakage(measured at 1GHz):	$\geq 70 \text{ dB}$

Environmental data:

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

Mechanical data:

Mating cycles:	≥ 500
Center contact captivation:	$\geq 10 \text{ N(axial)}$
Engagement force:	$\leq 15 \text{ N}$
Disengagement force:	6N~15N

Suitable cables:

RG174A/U, RG188A/U, RG316/U