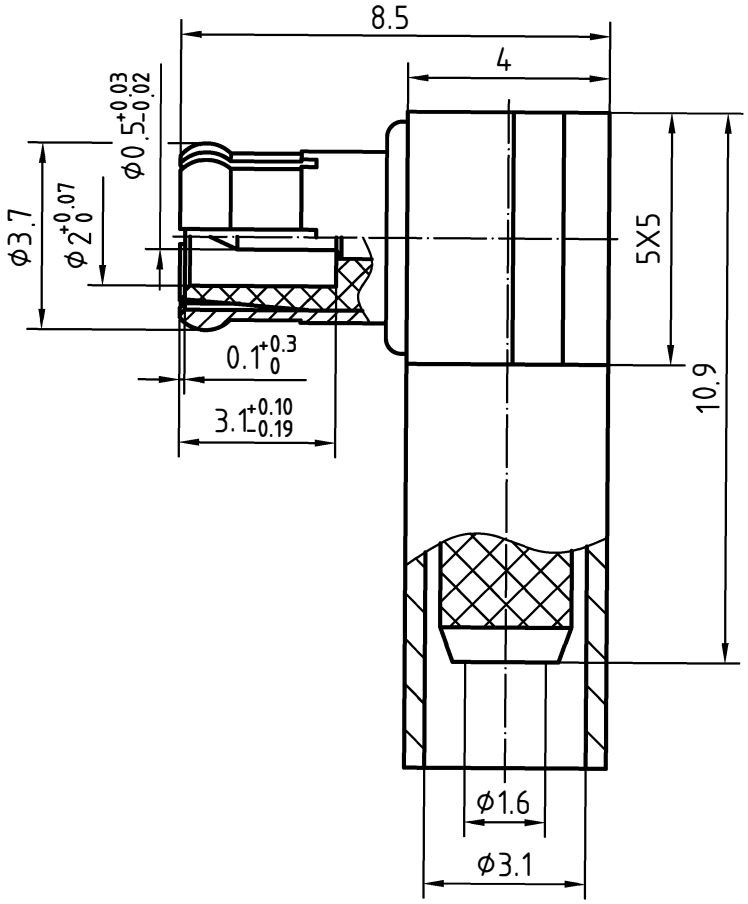
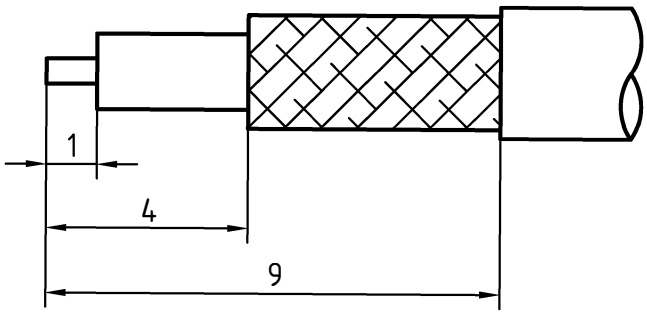
DRAWING



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



4	1	Spring contact	Beryllium copper/Gold plated	
3	1	Body	Brass/Gold plated	
2	1	Insulator	PTFE	
1	1	Center contact	Brass/Gold plated	

Designed by	Checked by	Approved by	File name	Date	Scale
Xio Xang	Jing Lo	Jing Chan	MCX-111200A	07.10.16	10 : 1

RF CONNEC
excellent way of connect

MCX-111200A

Edition	Sheet
1.0	1/1

CHARACTERISTICS

DESCRIPTION:	MCX Type male R/A connector

Electrical data:

Impedance:	*50 ohm*
Frequency range:	*DC to 6 GHz*
VSWR:	*$\leq 1.08 + 0.04 X f[GHz]$*
Insertion loss:	*$\leq 0.20 X \sqrt{f [GHz]}$ dB*
Insulation resistance:	*$\geq 1000M\Omega$*
Test voltage:	*750 V rms*
Working voltage:	*335 V rms*
Contact resistance:	
1). Centre contact:	*5.0 mΩ*
2). Outer conductor:	*2.5 mΩ*

Environmental data:

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

Mechanical data:

Mating cycles:	*≥ 500*
Center contact captivation:	*≥ 10 N(axial)*
Engagement force:	*≤ 25 N*
Disengagement force:	*8 N min. to 20 N max.*

Suitable cables:

RG316/U,RG174A/U,RG188A/U