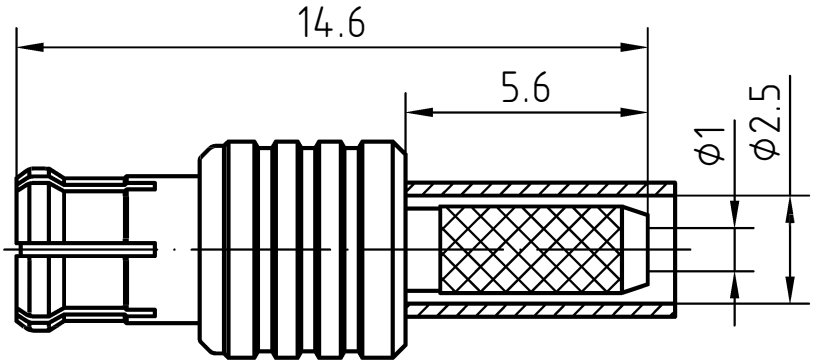
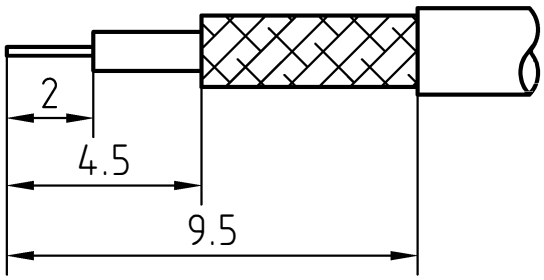
DRAWING



CABLE(RG178/U)



Itemref	Quantity	Title/Name, designation, material, dimension etc		Article No./Reference
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	

Designed by	Checked by	Approved by	File name	Date	Scale
Xio Xang	Jing Lo	Jing Chan	MCX-111100C	06.05.24	6 : 1

RF CONNEC
excellent way of connect

MCX-111100C

Edition	Sheet
1.0	1/1

CHARACTERISTICS

DESCRIPTION:	MCX Type male connector

Electrical data:

Impedance:	*50 ohm*
Frequency range:	*DC to 6.0 GHz*
VSWR:	*≤1.10 + 0.05 X f[GHz]*
Insertion loss:	*≤0.15 X $\sqrt{f\ [GHz]}$ dB*
Insulation resistance:	*≥1000MΩ*
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*
Engagement force:	*≤25N*
Unengagement force:	*≥8N*
Contact captivation:	*≥10N*

Suitable cables:

RG178