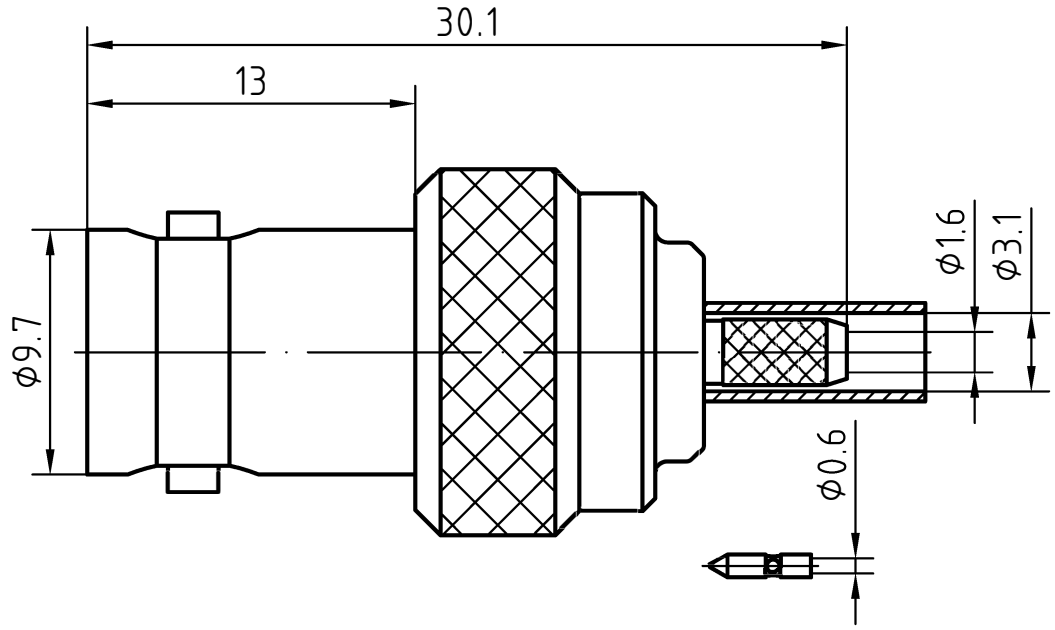
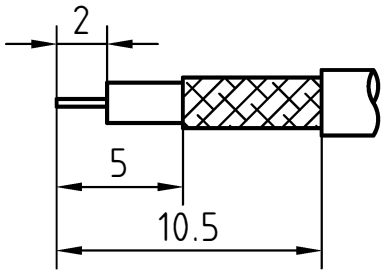
DRAWING



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



Itemref	Quantity	Title/Name, designation, material, dimension etc		Article No./Reference
3	1	Body	Brass/Neckel plated	Nickel 7.0um over Copper 2.0um
2	1	Insulator	PTFE	
1	1	Centor contactor	Phosphor bronze/Gold plated	Gold 0.3um over Nickel 2.0um

Designed by	Checked by	Approved by	File name	Date	Scale
Xio Xang	Jing Lo	Jing Chan	BNC-112100A	08.05.25	5 : 1

RF CONNEC
excellent way of connect

BNC-112100A

Edition	Sheet
1.0	1/1

CHARACTERISTICS

DESCRIPTION:	BNC Type female connector

Electrical characteristics:

Impedance:	*50 ohm*
Frequency range:	*DC to 4.0 GHz*
VSWR:	*≤1.10 + 0.05 X f[GHz]*
Insertion loss:	*≤0.20 X $\sqrt{f\ [GHz]}$ dB*
Insulation resistance:	*≥5000MΩ*
Test voltage:	*1500 V rms*
Working voltage:	*400 V rms*
Contact resistance:	
1). Centre contact:	*1.5 mΩ*
2). Outer conductor:	*1.0 mΩ*
Power handling (at 20 °C, sea level, VSWR 1.0):	*80 W @ 2 GHz*

Environmental data:

Temperature rating:	*-55 ° C to +165 ° C*
52/95/EC (RoHS):	*Compliant*

Mechanical data:

Mating cycles:	*≥500*
Center contact captivation:	*≥ 15 N(axial)*

Suitable cables:

RG174A/U,RG188A/U,RG316/U