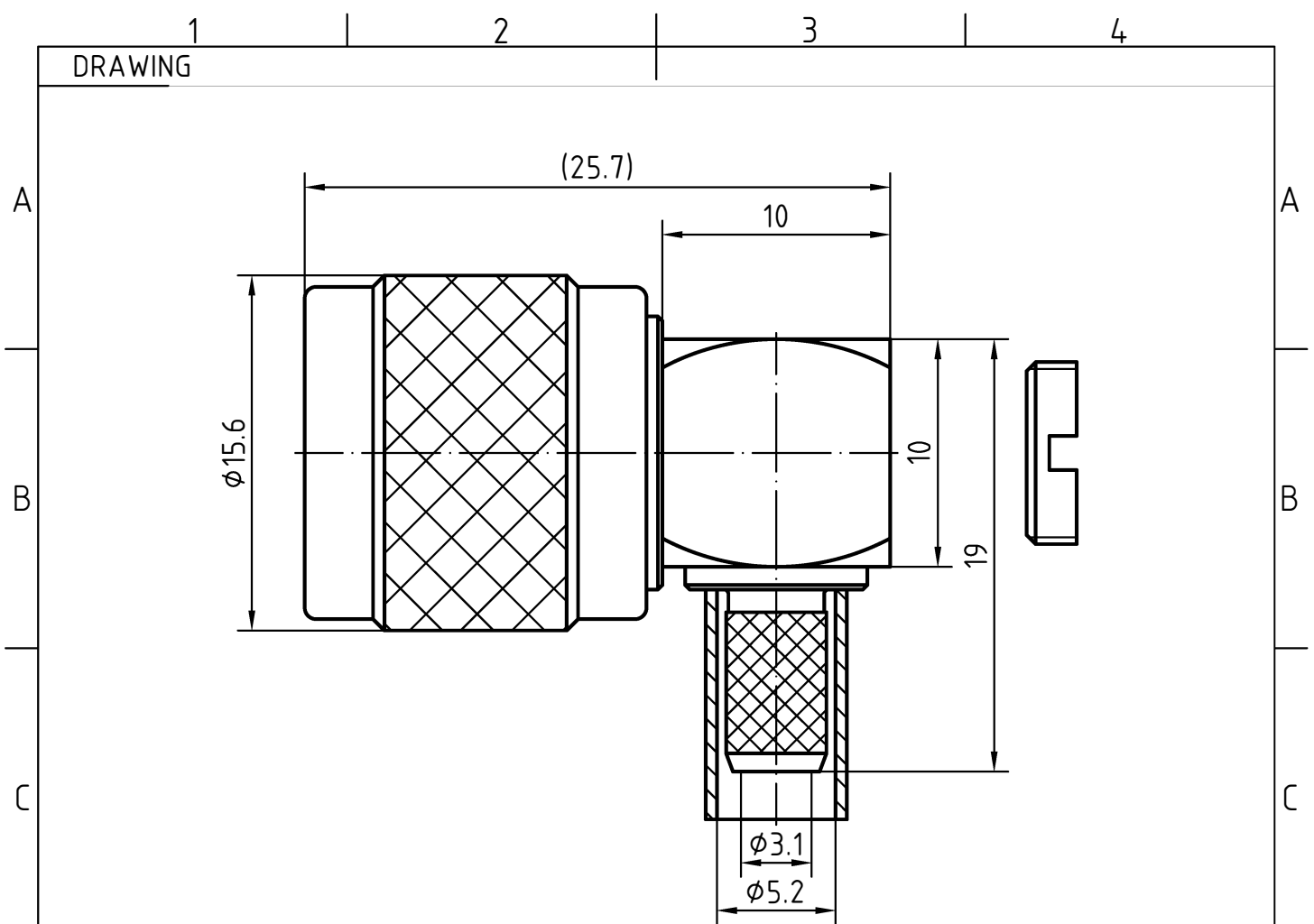
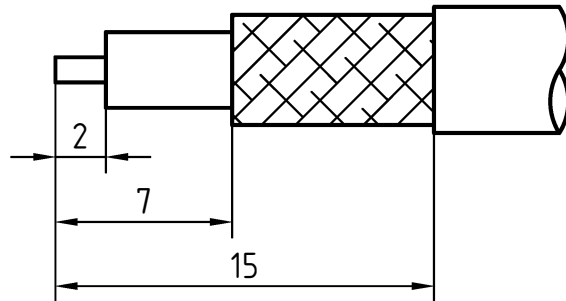




CABLE(RG58/U,RG303/U,LMR195)



6	1	Ferrule	Copper/Nickel plated	Nickel 5.0um over copper 2.0um
5	1	O ring	Silicone rubber	
4	1	Coupling nut	Brass/Nickel plated	Nickel 5.0um over copper 2.0um
3	1	Body	Brass/Nickel plated	Nickel 5.0um over copper 2.0um
2	1	Insulator	PTFE	
1	1	Center contact	Brass/Gold plated	Gold 0.3um over Nickel 2.0um
Itemref	Quantity	Title/Name, designation, material, dimension etc		Article No./Reference

Designed by
Xio Xang

Checked by
Jing Lo

Approved by
Jing Chan

File name
TNC-111200R

Date
07.01.26

Scale
4 : 1

RF CONNEC

TNC-111200R

Edition
1.0

Sheet
1/1

CHARACTERISTICS

DESCRIPTION:

TNC Type male R/A connector

Electrical data:

Impedance:	50 ohm
Frequency range:	DC to 10.0 GHz
VSWR:	$\leq 1.10 + 0.05 \times f[\text{GHz}]$
Insertion loss:	$\leq 0.20 \times \sqrt{f[\text{GHz}]} \text{ dB}$
Insulation resistance:	$\geq 5000 \text{ M}\Omega$
Test voltage:	1500 V rms
Working voltage:	500 V rms
Contact resistance:	
1). Centre contact:	1.5 m Ω
2). Outer conductor:	1.0 m Ω
Power handling (at 20 ° C, sea level, VSWR 1.0):	$\leq 80 \text{ W @ 2 GHz}$

Environmental data:

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

Mechanical data:

Mating cycles:	≥ 500
Coupling test torque:	$\leq 1.7 \text{ Nm}$
Recommended torque:	0.46 Nm to 0.69 Nm

Suitable cables:

RG58/U, RG303/U, LMR195