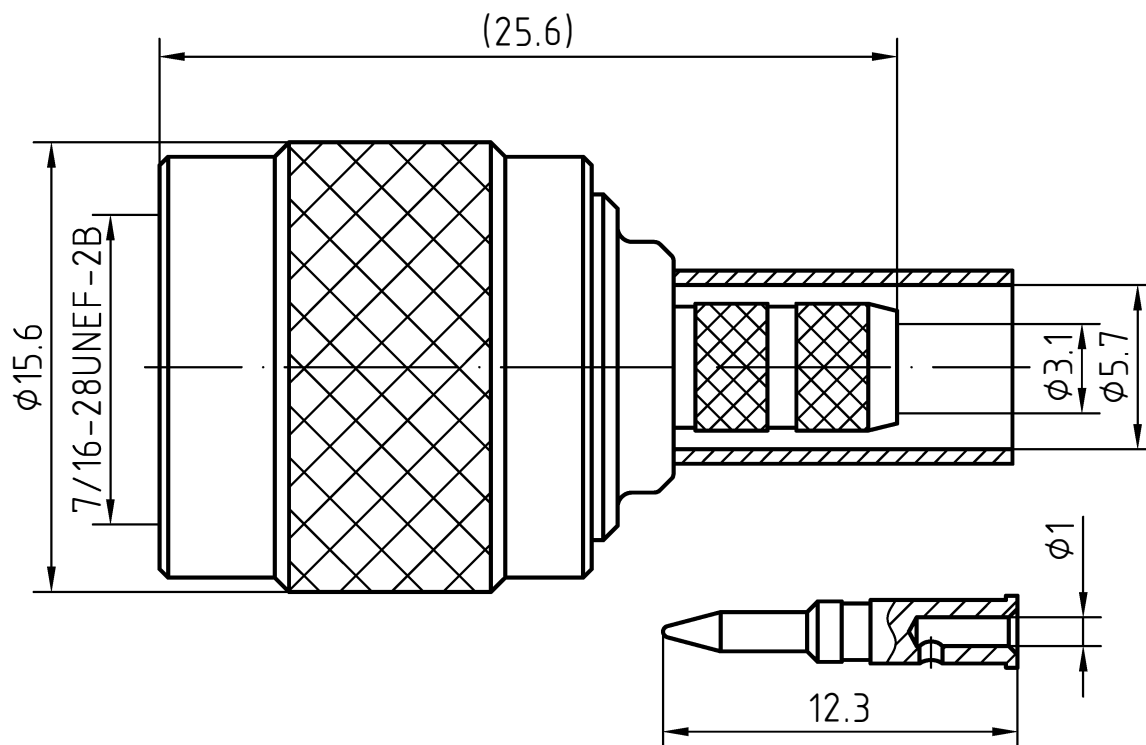
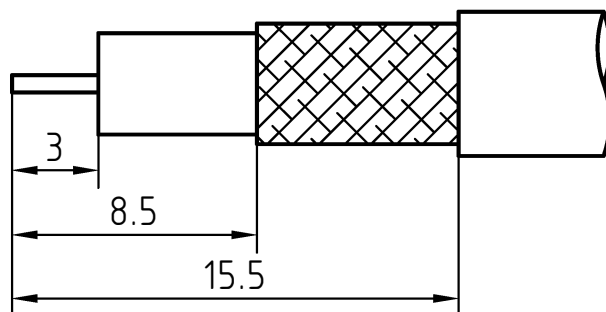


DRAWING



CABLE(RG142B/U, RG223/U, RG400/U)



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	Centor contact	Brass/Gold plated	Gold 0.2um over Nickel 2.0um

Itemref	Quantity	Title/Name, designation, material, dimension etc	Article No./Reference
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Designed by
Xio XangChecked by
Jing LoApproved by
Jing ChanFile name
TNC-111100BDate
07.01.26Scale
4 : 1**RF CONNEC**

TNC-111100B

Edition
1.0Sheet
1/1

CHARACTERISTICS

DESCRIPTION:	TNC Type male connector
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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) :	$\leq 80 \text{ W @ } 2 \text{ GHz}$

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:

RG142B/U, RG223/U, RG400/U