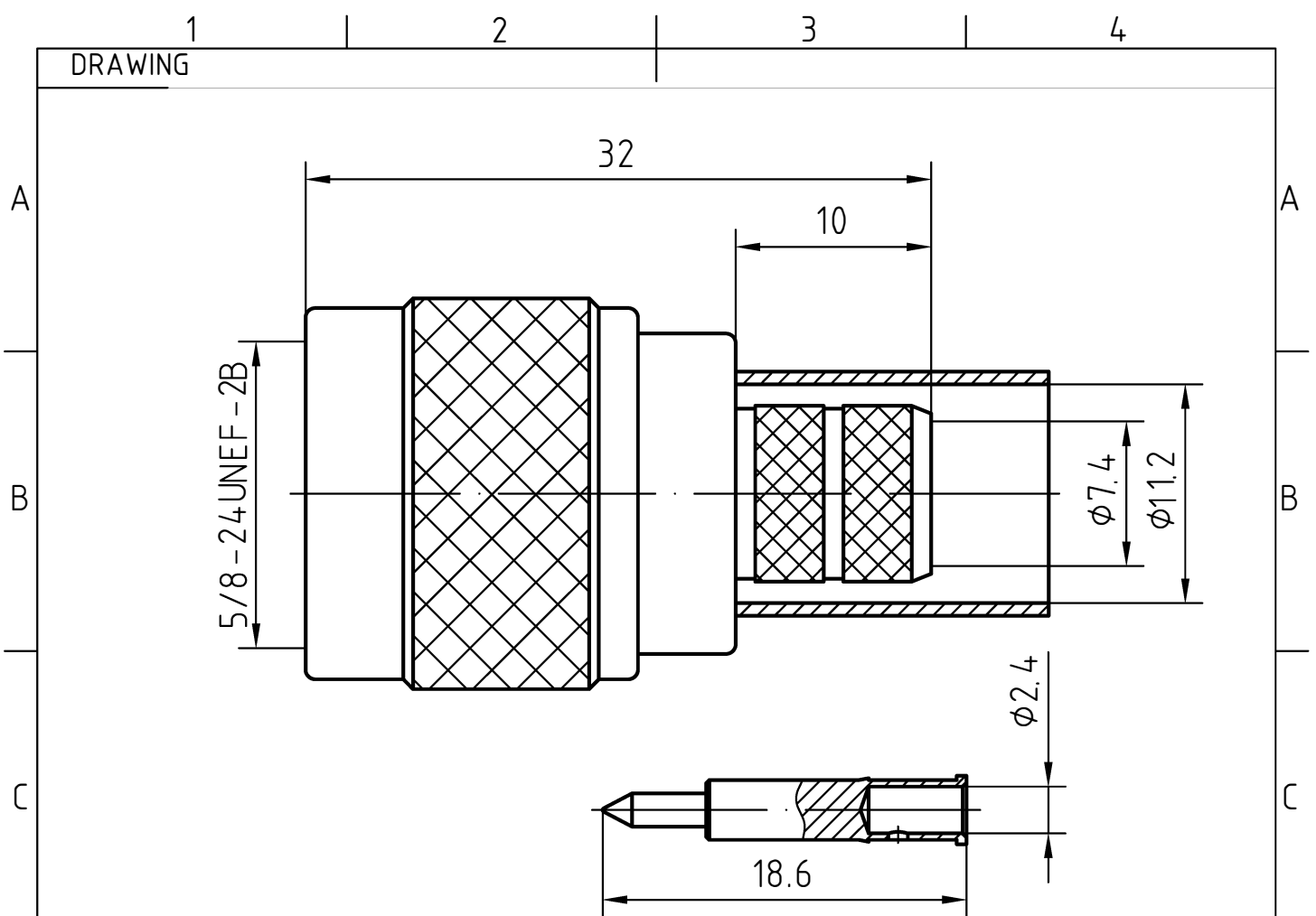
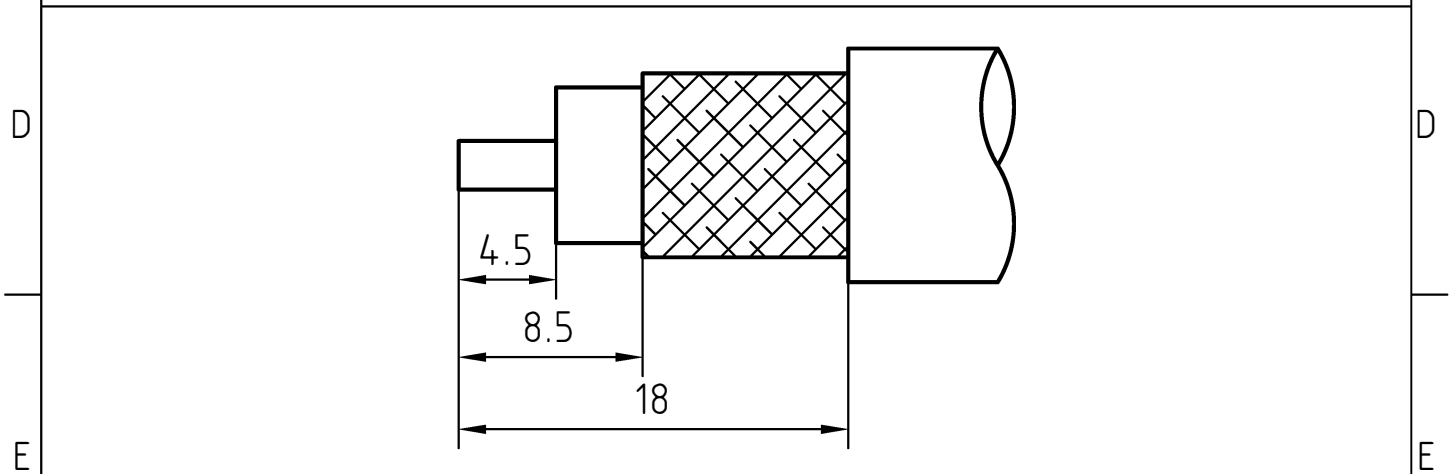




CABLE(RG214/U,RG225/U,RG393/U)



5	1	O ring	Silicon 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 N-11100D	Date 06.07.17

CHARACTERISTICS

DESCRIPTION:

N Type male STR connector

Electrical data:

<i>Impedance:</i>	<i>50 ohm</i>
<i>Frequency range:</i>	<i>DC to 11.0 GHz</i>
<i>VSWR:</i>	<i>$\leq 1.10 + 0.06 \times f \text{ (GHz)}$</i>
<i>Insertion loss:</i>	<i>$\leq 0.15 \times \sqrt{f[\text{GHz}]} \text{ dB}$</i>
<i>Insulation resistance:</i>	<i>$\geq 5000 \text{ M}\Omega$</i>
<i>Test voltage:</i>	<i>2500 V rms</i>
<i>Working voltage:</i>	<i>1400 V rms</i>
<i>Contact resistance:</i>	
1). <i>Centre contact:</i>	<i>1.0 mΩ</i>
2). <i>Outer conductor:</i>	<i>0.25 mΩ</i>

Environmental data:

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

Mechanical data:

<i>Mating cycles:</i>	<i>≥ 500</i>
<i>Center contact captivation:</i>	<i>$\geq 28 \text{ N(axial)}$</i>
<i>Coupling nut retention :</i>	<i>$\geq 450 \text{ N}$</i>
<i>Coupling test torque:</i>	<i>$\leq 1.7 \text{ Nm}$</i>
<i>Recommended torque:</i>	<i>0.70 Nm to 1.10 Nm</i>

Assembly instruction:

A0001

Suitable cables:

RG214/U, RG225/U, RG393/U