

DRAWING

A

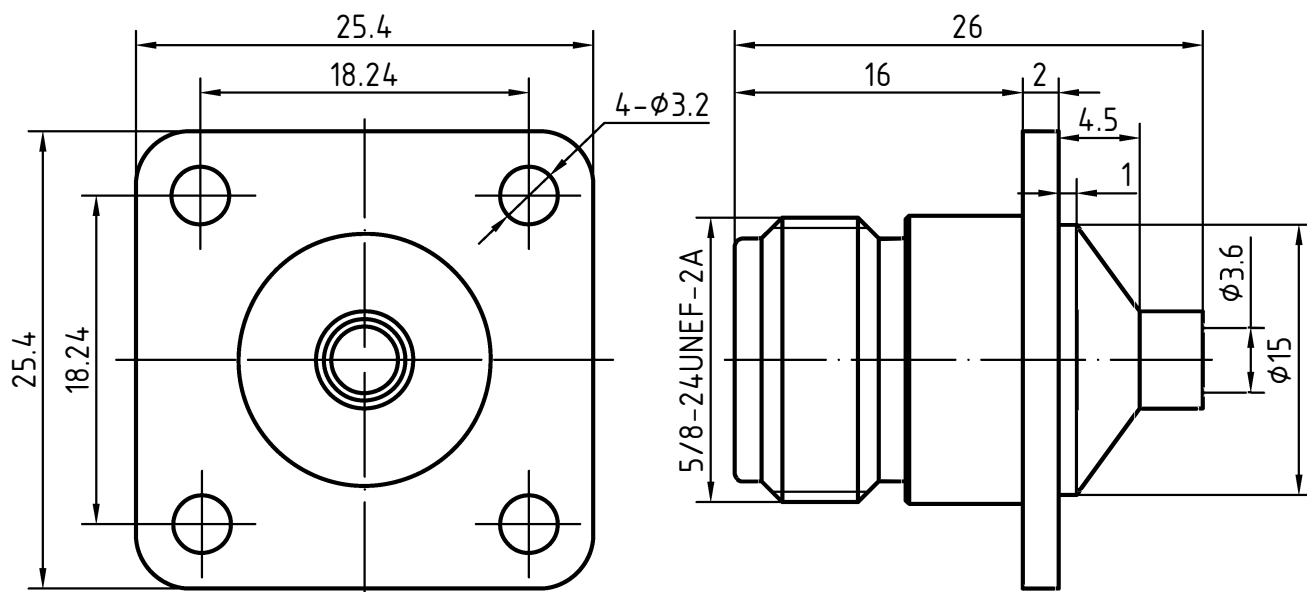
B

C

A

B

C



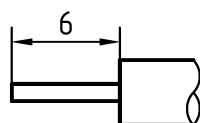
CABLE(.141,RG402,670-141)

D

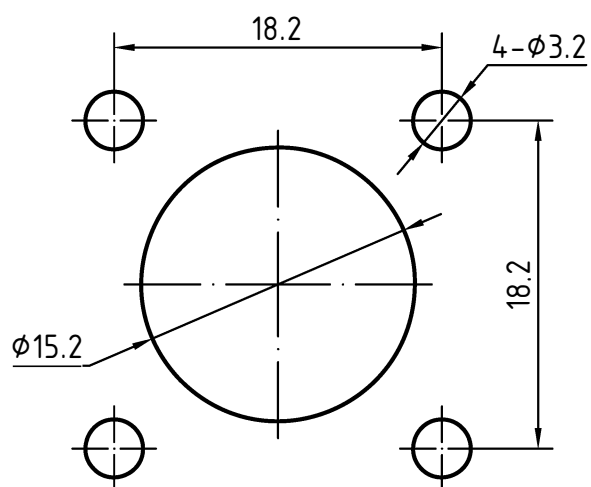
E

D

E



MOUNTING HOLE



3

1

Body

Brass/Nickel plated

Nickel 7.0um over Copper 2.0um

2

1

Insulator

PTFE

1

1

Center contactor

Phosphor bronze/Gold plated

Gold 0.5um over Nickel 2.0um

Itemref

Quantity

Title/Name, designation, material, dimension etc

Article No./Reference

Designed by
Xio XangChecked by
Jing LoApproved by
Jing ChanFile name
N-132140EDate
08.11.30Scale
3 : 1

N-132140E

Edition
1.0Sheet
1/1

1

4

CHARACTERISTICS

DESCRIPTION:

N Type female FL connector

Electrical data:

<i>Impedance:</i>	50 ohm
<i>Frequency range:</i>	DC to 11.0 GHz
<i>Return loss:</i>	≥35dB, DC-1GHz ≥20dB, 4-6GHz
<i>Insertion loss:</i>	≤0.35dB
<i>Insulation resistance:</i>	≥5000MΩ
<i>Test voltage:</i>	2500 V rms
<i>Working voltage:</i>	1400 V rms
<i>Contact resistance:</i>	
1). Centre contact:	1.0 mΩ
2). Outer conductor:	0.25 mΩ

Environmental data:

<i>Temperature rating:</i>	-65 ° C to +165 ° C
<i>Thermal shock :</i>	MIL-STD-202, Meth. 107, Cond. B
<i>Corrosion :</i>	MIL-STD-202, Meth. 101, Cond. B
<i>Vibration :</i>	MIL-STD-202, Meth. 204, Cond. D
<i>Shock :</i>	MIL-STD-202, Meth. 213, Cond. I
<i>Moisture resistance :</i>	MIL-STD-202, Meth. 106
<i>2002/95/EC (RoHS):</i>	Compliant

Mechanical data:

<i>Mating cycles:</i>	≥500
<i>Center contact retention:</i>	≥18 N(axial)
<i>Coupling test torque:</i>	≤1.7 Nm
<i>Recommended torque:</i>	0.46 Nm to 0.69 Nm

Suitable cables:

.141,RG402,670-141