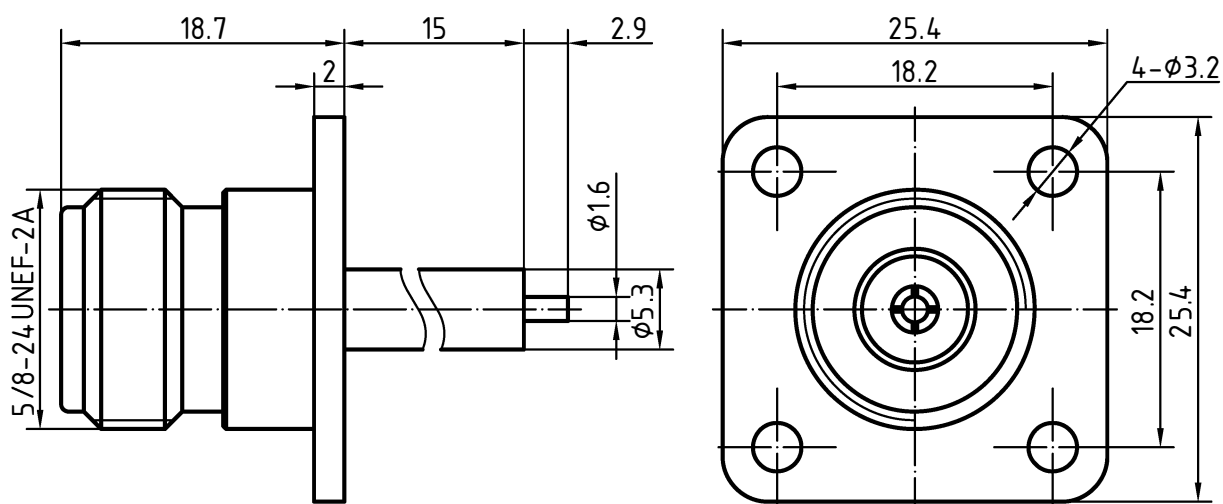
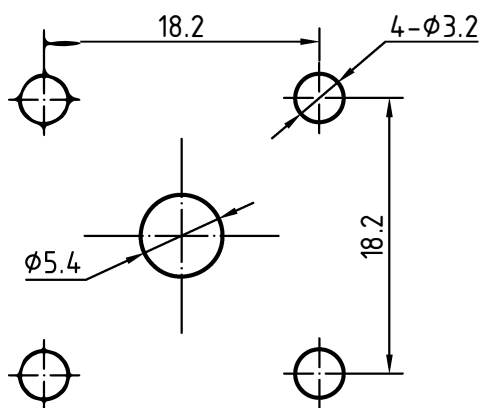


DRAWING



MOUNTING HOLE(H84)



3	1	Body	Stainless steel/Passivated	
2	1	Insulator	PFTE	
1	1	Center contact	Beryllium copper/Gold plated	
Itemref	Quantity	Title/Name, designation, material, dimension etc		Article No./Reference

Designed by
Xio XangChecked by
Jing LoApproved by
Jing ChanFile name
N-232141(25.4)Date
24.04.16Scale
3 : 1**RF CONNEC****N-232141(25.4)**Edition
1.0Sheet
1/1

CHARACTERISTICS

DESCRIPTION: N Type female FL connector

Electrical data:

Impedance: 50 ohm
Frequency range: DC to 11.0 GHz
Return loss: $\geq 35\text{dB}$, DC-2.5GHz
 $\geq 30\text{dB}$, 2.5-4GHz
 $\geq 20\text{dB}$, 4-8GHz
Insertion loss: $\leq 0.35\text{dB}$, DC-8GHz
Insulation resistance: $\geq 5000\text{M}\Omega$
Test voltage: 2500 V rms
Working voltage: 1400 V rms
Contact resistance:
 1). Centre contact: 1.0 m Ω
 2). Outer conductor: 0.25 m Ω
Power handling (at 20 ° C, sea level, VSWR 1.0): $\leq 80\text{ W @ 2 GHz}$
 700 W @ 2 GHz

Environmental data:

Temperature rating: -55 ° C to +165 ° C
2002/95/EC (RoHS): Compliant

Mechanical data:

Mating cycles: ≥ 500
Center contact captivation: $\geq 28\text{ N(axial)}$
 $\geq 3\text{ Ncm(radial)}$
Coupling test torque: $\leq 1.7\text{ Nm}$
Recommended torque: 0.7 Nm to 1.1 Nm

Suitable cables:

N/A