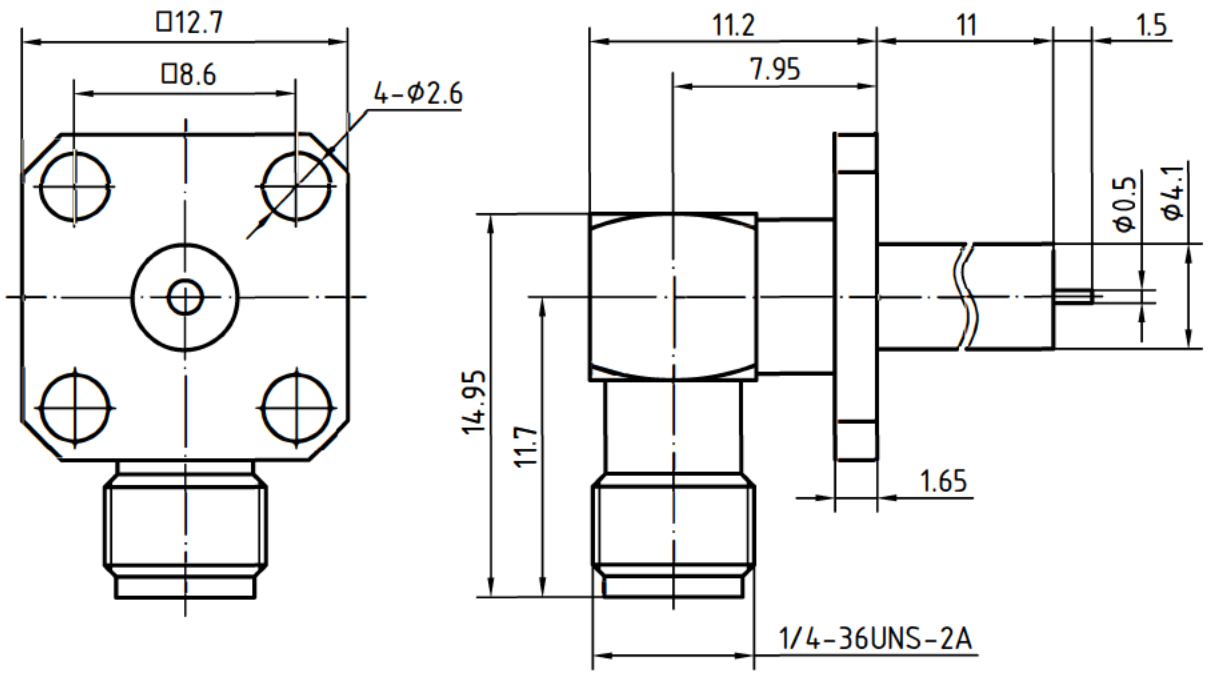
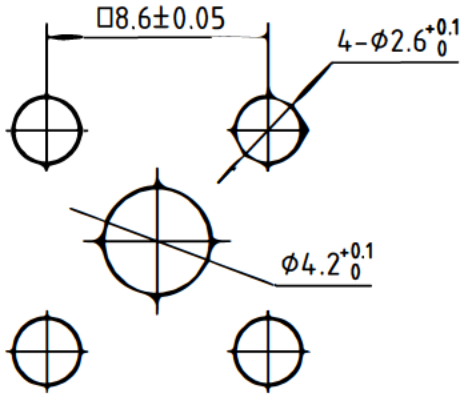
DRAWING



MOUNTING HOLE



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

Designed by	Checked by	Approved by	File name	Date	Scale
Xio Xang	Jing Lo	Jing Chan	SMA-232242(11S)	24.12.18	4 : 1

RF CONNEC

SMA-232242(11S)

Edition	Sheet
1.0	1/1

CHARACTERISTICS

DESCRIPTION:	SMA Type female R/A+FL connector

Electrical data:

Impedance:	*50 ohm*
Frequency range:	*DC to 18.0 GHz*
VSWR:	*≤ 1.25:1*
Insertion loss:	*≤ 0.25 dB*
Insulation resistance:	*≥ 5000MΩ*
Test voltage:	*≥ 1000 V rms*
Working voltage:	*≤ 480 V rms*
Contact resistance:	
1). Centre contact:	*≤ 3.0 mΩ*
2). Outer conductor:	*≤ 2.0 mΩ*
RF leakage:	*≤ -(100 - F(GHz)) dB*

Environmental data:

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

Mechanical data:

Mating cycles:	*≥100*
Center contact captivation:	*≥20 N(axial)*
Coupling test torque:	*≤1.1 Nm*
Recommended torque:	*0. 46Nm to 0.69 Nm*

Suitable cables:

N/A