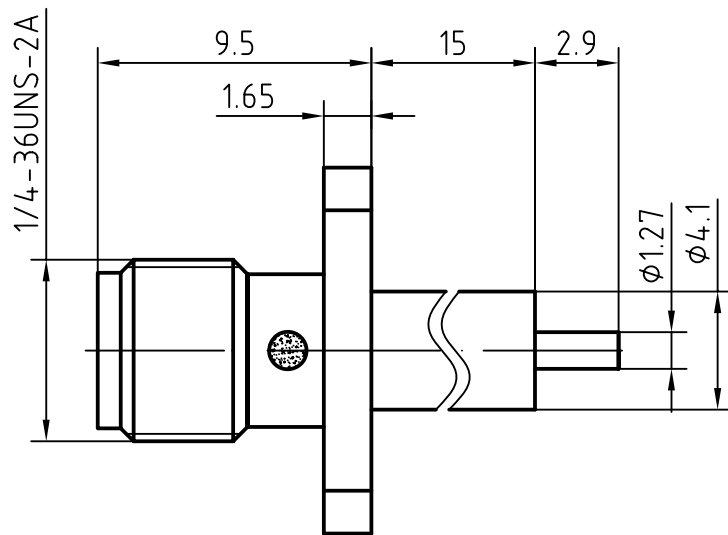
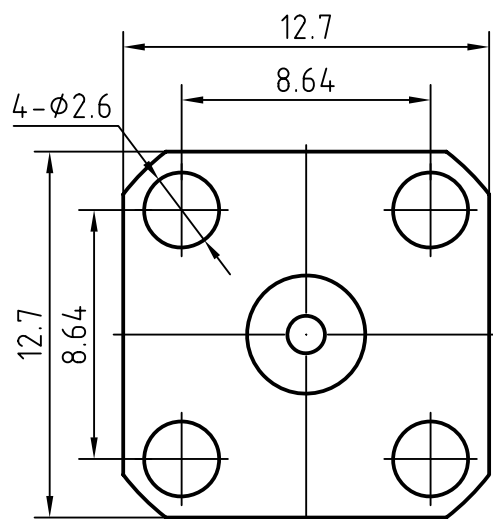
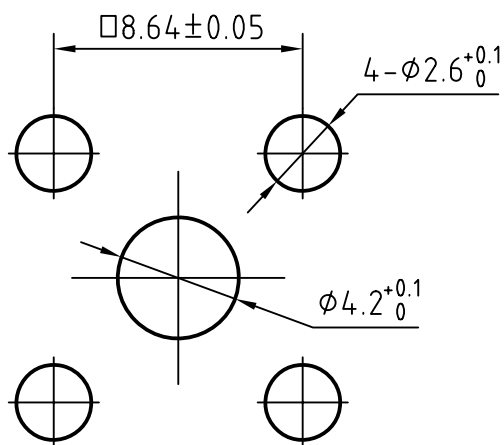


DRAWING



MOUNTING HOLE



3

1

Body

Brass/Gold plated

2

1

Insulator

PTFE

1

1

Center contact

Beryllium copper/Gold plated

Designed by
Xio XangChecked by
Jing ChanApproved by - date
Jing ChanFile name
SMA-232141(15)Date
05.06.16Scale
5 : 1**RF CONNEC**

SMA-232141(15)

Edition
1.0Sheet
1/1

DESCRIPTION:	CHARACTERISTICS SMA Type female FL connector
<u>Electrical data:</u> Impedance: Frequency range: VAWR: Insertion loss: Insulation resistance: Test voltage: Working voltage: Contact resistance: 1). Centre contact: 2). Outer conductor: Power handling (at 20 ° C, sea level, VSWR 1.0): RF-leakage:	50 ohm DC to 18 GHz $\leq 1.04 + 0.02 \times f \text{ [GHz]}$ $\leq 0.08 \times \sqrt{f \text{ [GHz]}} \text{ dB}$ $\geq 5000 \text{ M}\Omega$ 1000 V rms 480 V rms 3 m Ω 2 m Ω $\leq 200 \text{ W @ 2 GHz}$ $\geq 100 \text{ dB up to 1 GHz}$
<u>Environmental data:</u> Temperature rating: 2002/95/EC (RoHS):	-65 ° C to +165 ° C Compliant
<u>Mechanical data:</u> Mating cycles: Center contact captivation(axial): (radial): Coupling test torque: Recommended torque:	≥ 100 $\geq 20 \text{ N}$ $\geq 1 \text{ Ncm}$ $\leq 1.1 \text{ Nm}$ 0.46~0.69 Nm
<u>Suitable cables:</u>	N/A
	