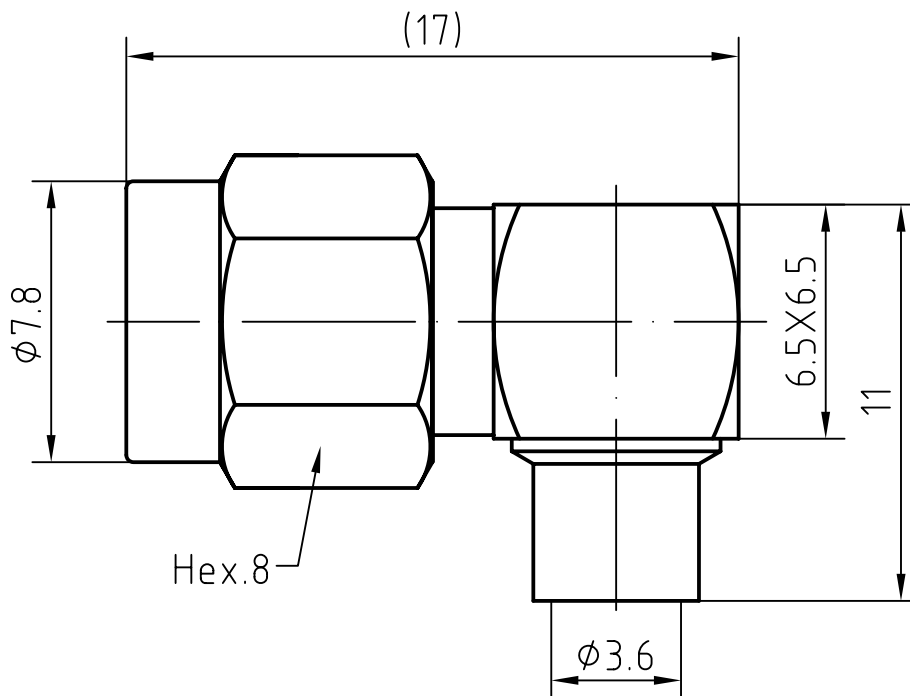
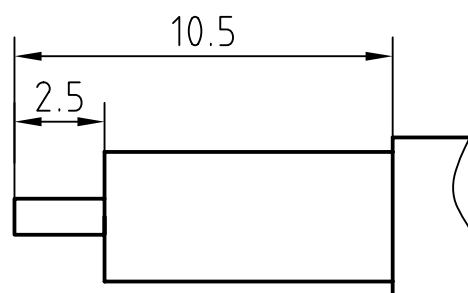
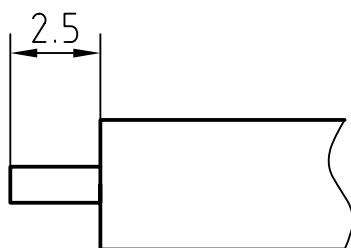


DRAWING



CABLE(RG402/U,.141)



With jacket

5	1	O-ring	Silicone rubber	
4	1	coupling nut	Brass/Gold plated	
3	1	Body	Brass/Gold plated	
2	1	Insulator	PTFE	
1	1	Center contact	Brass/Gold plated	

Designed by
Xio XangChecked by
Jing LoApproved by - date
Jing ChanFile name
SMA-131200EDate
08.10.16Scale
1 : 1**RF CONNEC**

SMA-131200E

Edition
1.0Sheet
1/1

CHARACTERISTICS

DESCRIPTION: SMA male R/A connector

Electrical data:

Impedance:	50 ohm
Frequency range:	DC to 18 GHz
VSWR:	$\leq 1.06 + 0.005 \times f$ [GHz], DC to 8 GHz
Insertion loss:	$\leq 0.06 \times \sqrt{f}$ [GHz] dB
Insulation resistance:	$\geq 5000 \text{ M}\Omega$
Test voltage:	1000 V rms
Working voltage:	480 V rms
Contact resistance:	
1). Centre contact:	3.0 m Ω
2). Outer conductor:	2.0 m Ω
Power handling (at 20 °C, sea level, VSWR 1.0)	$\leq 200 \text{ W @ 2 GHz}$;
RF-leakage	$\geq 100 \text{ dB up to 1 GHz}$

- Limitations are possible due to the used cable type -

Environmental data:

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

Mechanical data:

Mating cycles:	≥ 500
Coupling nut retention	$\geq 270 \text{ N}$
Coupling test torque:	$\leq 1.7 \text{ Nm}$
Recommended torque:	0.8 Nm to 1.1 Nm
Suitable cables:	.141, RG 402