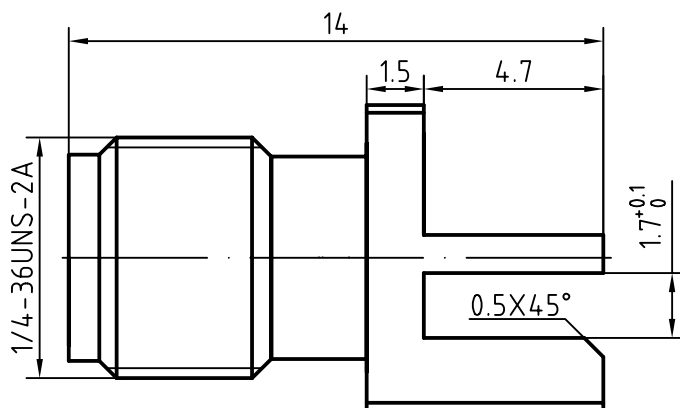
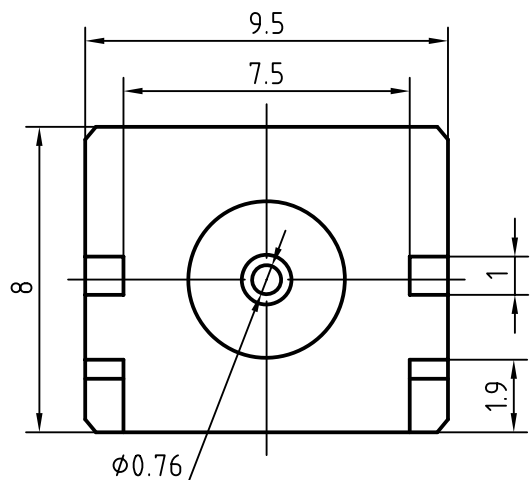
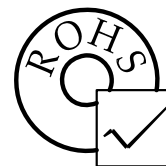
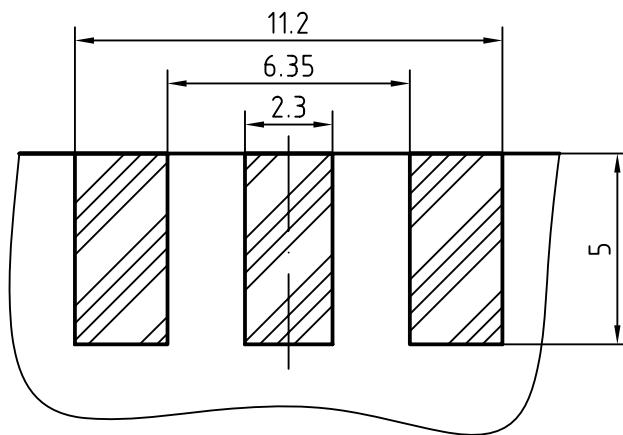




RECOMMENDED MOUNTING PAD



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

Designed by
Xio Xang

Checked by
Jing Lo

Approved by - date
Jing Chan

File name
SMA-332300

Date
06.02.16

Scale
6 : 1

RF CONNEC

SMA-332300

Edition
1.0

Sheet
1/1

CHARACTERISTICS

DESCRIPTION:

SMA Type female edge mount connector

Electrical data:

Impedance:	50 ohm
Frequency range:	DC to 18 GHz
VSWR:	$\leq 1.08 + 0.02 \times f \text{ [GHz]}$, DC to 18 GHz
Insertion loss:	$\leq 0.03 \times \sqrt{f \text{ [GHz]}}$ 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	$\geq 27 \text{ N}$
Coupling test torque:	$\leq 1.1 \text{ Nm}$
Recommended torque:	0.46 Nm to 0.69 Nm

Suitable cables:

N/A