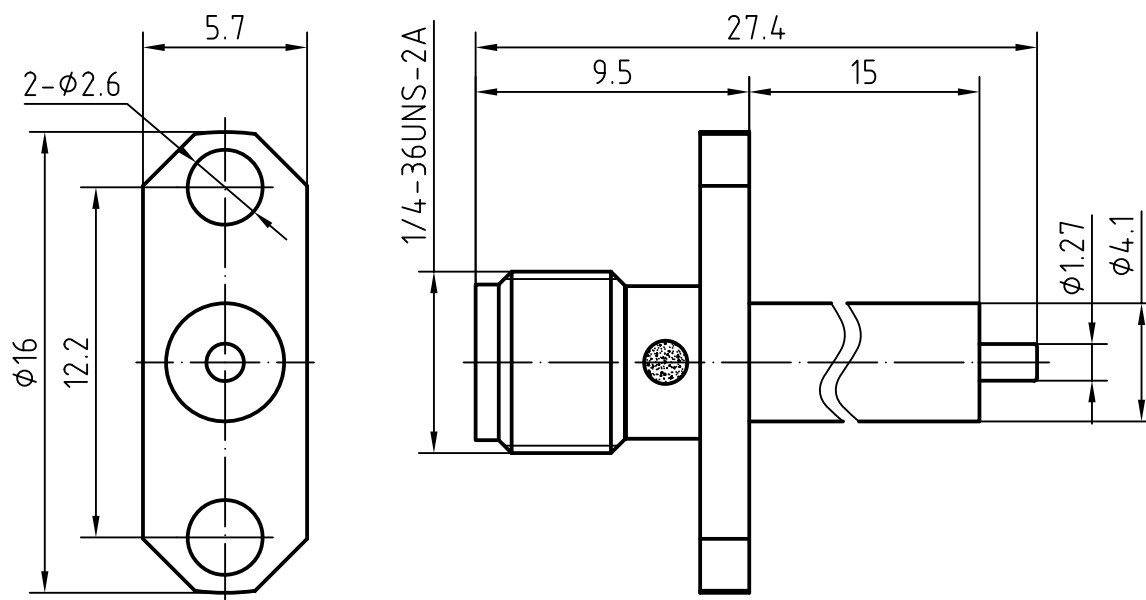
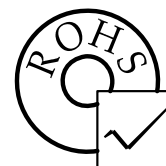
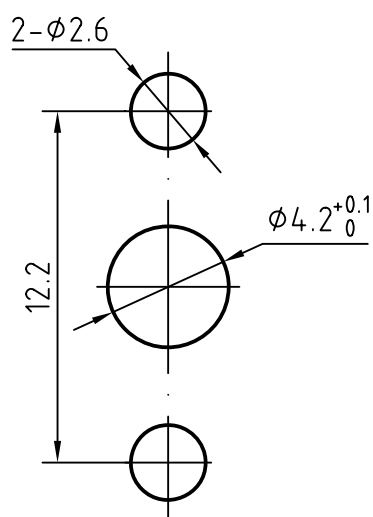




MOUNTING HOLE



3	1	Body	Brass/Gold plated	Gold 0.2um over Nickel 2.0um
2	1	Insulator	PTFE	
1	1	Center contact	Beryllium copper/Gold plated	Gold 0.5um over Nickel 2.0um
Itemref	Quantity	Title/Name, designation, material, dimension etc		Article No./Reference

Designed by
Xio XangChecked by
Jing LoApproved by - date
Jing ChanFile name
SMA-232121Date
16.03.12Scale
4 : 1**RF CONNEC**

SMA-232121

Edition
1.0Sheet
1/1

CHARACTERISTICS

DESCRIPTION:

SMA Type female 2hole connector

Electrical data:

Impedance:	50 ohm
Frequency range:	DC to 18 GHz
VSWR:	$\leq 1.04 + 0.02 \times f \text{ [GHz]}$
Insertion loss:	$\leq 0.08 \times \sqrt{f \text{ [GHz]}} \text{ dB}$
Insulation resistance:	$\geq 5000 \text{ M}\Omega$
Test voltage:	$\geq 1000 \text{ V rms}$
Working voltage:	$\leq 500 \text{ V rms}$
Contact resistance:	
1). Centre contact:	$\leq 1.5 \text{ m}\Omega$
2). Outer conductor:	$\leq 1.0 \text{ m}\Omega$
RF leakage:	$\leq -(60 - F(\text{GHz})) \text{ dB}$

Environmental data:

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

Mechanical data:

Mating cycles:	≥ 500
Center contact captivation:	$\geq 27 \text{ N(axial)}$
Coupling test torque:	$\leq 1.7 \text{ Nm}$
Recommended torque:	0.46 Nm to 0.69 Nm

Suitable cables:

N/A