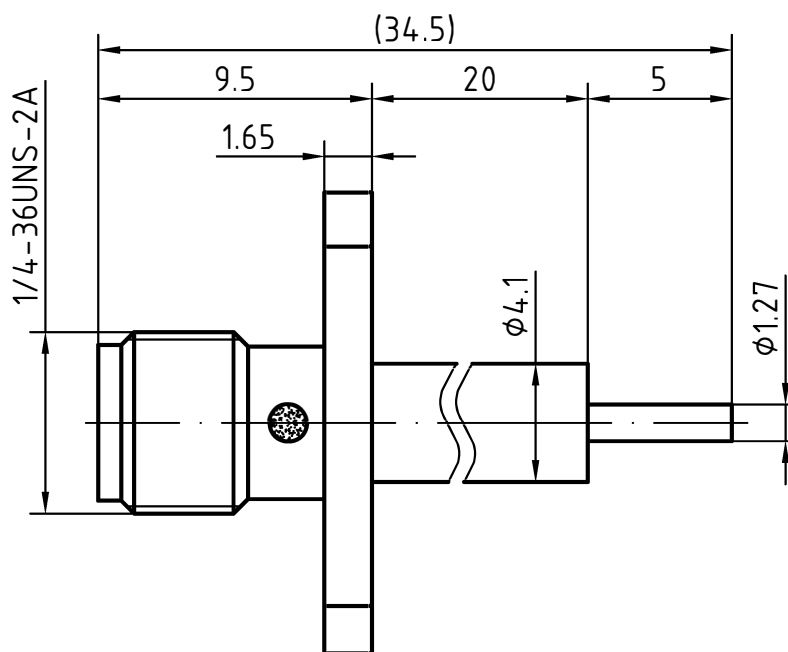
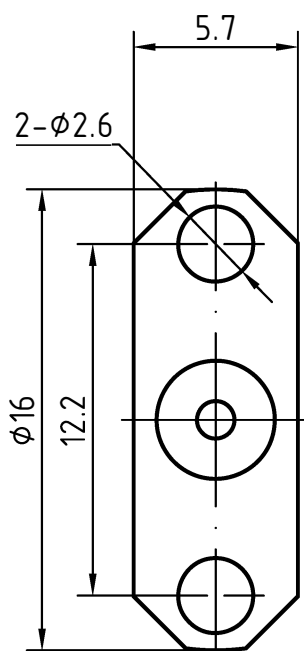
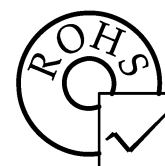
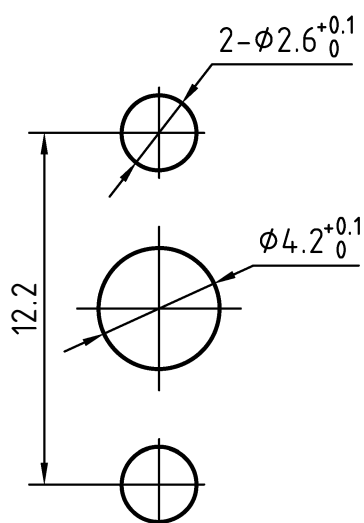


DRAWING



MOUNTING HOLE



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 Jing Chan	File name SMA-232121(20)	Date 07.09.18	Scale 4 : 1
RF CONNEC				SMA-232121(20)		
					Edition 1.0	Sheet 1/1

CHARACTERISTICS

DESCRIPTION:

SMA Type female FL connector

Electrical data:

Impedance:	50 ohm
Frequency range:	DC to 18 GHz
VSWR:	$\leq 1.05 + 0.01 \times f \text{ [GHz]}$
Insertion loss:	$\leq 0.05 * \sqrt{f \text{ [GHz]}} \text{ dB}$
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:	$\leq 3.0 \text{ m}\Omega$
2). Outer conductor:	$\leq 2.0 \text{ m}\Omega$

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:	$\leq 1.1 \text{ Nm}$
Recommended torque:	0.46 N.m to 0.69 N.m

Suitable cables:

N/A