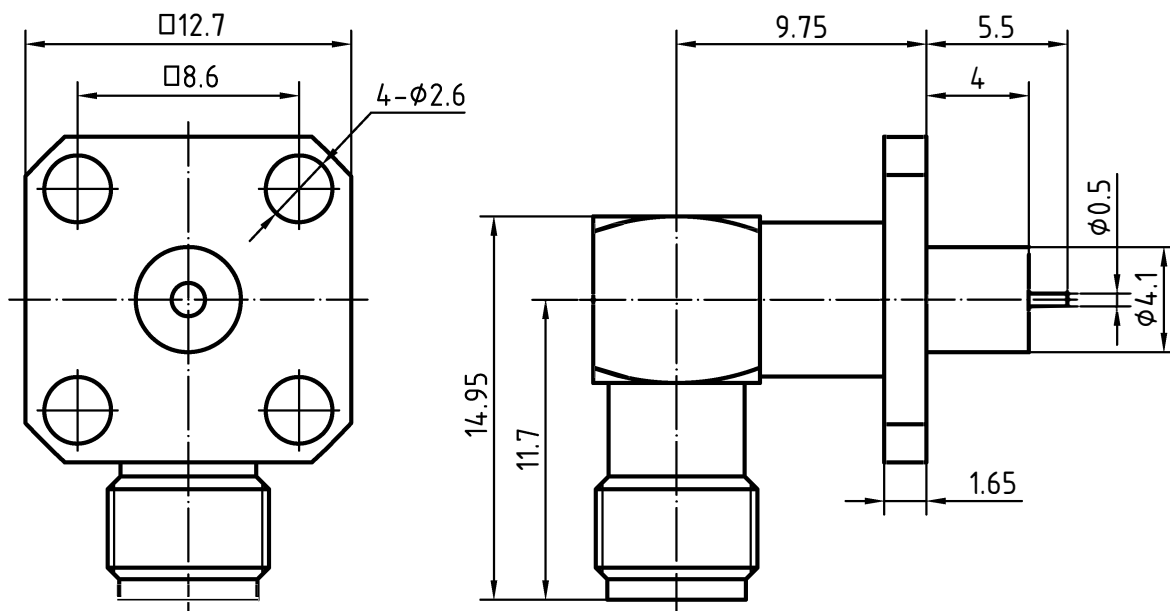
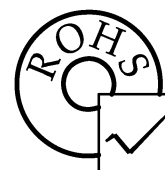
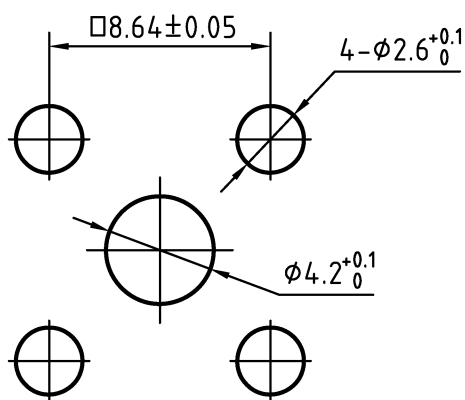


DRAWING



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-232242(4)	Date 16.01.07
			SMA-232242(4)	
			Edition 1.0	Sheet 1/1

CHARACTERISTICS

DESCRIPTION:	SMA Type female R/A+FL connector
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Electrical data:

Impedance:	50 ohm DC
Frequency range:	to 18 GHz
VSWR:	$\leq 1.25:1$
Insertion loss:	≤ 0.25 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
RF leakage:	$\leq -(100 - F(\text{GHz}))$ dB

Environmental data:

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

Mechanical data:

Mating cycles:	≥ 100
Center contact captivation:	≥ 20 N(axial)
Coupling test torque:	≤ 1.1 Nm
Recommended torque:	0.46Nm to 0.69 Nm

Suitable cables:

N/A