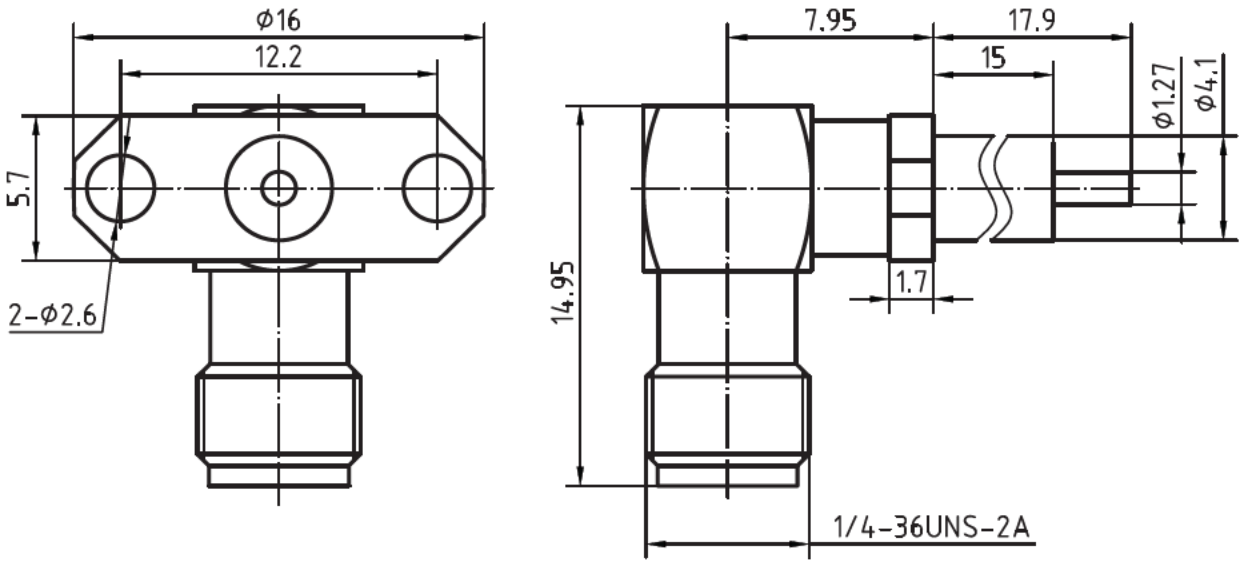
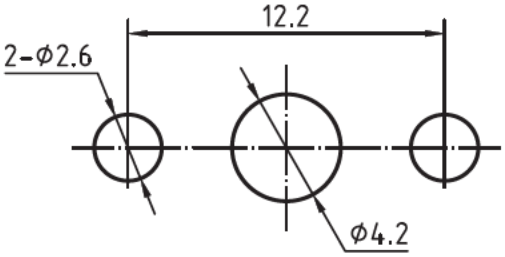
DRAWING



MOUNTING HOLE



ROHS

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

Designed by	Checked by	Approved by	File name	Date	Scale
Xio Xang	Jing Lo	Jing Chan	SMA-232221	16.09.13	4 : 1

RF CONNEC
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SMA-232221

Edition	Sheet
1.0	1/1

CHARACTERISTICS

DESCRIPTION:	SMA Type female R/A+FL connector

Electrical data:

Impedance:	*50 ohm*
Frequency range:	*DC to 18.0 GHz*
VSWR:	*≤ 1.06+0.02 X f [GHz]*
Insertion loss:	*≤ 0.08 X √f [GHz] dB*
Insulation	*≥ 5000MΩ*
resistance: Test	*≥ 1000 V rms*
voltage: Working	*≤ 500 V rms*
voltage: Contact	
resistance:	
1). Centre contact:	*≤ 1.5 mΩ*
2). Outer conductor:	*≤ 1.0 mΩ*
RF leakage:	*≤ -(100 - F(GHz)) dB*

Environmental data:

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

Mechanical data:

Mating cycles:	*≥500*
Center contact captivation:	*≥27 N(axial)*
Coupling test torque:	*≤1.7 Nm*
Recommended torque:	*0.46 Nm to 0.69 Nm*

Suitable cables:

N/A

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