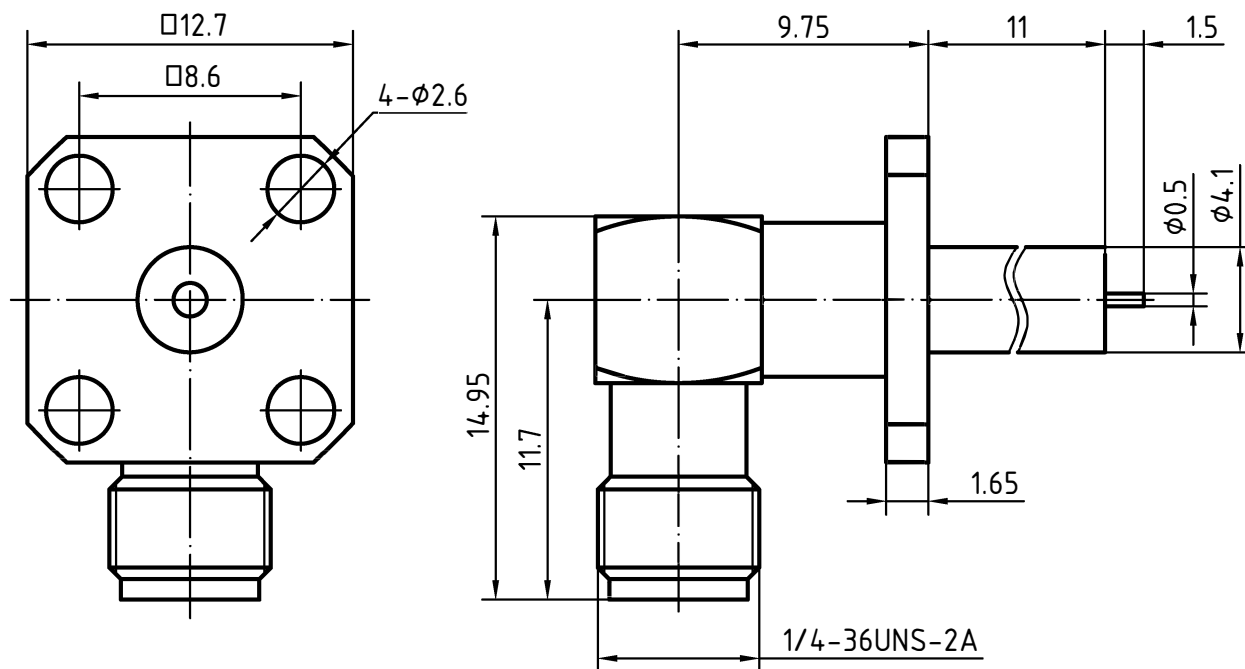
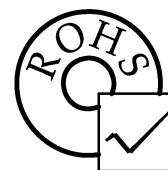
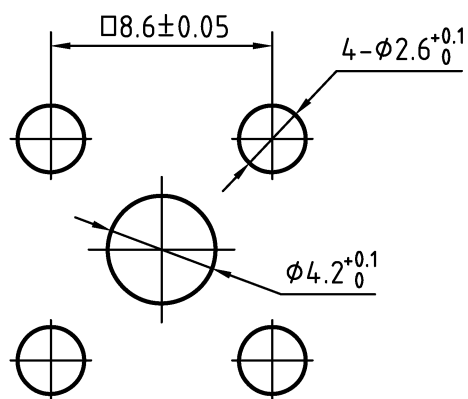


DRAWING



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(11S)
				Date 23.08.20
				Scale 4 : 1
			SMA-232242(11S)	
			Edition 1.0	Sheet 1/1

CHARACTERISTICS

DESCRIPTION:

SMA Type female R/A+FL connector

Electrical data:

<i>Impedance:</i>	<i>50 ohm</i>
<i>Frequency range:</i>	<i>DC to 18.0 GHz</i>
<i>VSWR:</i>	<i>$\leq 1.25:1$</i>
<i>Insertion loss:</i>	<i>≤ 0.25 dB</i>
<i>Insulation resistance:</i>	<i>$\geq 5000M\Omega$</i>
<i>Test voltage:</i>	<i>≥ 1000 V rms</i>
<i>Working voltage:</i>	<i>≤ 480 V rms</i>
<i>Contact resistance:</i>	
1). Centre contact:	<i>≤ 3.0 mΩ</i>
2). Outer conductor:	<i>≤ 2.0 mΩ</i>
<i>RF leakage:</i>	<i>$\leq -(100 - F(\text{GHz}))$ dB</i>

Environmental data:

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

Mechanical data:

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

Suitable cables:

N/A