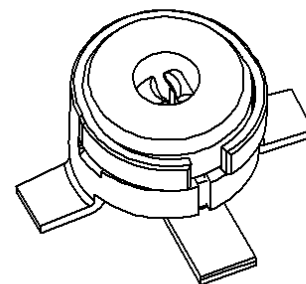
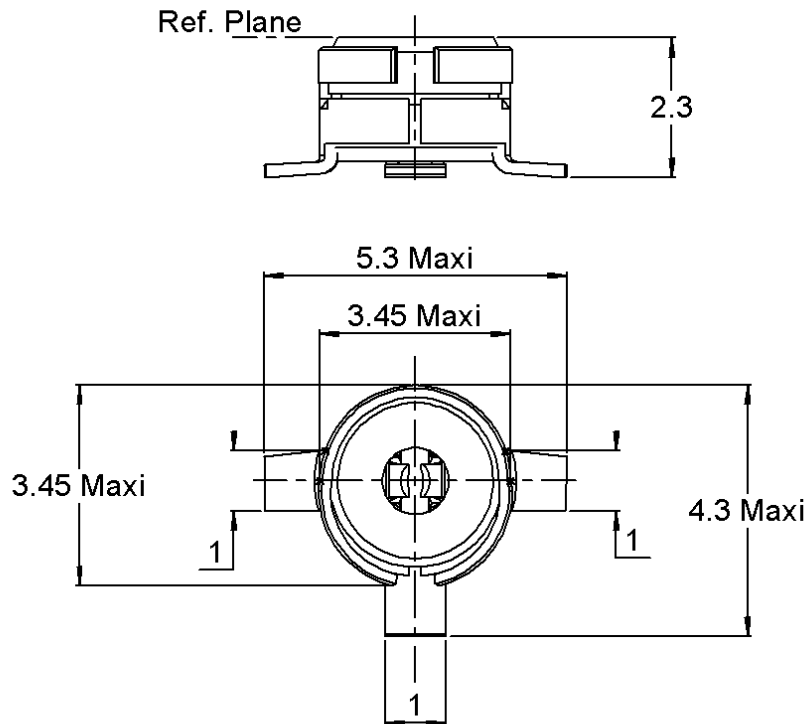
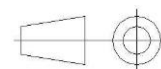


PAGE 1/5	ISSUE <b>06-02-17B</b>	SERIES <b>MMS</b>	PART NUMBER <b>R209408302</b>
----------	------------------------	-------------------	-------------------------------



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING (μm)
Body	<b>PHOSPHOR BRONZE</b>	<b>GOLD 0.2 OVER NICKEL 2</b>
Center contact	<b>BERYLLIUM COPPER</b>	<b>GOLD 0.2 OVER TIN NICKEL 2</b>
Outer contact		
Insulator	<b>PTFE</b>	
Gasket	-	-
Others parts	-	-
-	-	-
-	-	-

PAGE 2/5	ISSUE <b>06-02-17B</b>	SERIES <b>MMS</b>	PART NUMBER <b>R209408302</b>
----------	------------------------	-------------------	-------------------------------

**PACKAGING**

Standard	Unit	Other
<b>3000</b>	<b>Contact us</b>	<b>Contact us</b>

**ELECTRICAL CHARACTERISTICS**

Impedance		<b>50</b>	Ω
Frequency		<b>0-6</b>	GHz
VSWR	* +	<b>0,0000</b>	x F(GHz) Maxi
Insertion loss		<b>**</b>	√F(GHz) dB Maxi
RF leakage	- (	<b>NA</b>	- F(GHz) dB Maxi
Voltage rating		<b>50</b>	Veff Maxi
Dielectric withstanding voltage		<b>250</b>	Veff mini
Insulation resistance		<b>500</b>	MΩ mini

**ENVIRONMENTAL**

Operating temperature	<b>-40/+125</b>	°C
Hermetic seal	<b>NA</b>	Atm.cm3/s
Panel leakage	<b>NA</b>	

**MECHANICAL CHARACTERISTICS**

Center contact retention			
Axial force – Mating End		<b>NA</b>	N mini
Axial force – Opposite end		<b>NA</b>	N mini
Torque		<b>NA</b>	N.cm mini
Recommended torque			
Mating		<b>NA</b>	N.cm
Panel nut		<b>NA</b>	N.cm
Mating life		<b>50</b>	Cycles mini
Weight		<b>0,0590</b>	g

**SPECIFICATION**

**OTHER CHARACTERISTICS**

Assembly instruction:

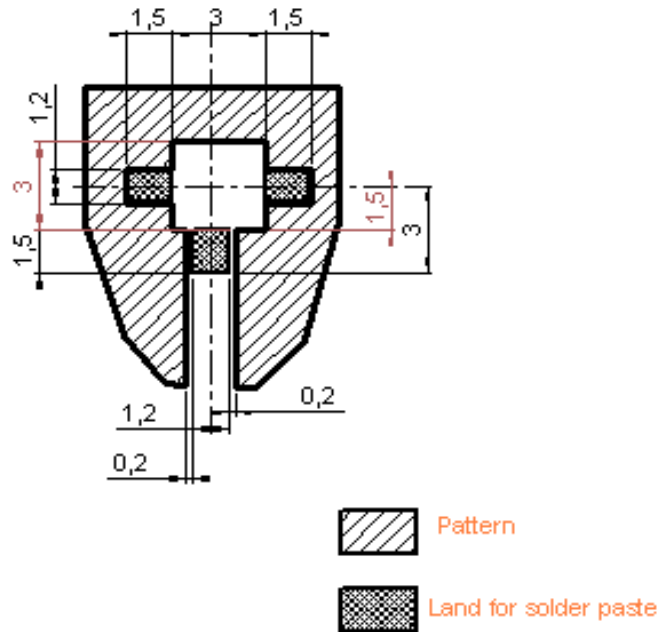
Others:

**\*1.2 à 2GHz/Avg 1,07 \*\*Max 0.07/Avg 0.06**

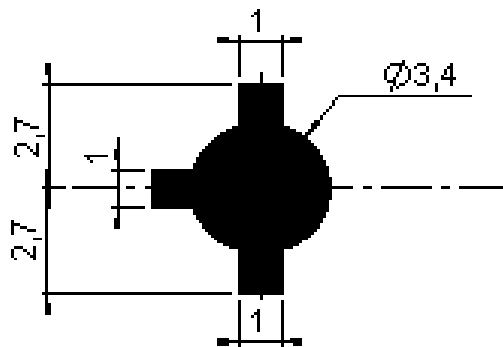
PAGE 3/5	ISSUE 06-02-17B	SERIES MMS	PART NUMBER R209408302
----------	-----------------	------------	------------------------

**MMS SERIES – INFORMATION**

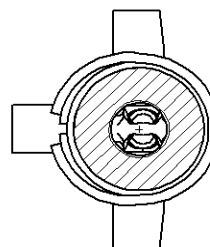
Coplanar line : Ground and signal are on the same side . Thickness of PCB : 1mm  
 The material of PCB is glass-epoxy composite. (Er = 4.8)  
 The sold er resist should be printed except for the land pattern on the PCB.



**SHADOW OF MMS RECEPTACLE FOR VIDEO CAMERA**



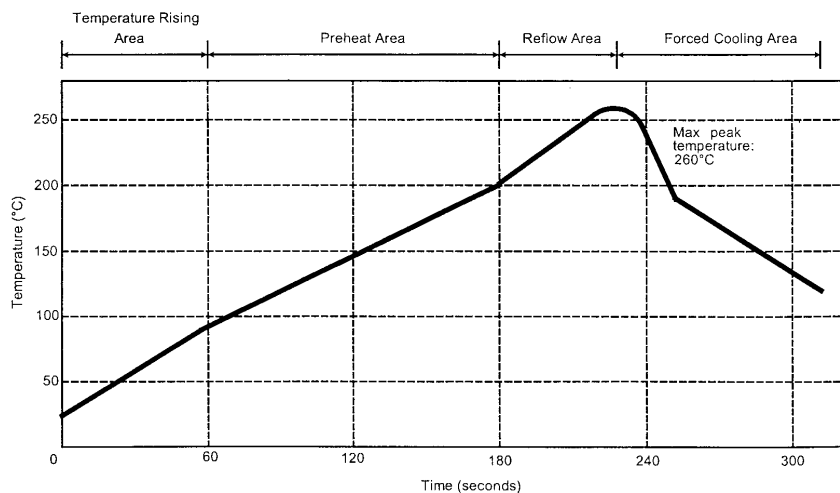
**ASPIRATION AREA**



## SOLDER PROCEDURE

1. Deposit solder paste 'SnAg4Cu0.5' on mounting zone by screen printing application. We recommend a low residue flux. We advise a thickness of 150 micromm ( 5.850 microinch ). Verify that the edges of the zone are clean.
2. Placement of the receptacle on the mounting zone with an automatic machine of 'pick and place' type.
3. Soldering by infra-red reflow.
4. Cleaning of printed circuit boards.
5. Checking of solder joints and position of the component by visual inspection.

## TEMPERATURE PROFILE



Parameter	Value	Unit
Temperature rising Area	1 - 4	°C/sec
Max Peak Temperature	260	°C
Max dwell time @260°C	10	sec
Min dwell time @235°C	20	sec
Max dwell time @235°C	60	sec
Temperature drop in cooling Area	-1 to - 4	°C/sec
Max dwell time above 100°C	420	sec