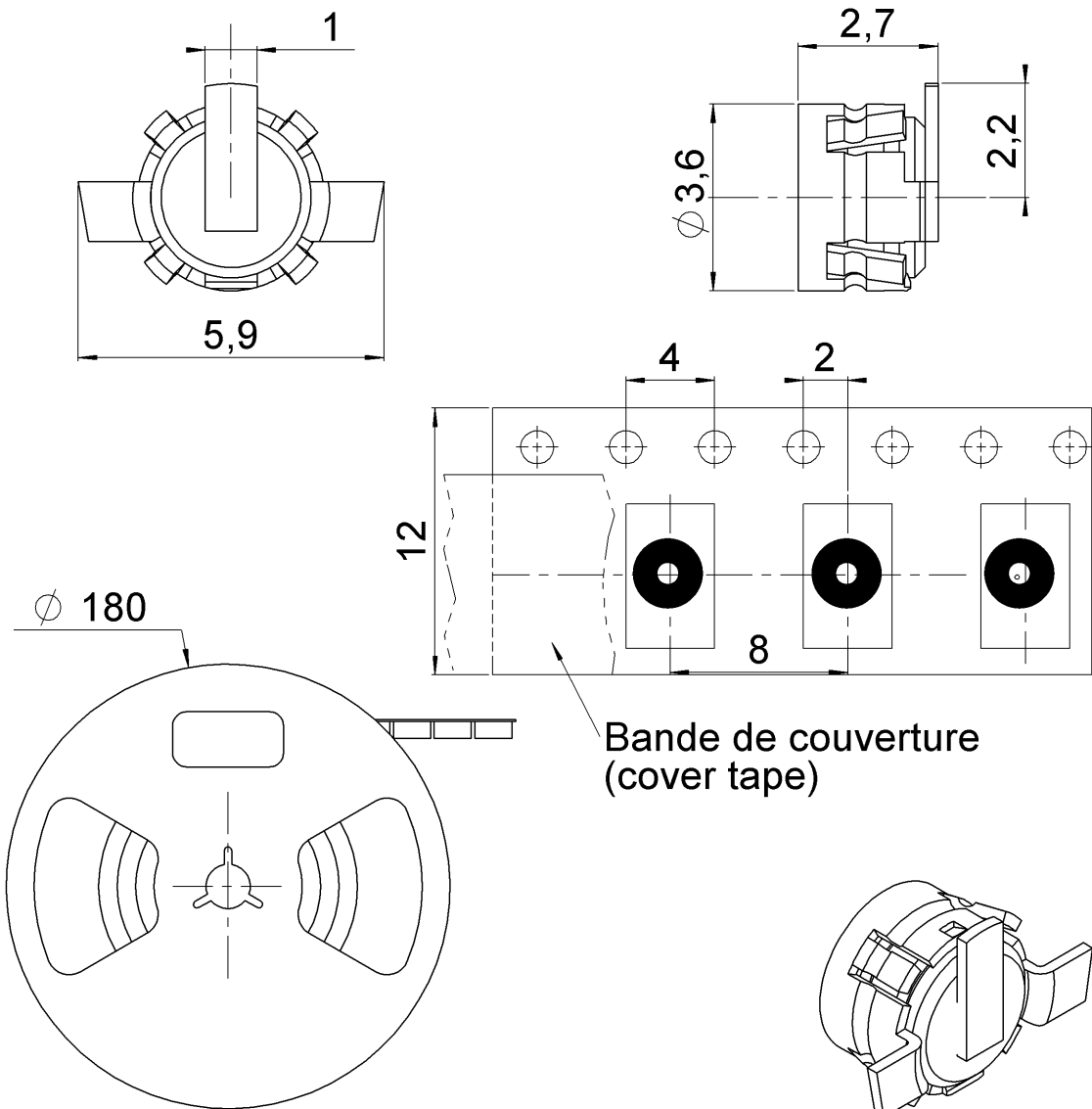


PAGE 1/4	ISSUE 23-02-16A	SERIES MMT	PART NUMBER R210408052
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All dimensions are in mm.

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

PAGE <b>2/4</b>	ISSUE <b>23-02-16A</b>	SERIES <b>MMT</b>	PART NUMBER <b>R210408052</b>
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**PACKAGING**

Standard	Unit	Other
<b>500</b>	<b>Contact us</b>	<b>Contact us</b>

**ELECTRICAL CHARACTERISTICS**

Impedance	<b>50</b>	$\Omega$
Frequency	<b>0-8</b>	GHz
VSWR	<b>1.10 + 0,0500</b>	x F(GHz) Maxi
Insertion loss	<b>0.20</b>	$\sqrt{F}$ (GHz) dB Maxi
RF leakage	- ( <b>NA</b> )	- F(GHz)) dB Maxi
Voltage rating	<b>170</b>	Veff Maxi
Dielectric withstanding voltage	<b>500</b>	Veff mini
Insulation resistance	<b>5000</b>	M $\Omega$ mini

**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
Clamp nut	<b>NA</b>	N.cm
A/F clamp nut	<b>0,0000</b>	mm
Mating life	<b>500</b>	Cycles mini
Weight	<b>0,1000</b>	g

**ENVIRONMENTAL**

Operating temperature	<b>-55/+100</b>	$^{\circ}\text{C}$
Hermetic seal	<b>NA</b>	Atm.cm3/s
Panel leakage	<b>NA</b>	

**SPECIFICATION**

**CABLE ASSEMBLY**

Stripping	a	b	c	d	e	f
mm	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

Assembly instruction:

Recommended cable(s)

Characteristics indicated on this data sheet are those that can be achieved with the highest performance cable. Intrinsic limitations of the cable may diminish the performance of the assembly

Cable retention

- pull off	<b>NA</b>	N mini
- torque	<b>NA</b>	N.cm

**TOOLING**

Part Number	Description	Hexagon
.	.	.

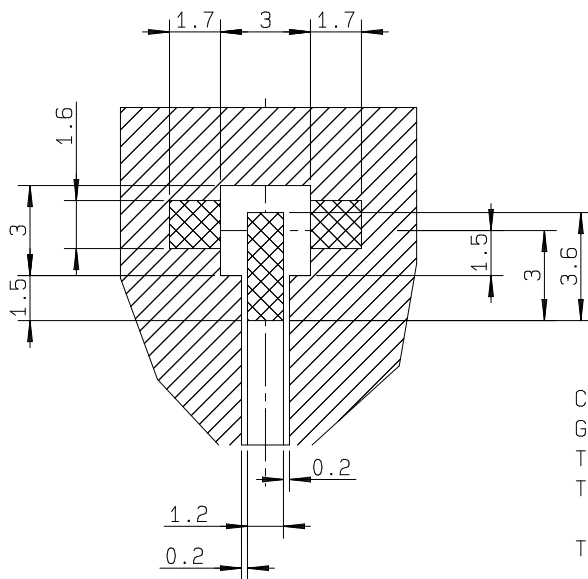
**OTHER CHARACTERISTICS**



**accoupt : 18Nmax / desacc. : 7Nmin**

PAGE 3/4	ISSUE 23-02-16A	SERIES MMT	PART NUMBER R210408052
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**MMT SERIES - INFORMATION**

ALL DIMENSIONS IN MM



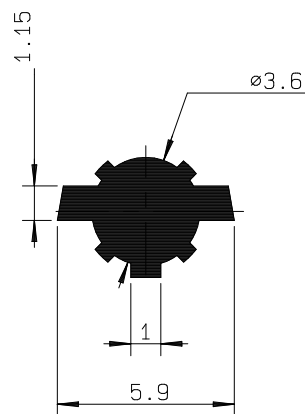
-  Pattern
-  Land for solder paste

**COPLANAR LINE**

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

ALL DIMENSIONS IN MM

**SHADOW OF MMT RECEPTACLE FOR VIDEO CAMERA**



PAGE 4/4	ISSUE 23-02-16A	SERIES MMT	PART NUMBER R210408052
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**SOLDER PROCEDURE OF MMT RECEPTACLE  
IN INDUSTRIAL ENVIRONMENT**

1 – Deposition of solder paste Sn Ag4 Cu0.5 on mounting zone by screen printing application.  
We recommend a Low Residue Solid Flux.

We advise a thickness of 200 microns (7.800 microinches). Verify that the edges of the printed zone are clean.

2 – Placement of the receptacle on the mounting zone with an automatic machine of « pick and place » type.

A video camera is recommended for positioning of the component. (see page 3)

Adhesive agents must not be used on the receptacle.

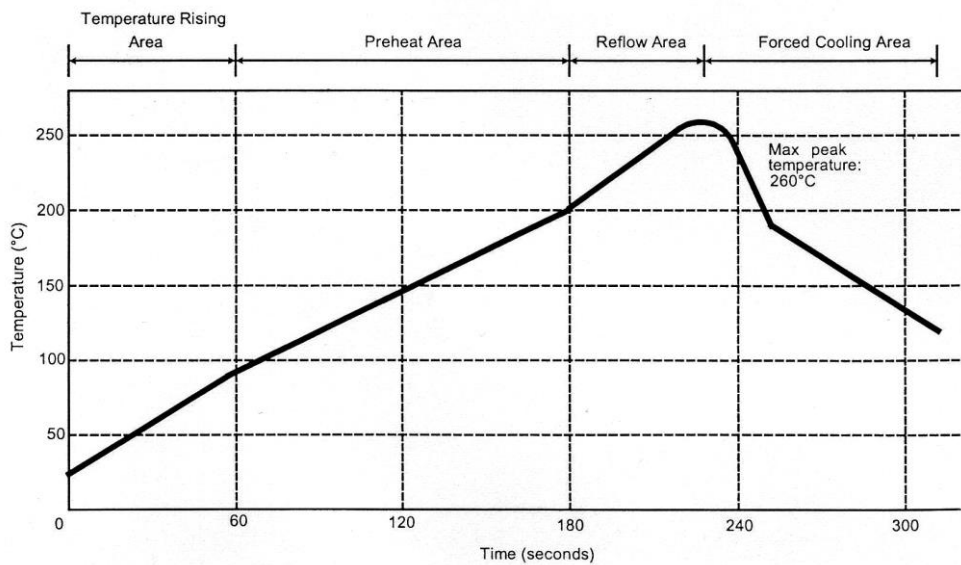
3 – Soldering by infra-red reflow.

Below, please find the typical profile to use.

4 – Cleaning of printed circuit boards

5 – Verification of solder joints and position of the component by visual inspection

**Note : The MMT receptacle and the MMT plug must not be mated before completion of this procedure.**



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

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