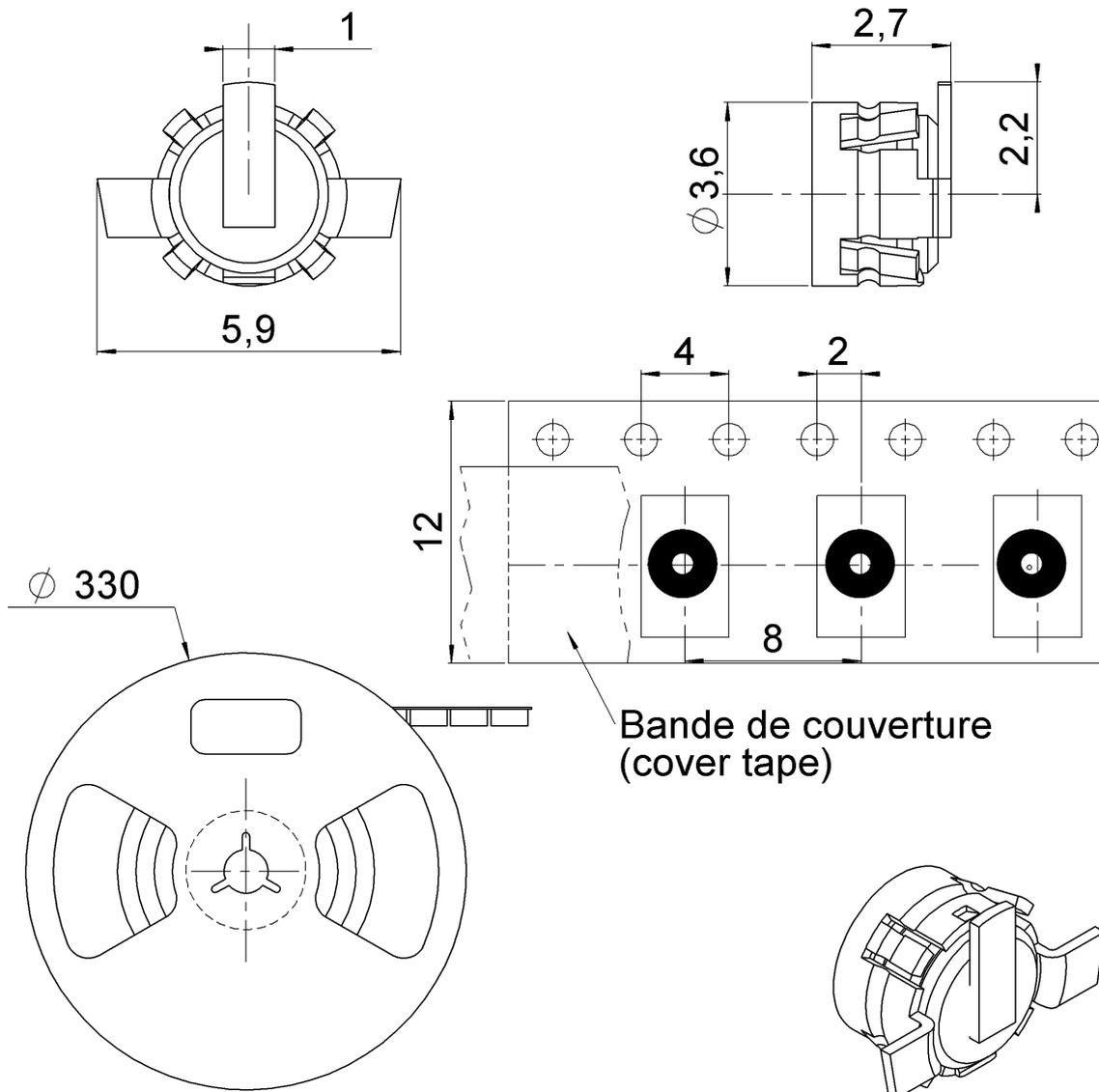


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All dimensions are in mm.

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	-	
-	-	
-	-	

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**PACKAGING**

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

**ELECTRICAL CHARACTERISTICS**

Impedance		<b>50</b>	Ω
Frequency		<b>0-8</b>	GHz
VSWR	<b>1.10</b>	<b>+</b>	<b>0,0500</b> x F(GHz) Maxi
Insertion loss		<b>0.20</b>	√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>	MΩ mini

**ENVIRONMENTAL**

Operating temperature	<b>-55/+100</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>500</b>	Cycles mini
Weight		<b>0,1000</b>	g

**SPECIFICATION**

**OTHER CHARACTERISTICS**

Assembly instruction:

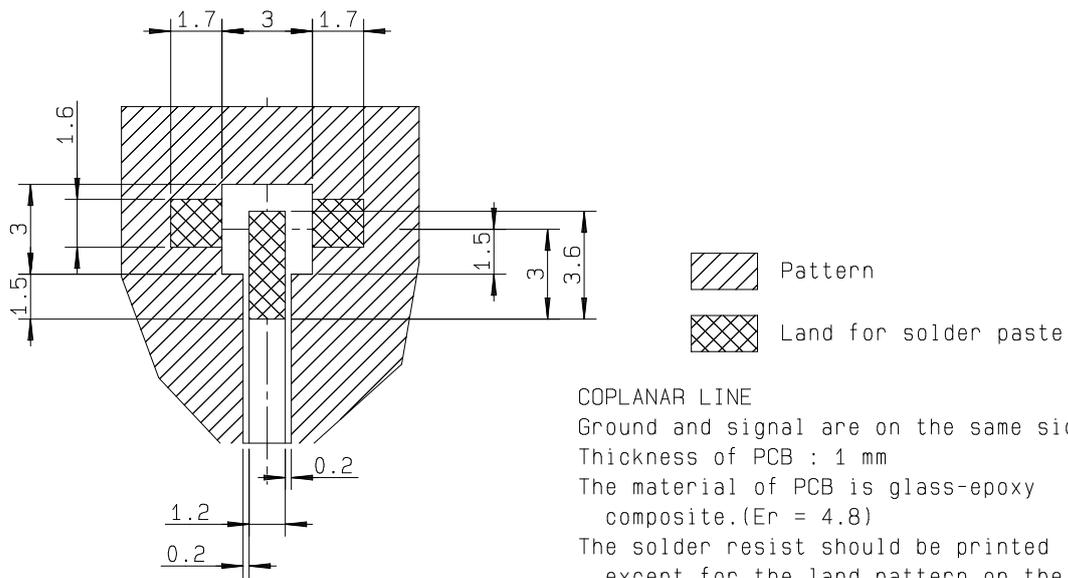
Others:

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

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**MMT SERIES - INFORMATION**

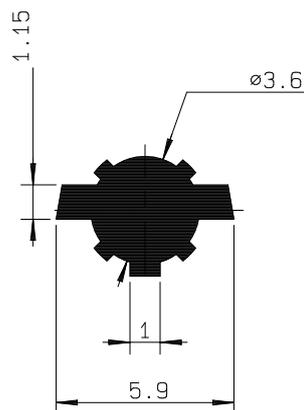
ALL DIMENSIONS IN MM



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

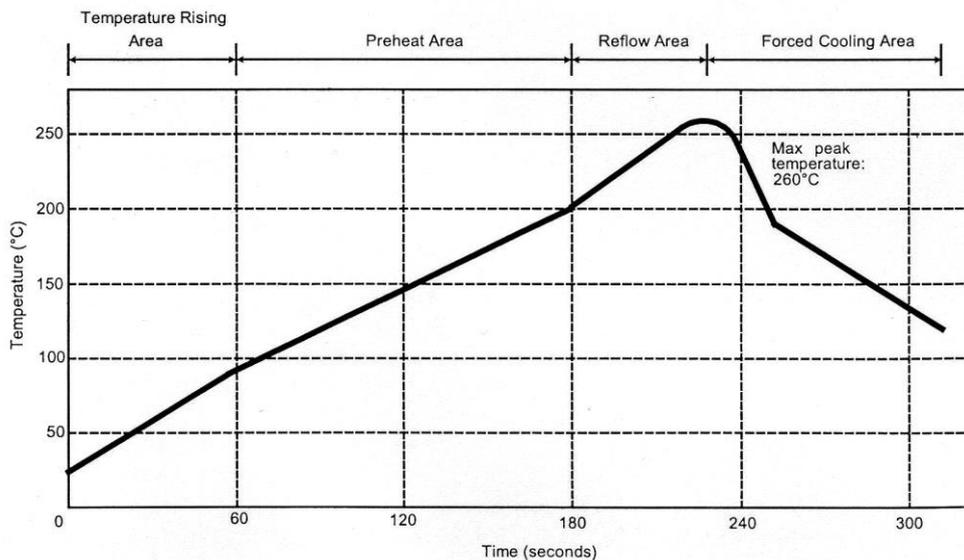
**SHADOW OF MMT RECEPTACLE FOR VIDEO CAMERA**



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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 prined 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



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