

EDGE-CARD RECEPTACLE
REEL OF 400
R199.005.800

Series : MC-CARD

PACKAGING

Standard	Unit	Other
400	'W' option	Contact us

SPECIFICATION
ELECTRICAL CHARACTERISTICS

Impedance	50	Ω
Frequency	0-8	GHz
VSWR	1.15 + 0,0150	x F(GHz) Maxi
Insertion loss	.07	$\sqrt{F}(\text{GHz})$ dB Maxi
RF leakage	- (- F(GHz)) dB Maxi
Voltage rating	170	Veff Maxi
Dielectric withstanding voltage	500	Veff mini
Insulation resistance	5000	M Ω mini

ENVIRONMENTAL

Operating temperature	-65/+165	$^{\circ}\text{C}$
Hermetic seal	NA	Atm.cm3/s
Panel leakage	NA	

OTHERS CHARACTERISTICS

Assembly instruction

Others :

-

MECHANICAL CHARACTERISTICS

Center contact retention	
Axial force – Mating end	10 N mini
Axial force – Opposite end	10 N mini
Torque	NA N.cm mini
Recommended torque	
Mating	NA N.cm
Panel nut	NA N.cm
Mating life	5000 Cycles mini
Weight	0,2470 g

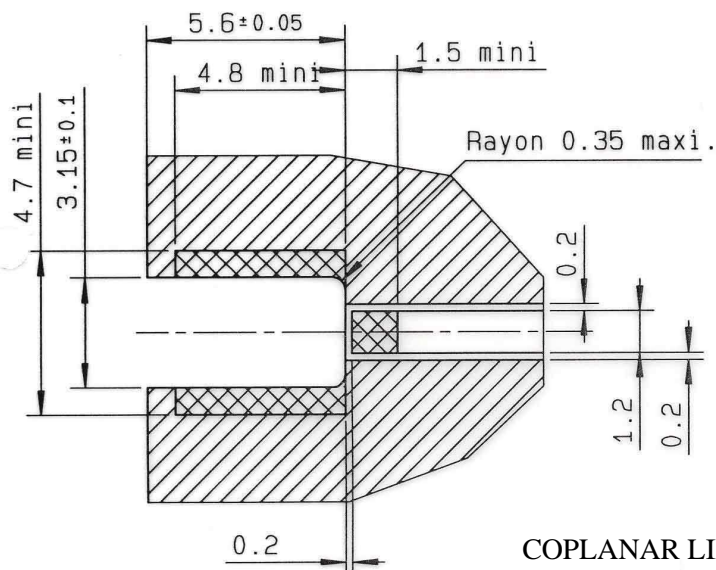
Issue : 1101 F

In the effort to improve our products, we reserve the right to make changes judged to be necessary.



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INFORMATIONS

Pattern

Land for solder paste

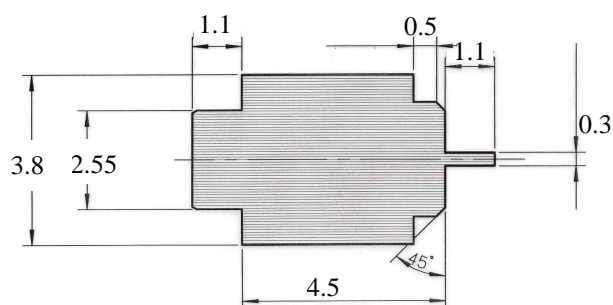
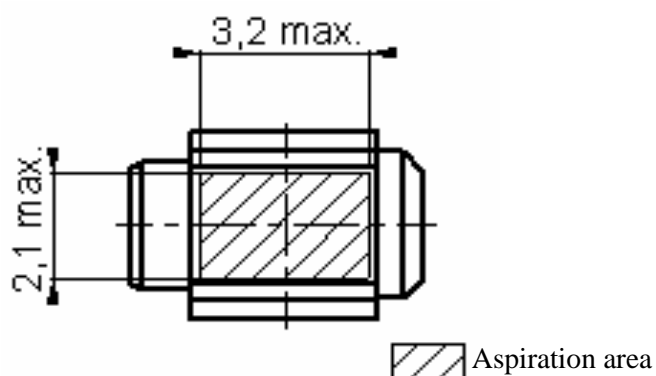
COPLANAR LINE :

Ground and signal are on the same side

Thickness of PCB : 1 mm

The material of PCB is glass-epoxy composi.(Er = 4.8)

The solder resist should be printed except for the land pattern on the PCB.

**SHADOW OF RECEPACLE
FOR VIDEO CAMERA****ASPIRATION AREA****Issue : 1101 F**

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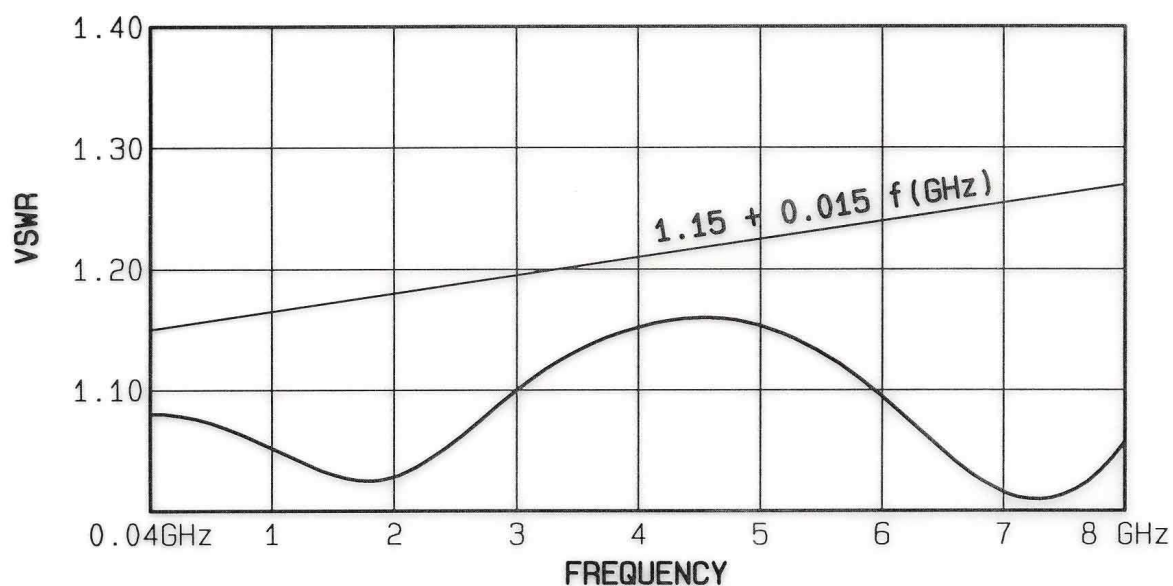
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R199 005 504
CONNECTED WITH
R199 005 200

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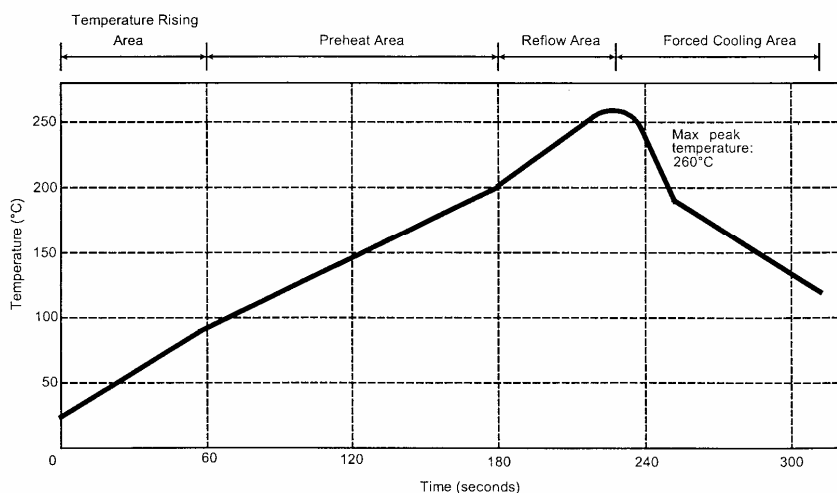


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SOLDER PROCEDURE

1. Deposition of solder paste 'SnAg4Cu0.5' on mounting zone by screen printing application.
We recommend a low residue flux.
We advise a thickness of 150 microns (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.
Video camera is recommended for the positioning of the component. Adhesive agents must not be used on the receptacle.
3. This process of soldering has been tested with convection oven.
Below please find, the typical profile to use.
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

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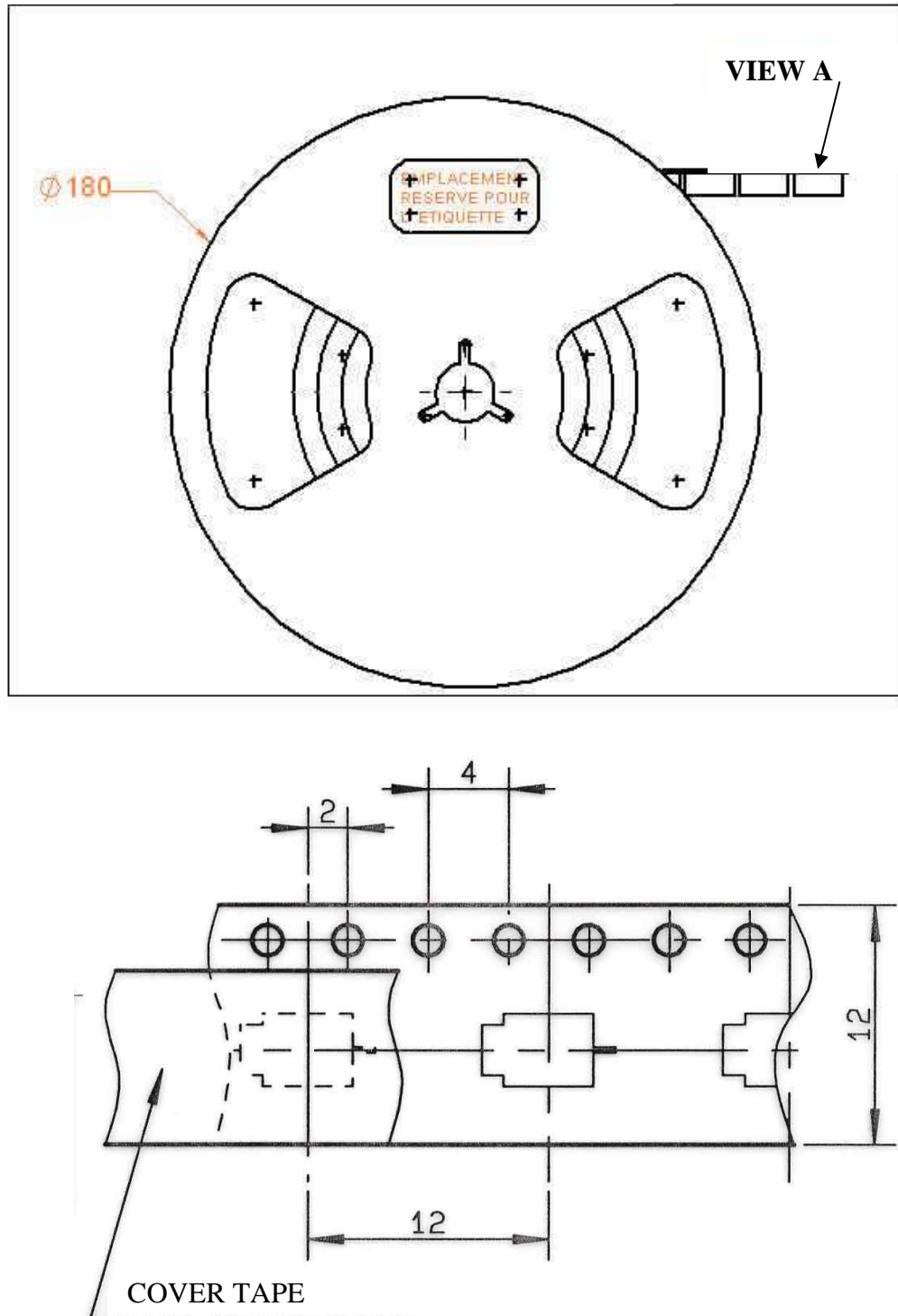
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MC-CARD SERIES INFORMATION

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