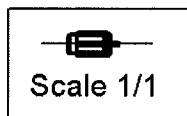
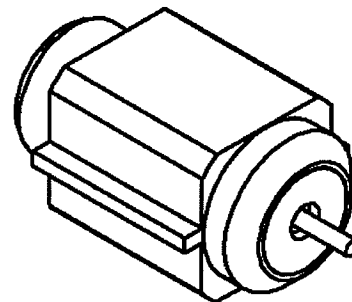
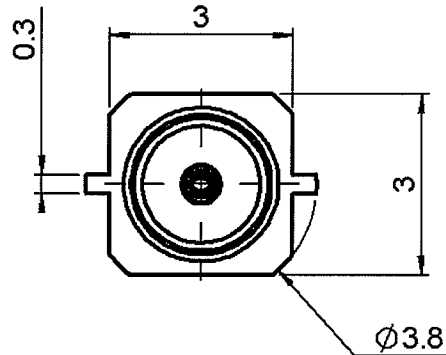
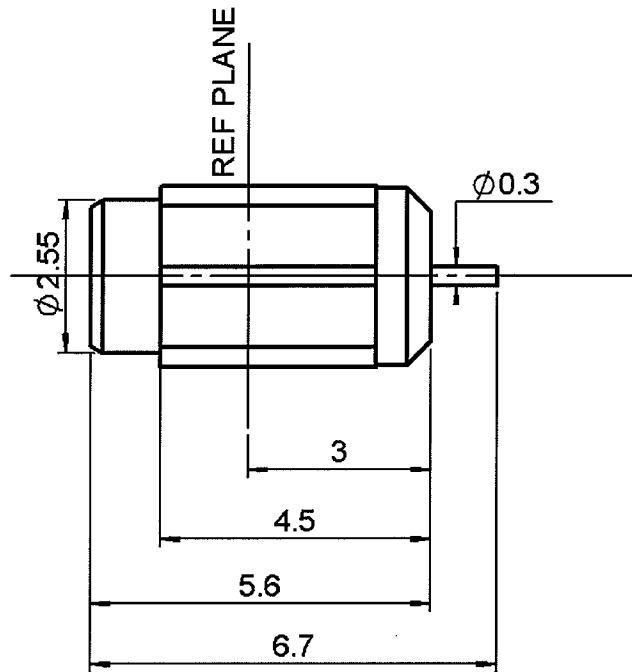


EDGE-CARD RECEPTACLE

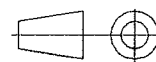
REEL OF 400

R199.005.800

Series : MC-CARD



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATINGS (µm)
BODY	BRASS	GOLD 0.2 OVER NICKEL 2
CENTER CONTACT	BERYLLIUM COPPER	GOLD 0.8 OVER NICKEL 2
OUTER CONTACT	-	-
INSULATOR	PTFE	-
GASKET	-	-
OTHERS PARTS	-	-
-	-	-
-	-	-

Issue : 0420 F

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



EDGE-CARD RECEPTACLE

R199.005.800

REEL OF 400

Series : MC-CARD

PACKAGING

SPECIFICATION

Standard	Unit	Other
400	'W' option	Contact us

ELECTRICAL CHARACTERISTICS

ENVIRONMENTAL

Impedance **50** Ω
 Frequency **0-8** GHz
 VSWR **1.15 + 0.015** x F(GHz) Maxi
 Insertion loss **.07** √F(GHz) dB Maxi
 RF leakage - (- - F(GHz)) dB Maxi
 Voltage rating **170** Veff Maxi
 Dielectric withstanding voltage **500** Veff mini
 Insulation resistance **5000** MΩ mini

Operating temperature **-65/+165** ° 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 **0.270** g

Issue : 0420 F

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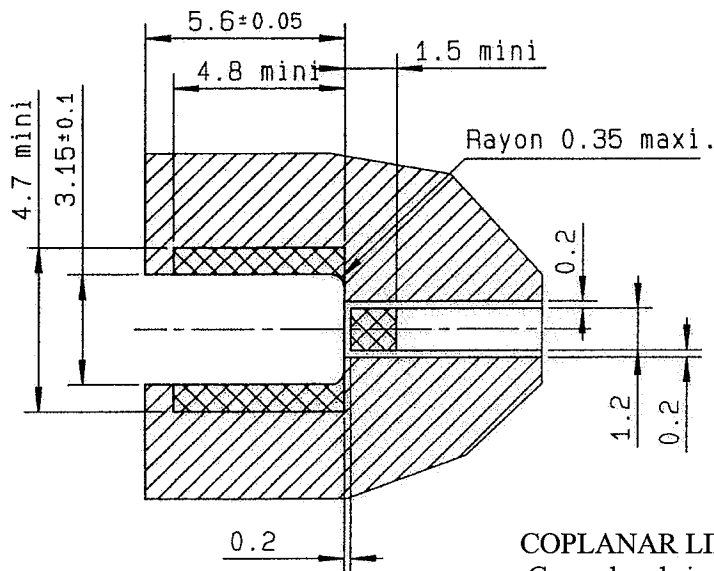
EDGE-CARD RECEPTACLE

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REEL OF 400

Series : MC-CARD

INFORMATIONS



COPLANAR LINE :

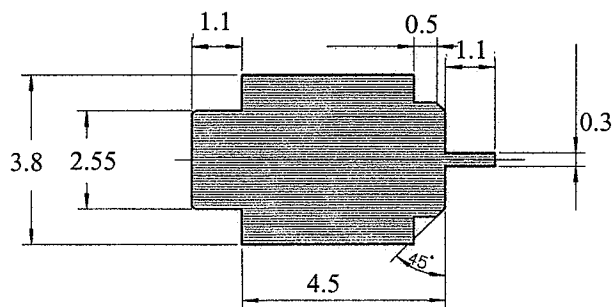
Ground and signal are on the same side

Thickness of PCB : 1 mm

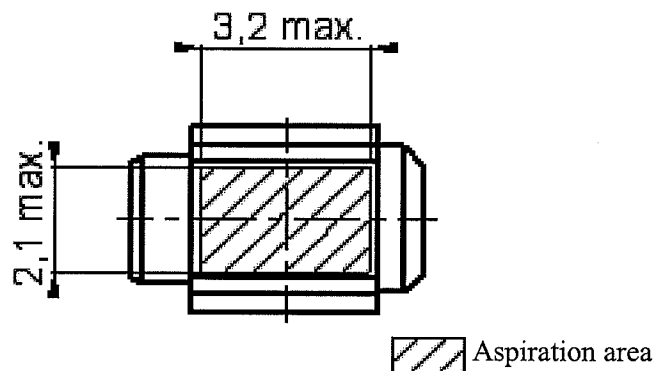
The material of PCB is glass-epoxy composi.(Er = 4.8)

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

SHADOW OF RECEPTACLE FOR VIDEO CAMERA



ASPIRATION AREA



Issue : 0420 F

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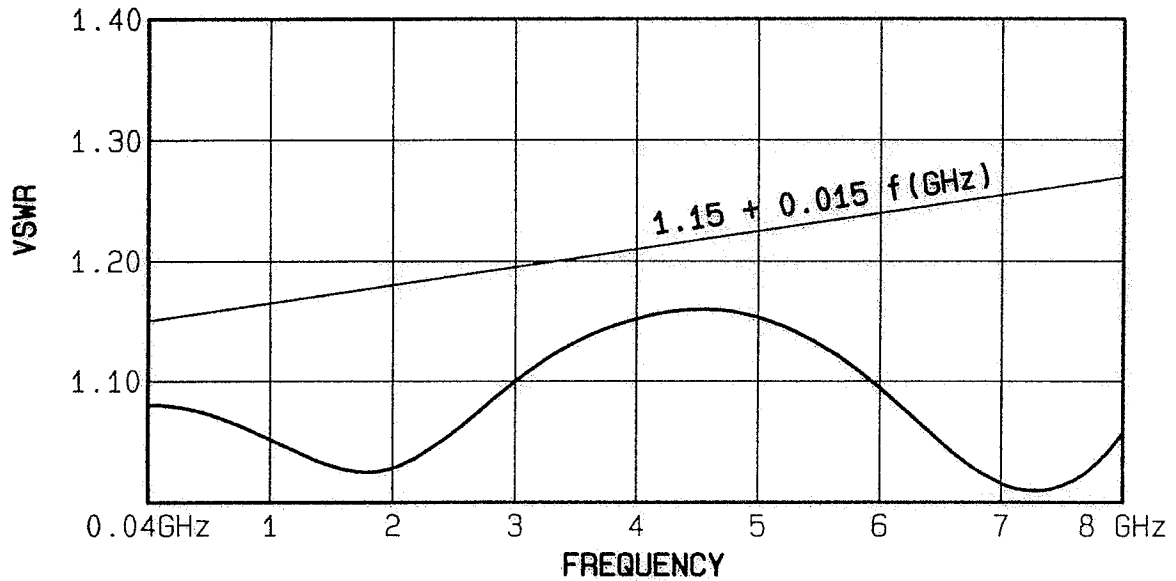
EDGE-CARD RECEPTACLE

R199.005.800

REEL OF 400

Series : MC-CARD

R199 005 504
 CONNECTED WITH
 R199 005 200



Issue : 0420 F

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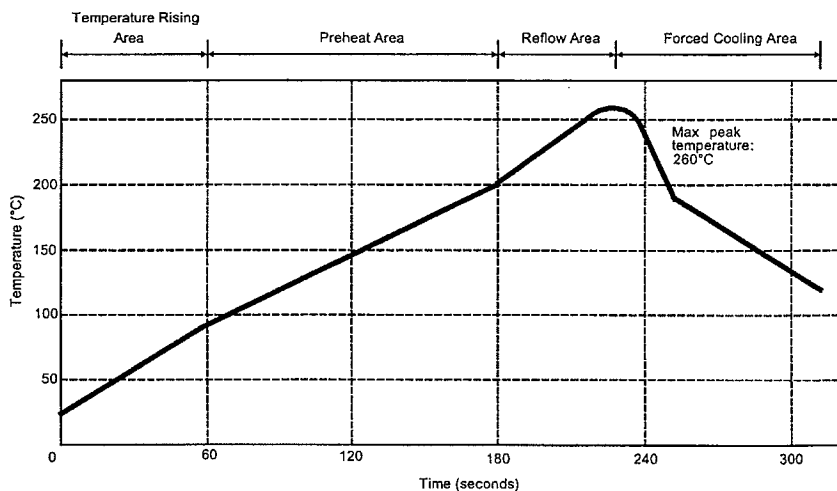
REEL OF 400

Series : MC-CARD

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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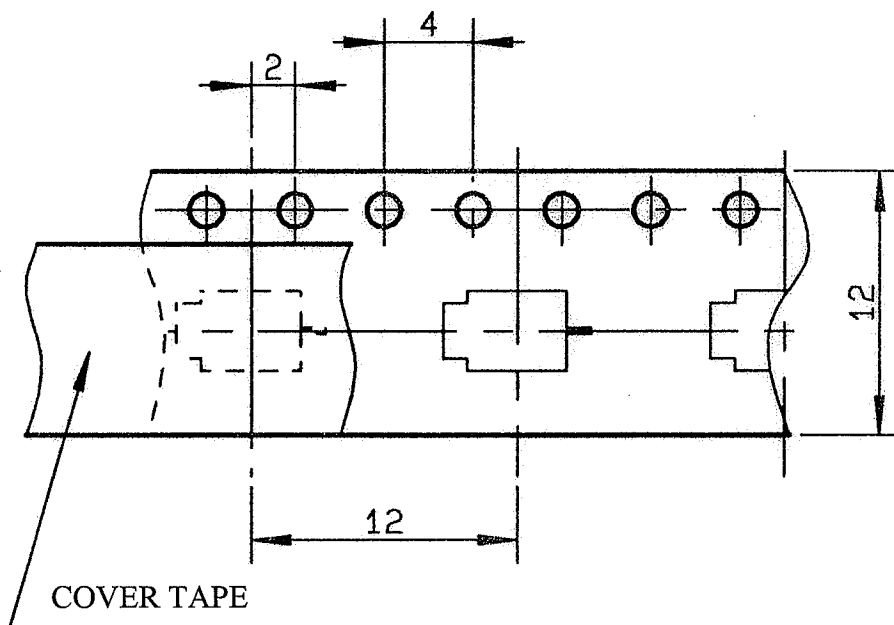
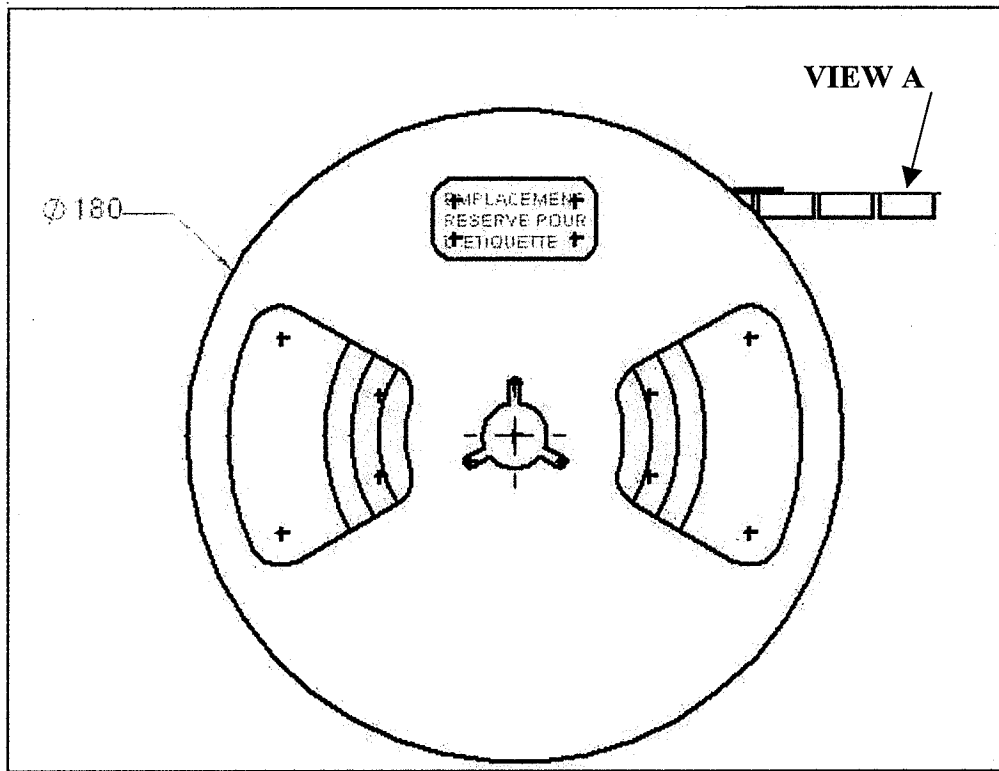
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Series : MC-CARD

MC-CARD SERIES INFORMATION



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