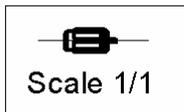
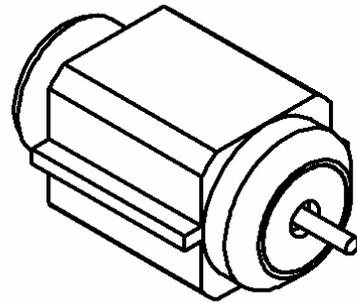
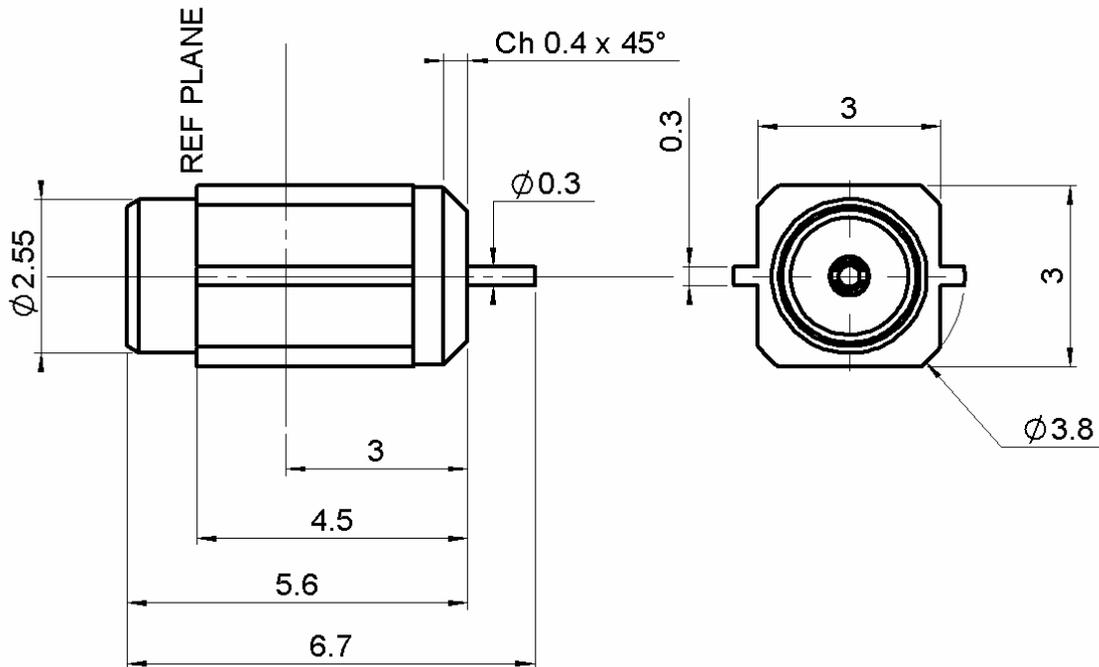


EDGE-CARD RECEPTACLE

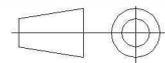
R199.005.800

REEL OF 400

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 : 1101 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

Impedance	50	Ω
Frequency	0-8	GHz
VSWR	1.15 + 0,0150	x F(GHz) Maxi
Insertion loss	.07	\sqrt{F} (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	$^{\circ}$ C
Hermetic seal	NA	Atm.cm ³ /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

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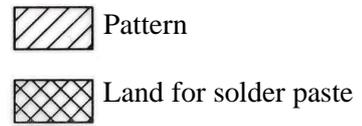
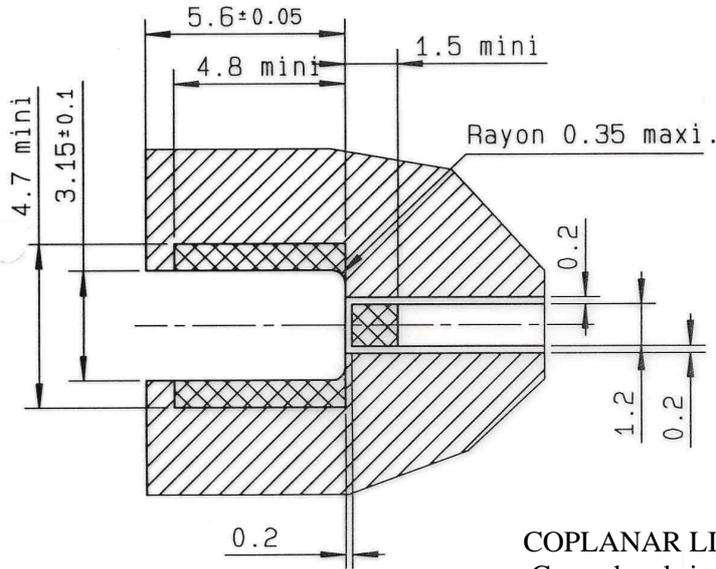
EDGE-CARD RECEPTACLE

REEL OF 400

R199.005.800

Series : MC-CARD

INFORMATIONS



COPLANAR LINE :

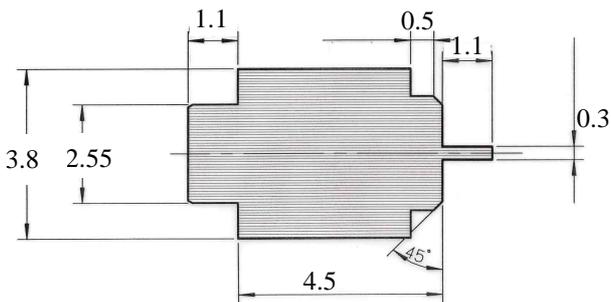
Ground and signal are on the same side

Thickness of PCB : 1 mm

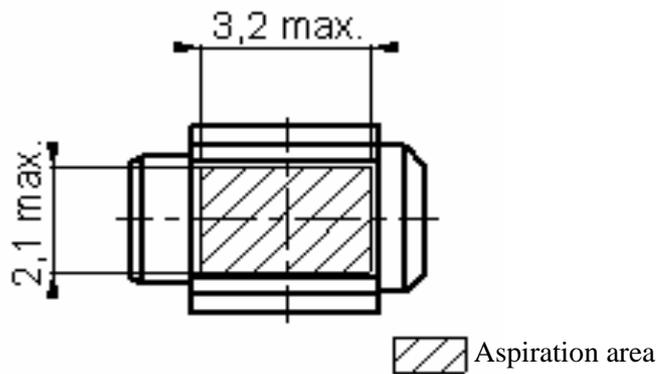
The material of PCB is glass-epoxy composi.(Er = 4.8)

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

SHADOW OF RECEPTACLE FOR VIDEO CAMERA



ASPIRATION AREA



Issue : 1101 F

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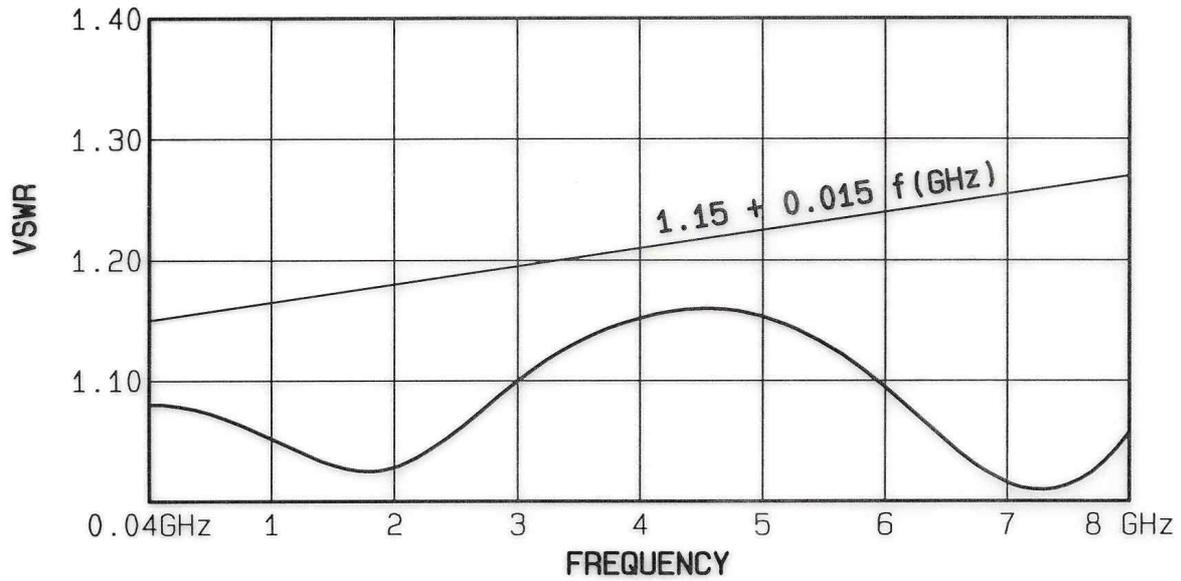
EDGE-CARD RECEPTACLE

R199.005.800

REEL OF 400

Series : MC-CARD

R199 005 504
 CONNECTED WITH
 R199 005 200



Issue : 1101 F

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EDGE-CARD RECEPTACLE

R199.005.800

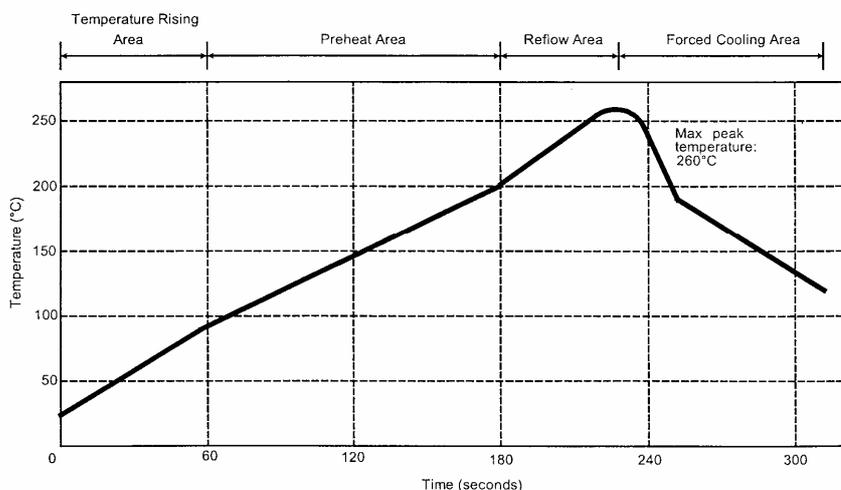
REEL OF 400

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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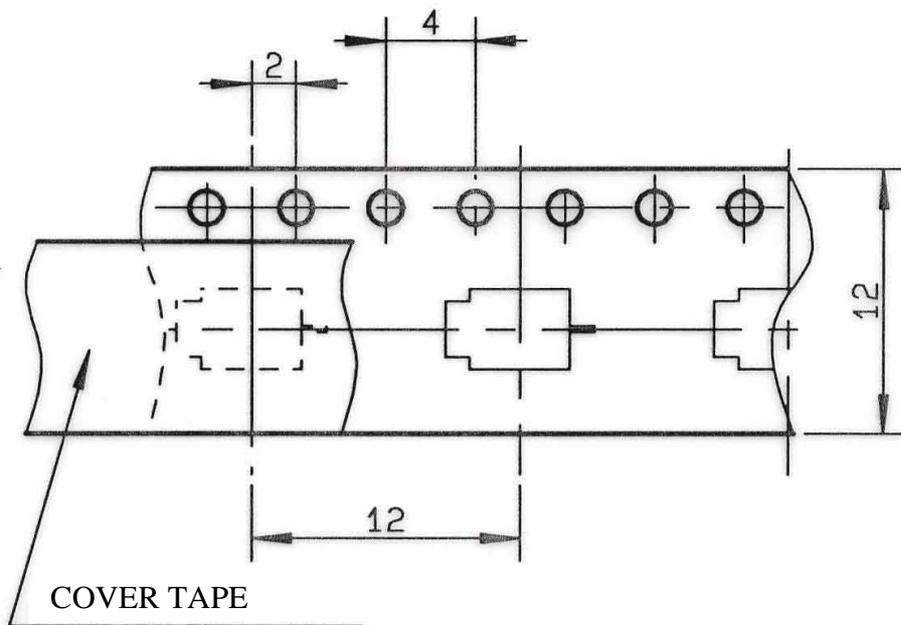
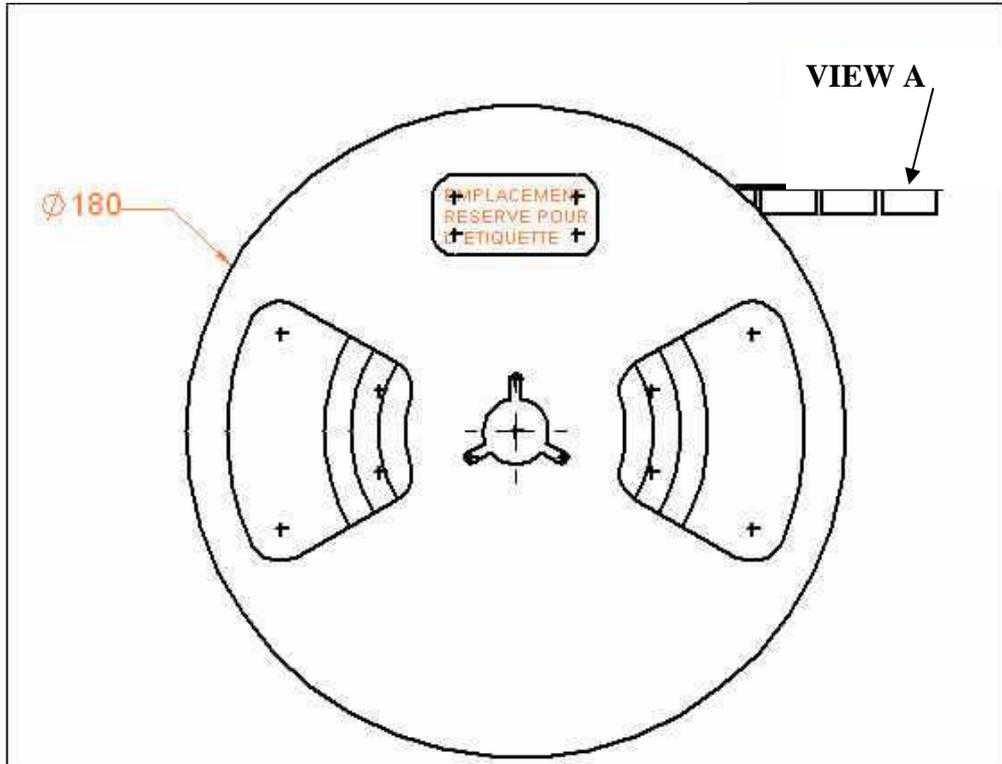
EDGE-CARD RECEPTACLE

R199.005.800

REEL OF 400

Series : MC-CARD

MC-CARD SERIES INFORMATION



Issue : 1101 F

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Данный компонент на территории Российской Федерации

Вы можете приобрести в компании MosChip.

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

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