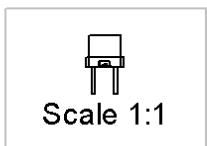
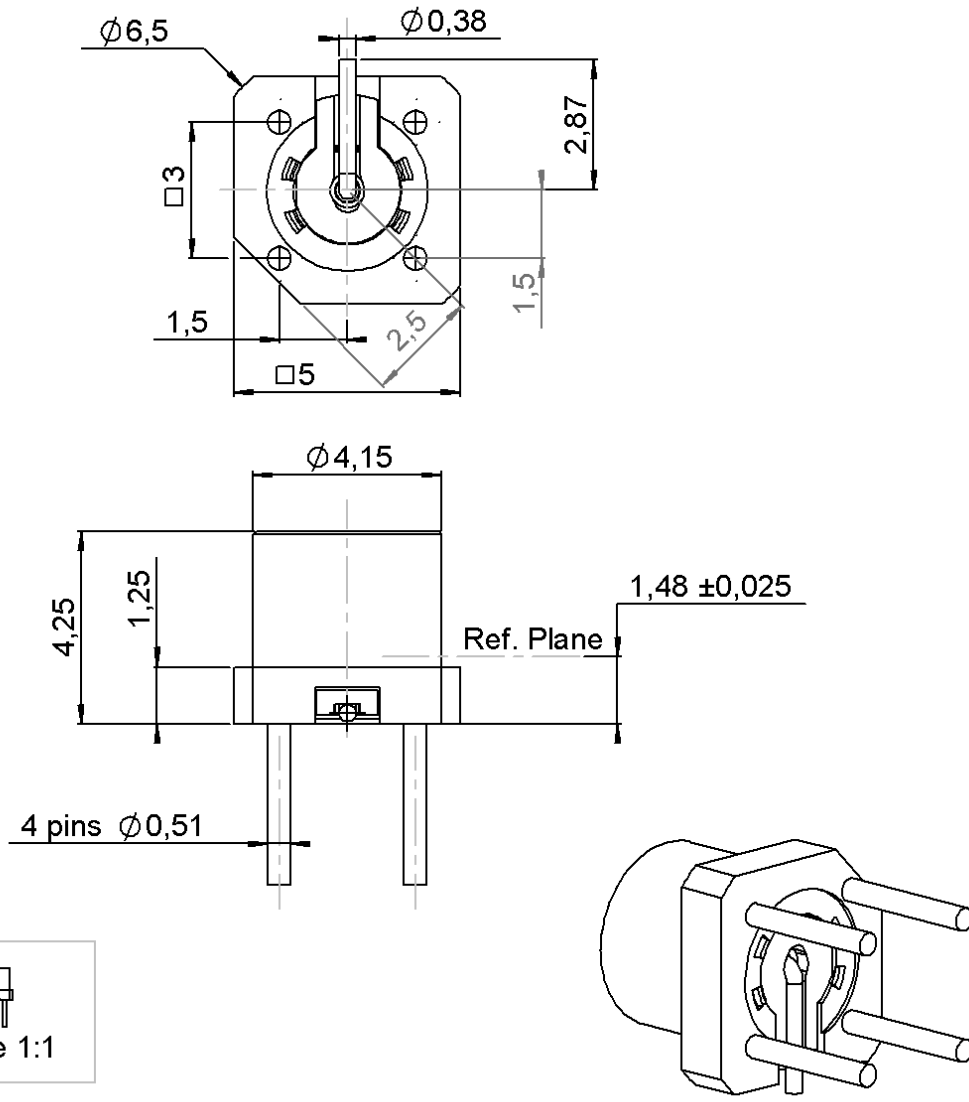


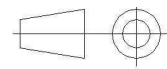
STRAIGHT MALE RECEPTACLE PIN IN PASTE
LIMITED DETENT-TAPE AND REEL BY 500

R222.940.300

Series : SMP-COM



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING (µm)
BODY	BRASS	NPGR
CENTER CONTACT	BRASS	NPGR
OUTER CONTACT	-	-
INSULATOR	PEEK	-
GASKET	-	-
OTHERS PARTS	-	-
-	-	-
-	-	-

Issue : 1121 C

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



STRAIGHT MALE RECEPTACLE PIN IN PASTE

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PACKAGING

SPECIFICATION

Standard	Unit	Other
500		Contact us

ELECTRICAL CHARACTERISTICS

ENVIRONMENTAL

Impedance **50** Ω
 Frequency **0-12.4*** GHz
 VSWR **1.1** + 0,0000** x F(GHz) Maxi
 Insertion loss **0.12** √F(GHz) dB Maxi
 RF leakage - (**NA** - F(GHz)) dB Maxi
 Voltage rating **335** Veff Maxi
 Dielectric withstanding voltage **500** Veff mini
 Insulation resistance **5000** MΩ mini

Operating temperature **-55/+125** ° C
 Hermetic seal **NA** Atm.cm3/s
 Panel leakage **NA**

OTHER CHARACTERISTICS

Assembly instruction **NA**

Others :

* ROS 1.35 at 12.4Ghz

**ROS at 6GHz

MECHANICAL CHARACTERISTICS

Center contact retention
 Axial force – Mating end **6.8** N mini
 Axial force – Opposite end **6.8** N mini
 Torque **NA** N.cm mini

Recommended torque
 Mating **NA** N.cm
 Panel nut **NA** N.cm

Mating life **100** Cycles mini
 Weight **0,3610** g

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STRAIGHT MALE RECEPTACLE PIN IN PASTE
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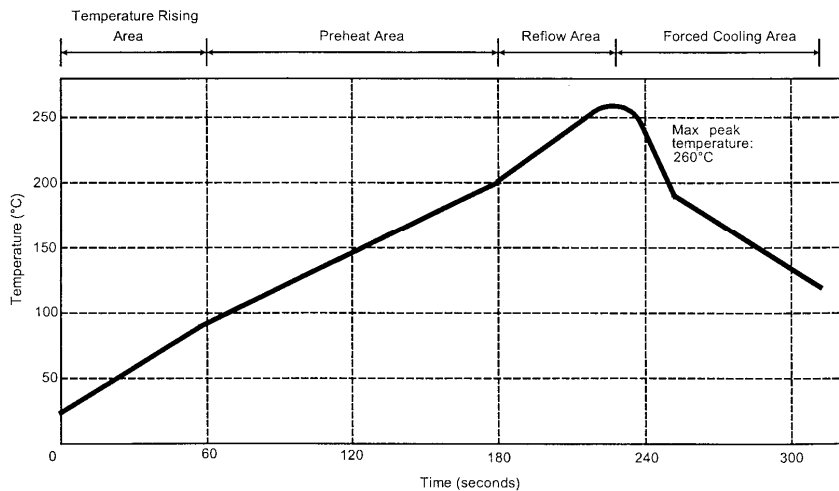
R222.940.300

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SOLDER PROCEDURE

1. Deposit solder paste ‘SnAg4Cu0.5’ on mounting zone by screen printing application. We recommend a low residue flux.
We advise a thickness of 150 micromm (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. A video camera is recommended for 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. The cleaning of printed circuit boards is not obliged .
5. Verification 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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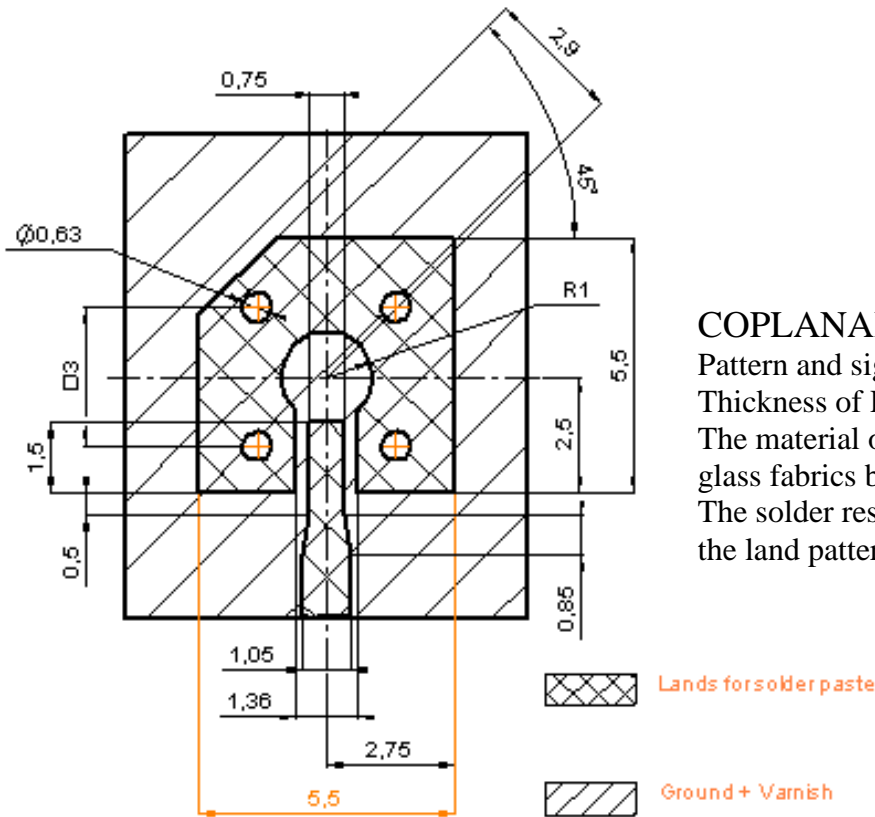


STRAIGHT MALE RECEPTACLE PIN IN PASTE
LIMITED DETENT-TAPE AND REEL BY 500

R222.940.300

Series : SMP-COM

STANDARD PAD(F or ROGERS 4350)



COPLANAR LINE

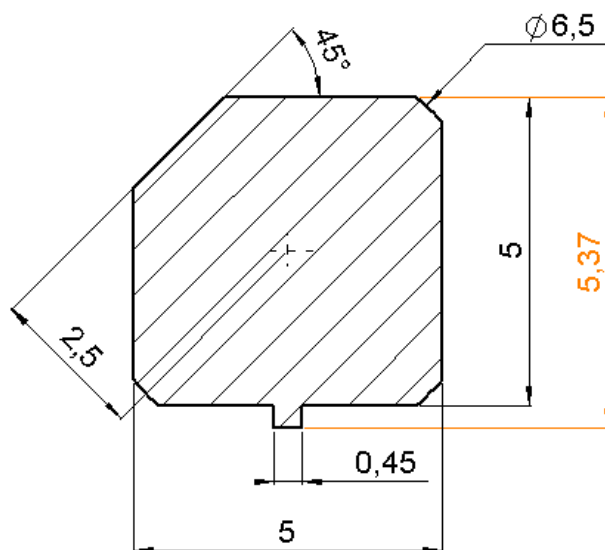
Pattern and signal are on the same side.

Thickness of PCB : 1.6mm

The material of PCB is the epoxy resin of glass fabrics bacs (ER:4.8).

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

SHADOW OF RECEPTACLE FOR VIDEO CAMERA



Issue : 1121 C

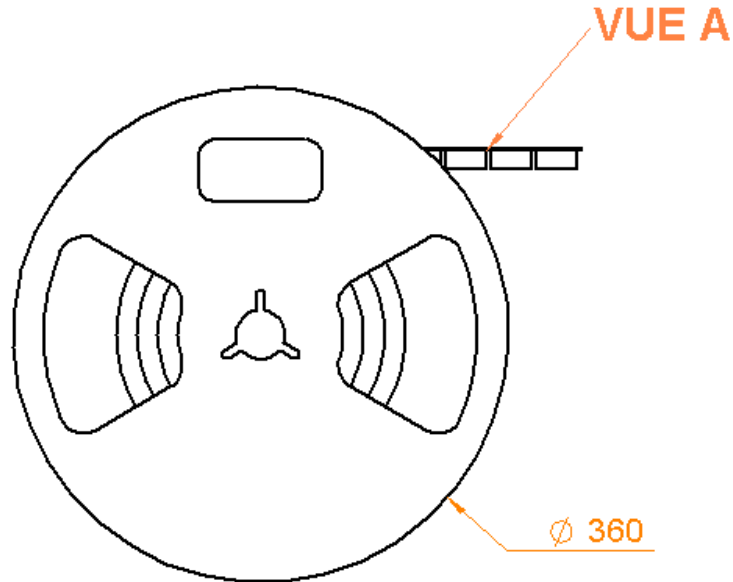
In the effort to improve our products, we reserve the right to make changes judged to be necessary.



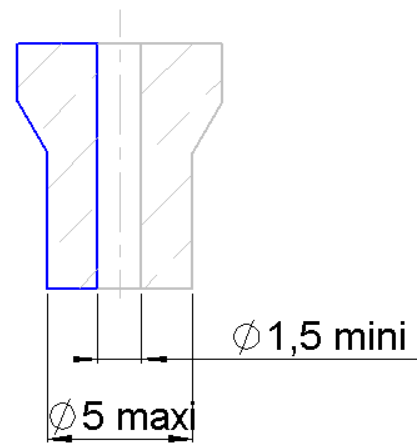
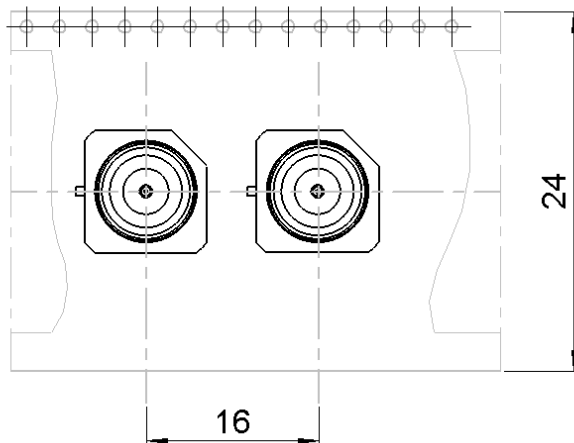
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AIR SUNCTION



Issue : 1121 C

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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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