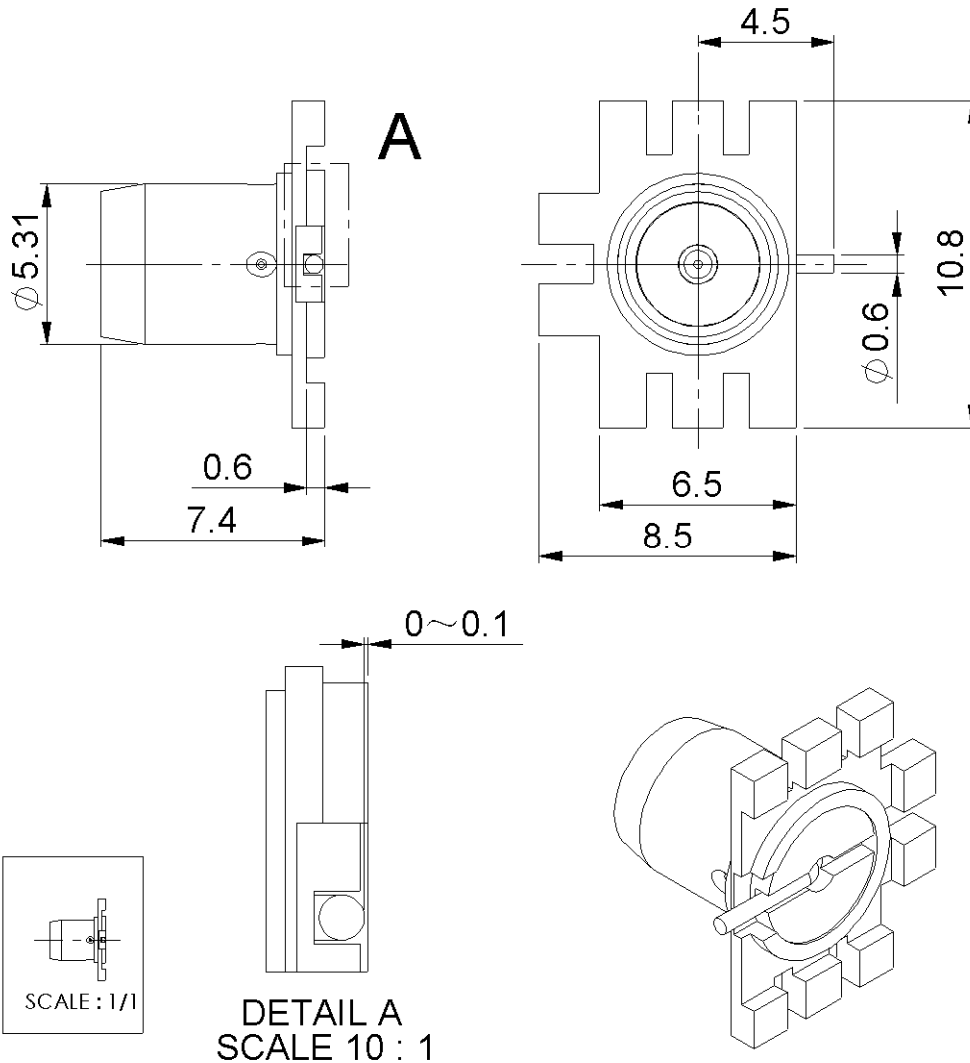


**SMT STRAIGHT PLUG RECEPTACLE**

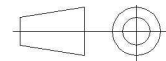
**PACKAGING PER 250**

**R128.424.860**

Series : **BMA-COM**



All dimensions are in mm.



| COMPONENTS            | MATERIALS    | PLATING (μm)                  |
|-----------------------|--------------|-------------------------------|
| <b>BODY</b>           | <b>BRASS</b> | <b>NPGR</b>                   |
| <b>CENTER CONTACT</b> | <b>BRASS</b> | <b>GOLD 0.5 OVER NICKEL 2</b> |
| <b>OUTER CONTACT</b>  |              |                               |
| <b>INSULATOR</b>      | <b>PTFE</b>  |                               |
| <b>GASKET</b>         |              |                               |
| <b>OTHERS PARTS</b>   |              |                               |
| .                     | .            | .                             |
| .                     | .            | .                             |

**Issue : 0935 B**

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

**RADIAL** 

**SMT STRAIGHT PLUG RECEPTACLE****PACKAGING PER 250****R128.424.860**Series : **BMA-COM****PACKAGING**

| Standard   | Unit              | Other             |
|------------|-------------------|-------------------|
| <b>250</b> | <b>‘W’ option</b> | <b>Contact us</b> |

**SPECIFICATION****ELECTRICAL CHARACTERISTICS**

|                                 |                       |                                |
|---------------------------------|-----------------------|--------------------------------|
| Impedance                       | <b>50</b>             | $\Omega$                       |
| Frequency                       | <b>0-22</b>           | GHz                            |
| VSWR                            | <b>1.02* + 0.0500</b> | x F(GHz) Maxi                  |
| Insertion loss                  | <b>0.07</b>           | $\sqrt{F}(\text{GHz})$ dB Maxi |
| RF leakage                      | - ( <b>NA</b> )       | - F(GHz)) dB Maxi              |
| Voltage rating                  | <b>350</b>            | Veff Maxi                      |
| Dielectric withstanding voltage | <b>1000</b>           | Veff mini                      |
| Insulation resistance           | <b>5000</b>           | M $\Omega$ mini                |

**ENVIRONMENTAL**

|                       |                 |                    |
|-----------------------|-----------------|--------------------|
| Operating temperature | <b>-65/+125</b> | $^{\circ}\text{C}$ |
| Hermetic seal         | <b>NA</b>       | Atm.cm3/s          |
| Panel leakage         | <b>NA</b>       |                    |

**OTHER CHARACTERISTICS**Assembly instruction **NA**

Others :

\*VSWR: 0~3 GHz

**MECHANICAL CHARACTERISTICS**

|                            |                        |
|----------------------------|------------------------|
| Center contact retention   |                        |
| Axial force – Mating end   | <b>8</b> N             |
| Axial force – Opposite end | <b>8</b> N             |
| 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>1.0180</b> g        |

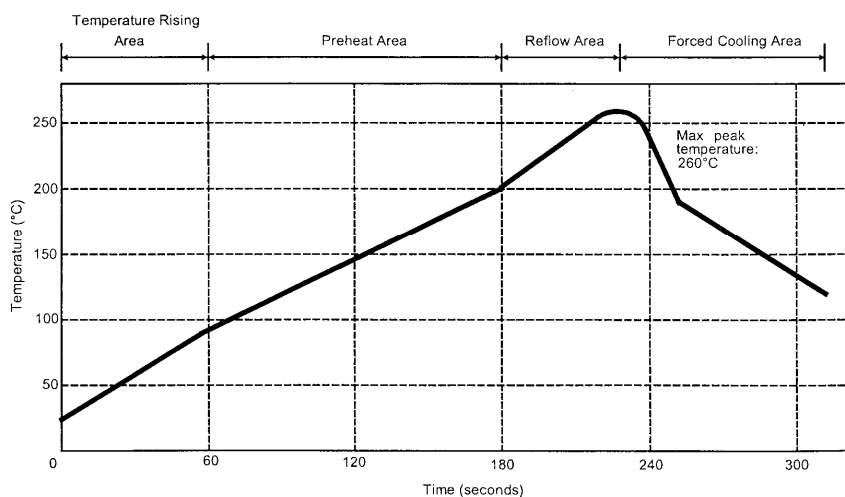
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**SMT STRAIGHT PLUG RECEPTACLE****PACKAGING PER 250****R128.424.860****Series : BMA-COM****SOLDER PROCEDURE**

1. Deposition of solder paste 'Sn Ag4 Cu0.5' on mounting zone by screen printing application. We recommend a low residue flux.  
We advise a thickness of 150 microns ( 5.85 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. Soldering by infra-red reflow.  
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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Technical drawing of a microchip package layout. The drawing shows a central circular pad with a diameter of 6.8 mm. Surrounding this pad are six rectangular pads, each with a width of 3.1 mm and a height of 2 mm. The distance between the centers of these pads is 6.8 mm. The overall dimensions of the package are 11.2 mm by 11.2 mm. The drawing includes a legend indicating that the solid black areas represent the 'Land for solder paste' and the cross-hatched areas represent the 'Pattern'. The drawing also shows a central circular pad with a diameter of 6.8 mm, a central circular pad with a diameter of 6.8 mm, and a central circular pad with a diameter of 6.8 mm. The drawing includes a legend indicating that the solid black areas represent the 'Land for solder paste' and the cross-hatched areas represent the 'Pattern'.

Legend:

- Land for solder paste
- Pattern

COPLANAR LINE

Pattern and signal are on the same layer.

Thickness of PCB : 1.6mm

The material of PCB is the epoxy glass fabrics backs.(En -4.8)

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

Technical drawing of a mechanical part with the following dimensions:

- Overall height: 10.5
- Overall width: 8.5
- Left side features a vertical slot with a width of 1.25.
- Right side features a vertical slot with a width of 2.
- Top and bottom edges have semi-circular protrusions and indentations.
- A dimension of 4.5 is indicated on the right side, likely representing the height of the rightmost section.

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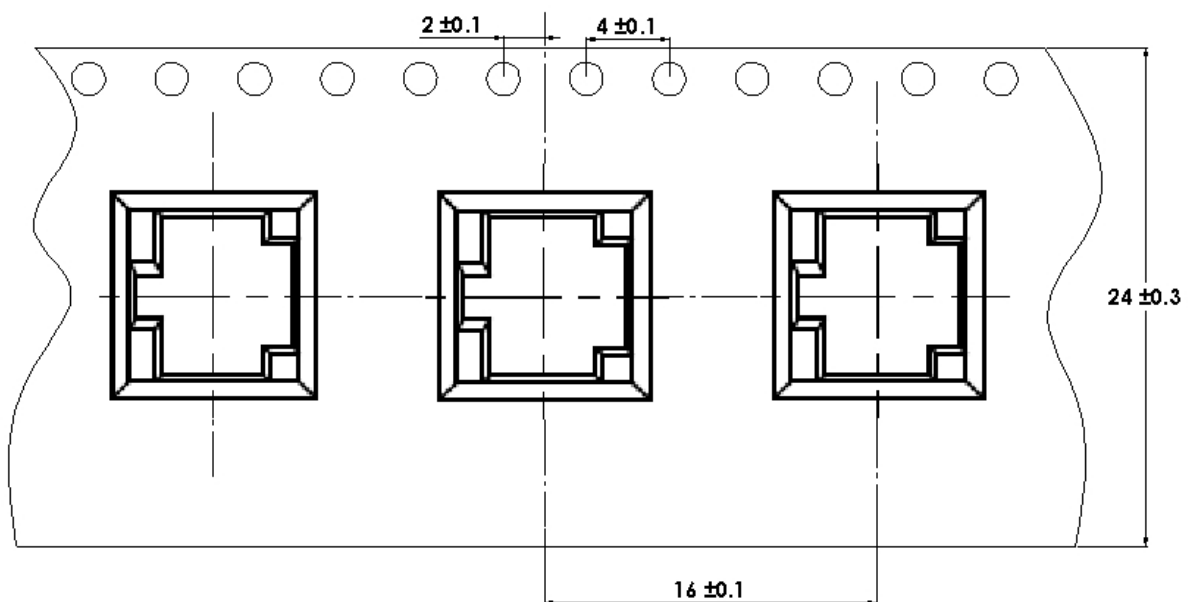
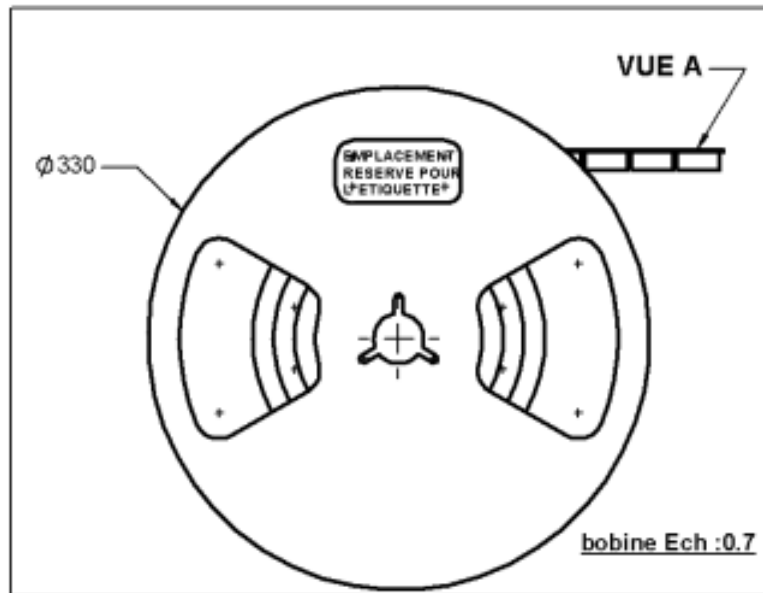
RADIAL 

## SMT STRAIGHT PLUG RECEPTACLE

PACKAGING PER 250

**R128.424.860**

Series : BMA-COM

**Issue : 0935 B**

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**RADIAL** 

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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