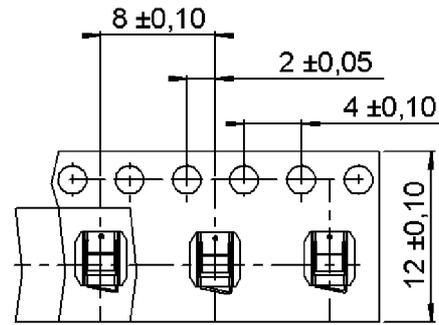
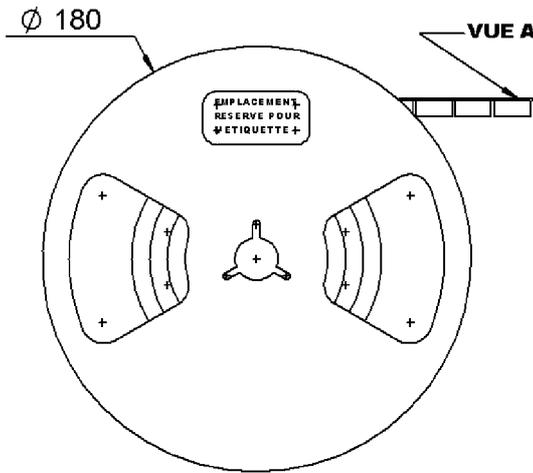


**RIGHT ANGLE H2 RECEPTACLE SMT TYPE**

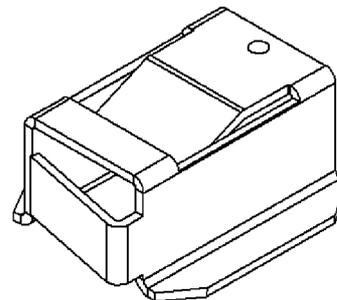
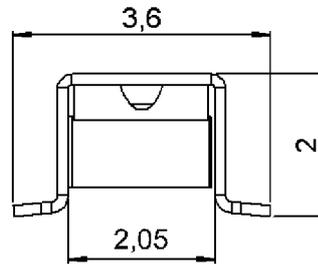
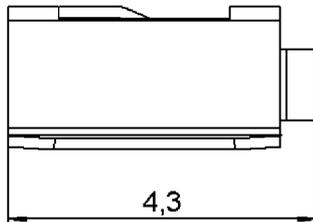
**R107.003.010**

**REEL 100**

Series : UMP



VUE A / VIEW A



SCALE: 1/1

All dimensions are in mm.



COMPONENTS	MATERIALS	PLATINGS (µm)
<b>BODY</b>	<b>BERYLLIUM COPPER</b>	<b>GOLD 0.2 OVER NICKEL 2</b>
<b>CENTER CONTACT</b>	-	-
<b>OUTER CONTACT</b>	-	-
<b>INSULATOR</b>	-	-
<b>GASKET</b>	-	-
<b>OTHERS PARTS</b>	-	-
-	-	-
-	-	-

Issue : 0415 A

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



**RIGHT ANGLE H2 RECEPTACLE SMT TYPE**

**R107.003.010**

**REEL 100**

Series : UMP

**PACKAGING**

**SPECIFICATION**

Standard	Unit	Other
100	'W' option	Contact us

**ELECTRICAL CHARACTERISTICS**

**ENVIRONMENTAL**

Impedance		<b>50</b> Ω
Frequency		<b>0-6</b> GHz
VSWR	<b>1.05</b> +	<b>0.030</b> x F(GHz) Maxi
Insertion loss		NA √F(GHz) dB Maxi
RF leakage	- (	NA - F(GHz)) dB Maxi
Voltage rating		<b>100</b> Veff Maxi
Dielectric withstanding voltage		<b>350</b> Veff mini
Insulation resistance		<b>1000</b> MΩ mini

Operating temperature	<b>-40/+125</b> ° C
Hermetic seal	NA Atm.cm3/s
Panel leakage	NA

**OTHERS CHARACTERISTICS**

Assembly instruction

Others :

-

**MECHANICAL CHARACTERISTICS**

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

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

Mating life		<b>100</b> Cycles mini
Weight		<b>0.035</b> g

Issue : 0415 A

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**RIGHT ANGLE H2 RECEPTACLE SMT TYPE**

**R107.003.010**

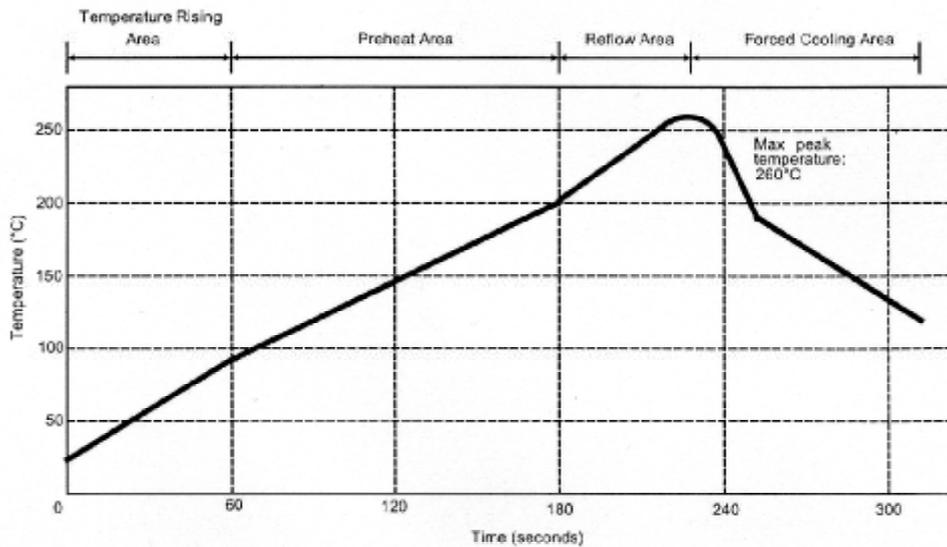
**REEL 100**

Series : UMP

## SOLDER PROCEDURE OF UMP RECEPTACLE IN INDUSTRIAL ENVIRONMENT

1. Deposit 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 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.

**NOTE : THE UMP RECEPTACLE AND THE UMP PLUG MUST NOT BE MATED BEFORE COMPLETION OF THIS PROCEDURE.**



Parmeter	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

Issue : 0415 A

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**RIGHT ANGLE H2 RECEPTACLE SMT TYPE**

**R107.003.010**

**REEL 100**

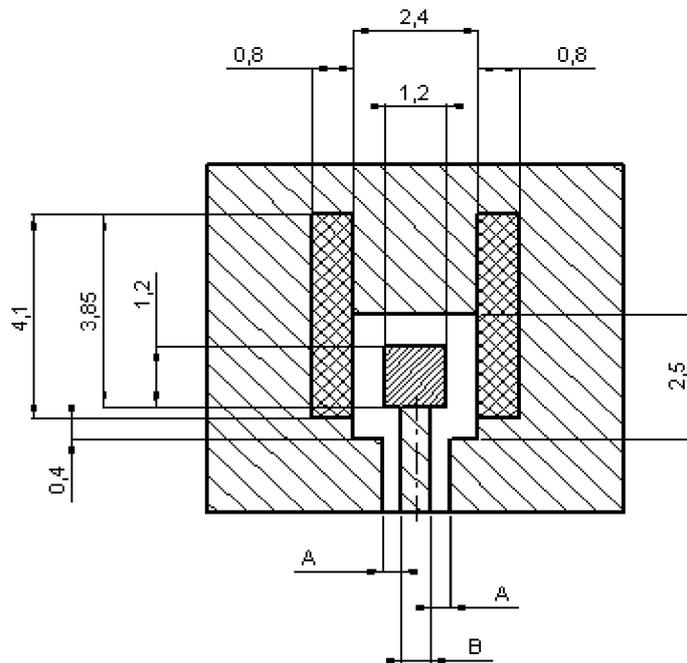
Series : UMP

# UMP SERIES INFORMATION

## PCB

### COPLANAR LINE

Ground and signal are on the same side  
The material of PCB is glass is glass-epoxy Composite.



-  Gold over nickel for solder paste
-  Gold over nickel contact area free of any surface contaminant
-  Ground + varnish

APPLICATION 75Ω  
WITH B = 0,55mm

PCB thickness (mm)	Coplanar ligne A (mm)
0,8	0,57
1,0	0,45
1,2	0,41
1,6	0,37

APPLICATION 50Ω  
WITH B = 1,2mm

PCB thickness (mm)	Coplanar ligne A (mm)
0,8	0,183
1,0	0,190
1,2	0,195
1,6	0,20

Issue : 0415 A

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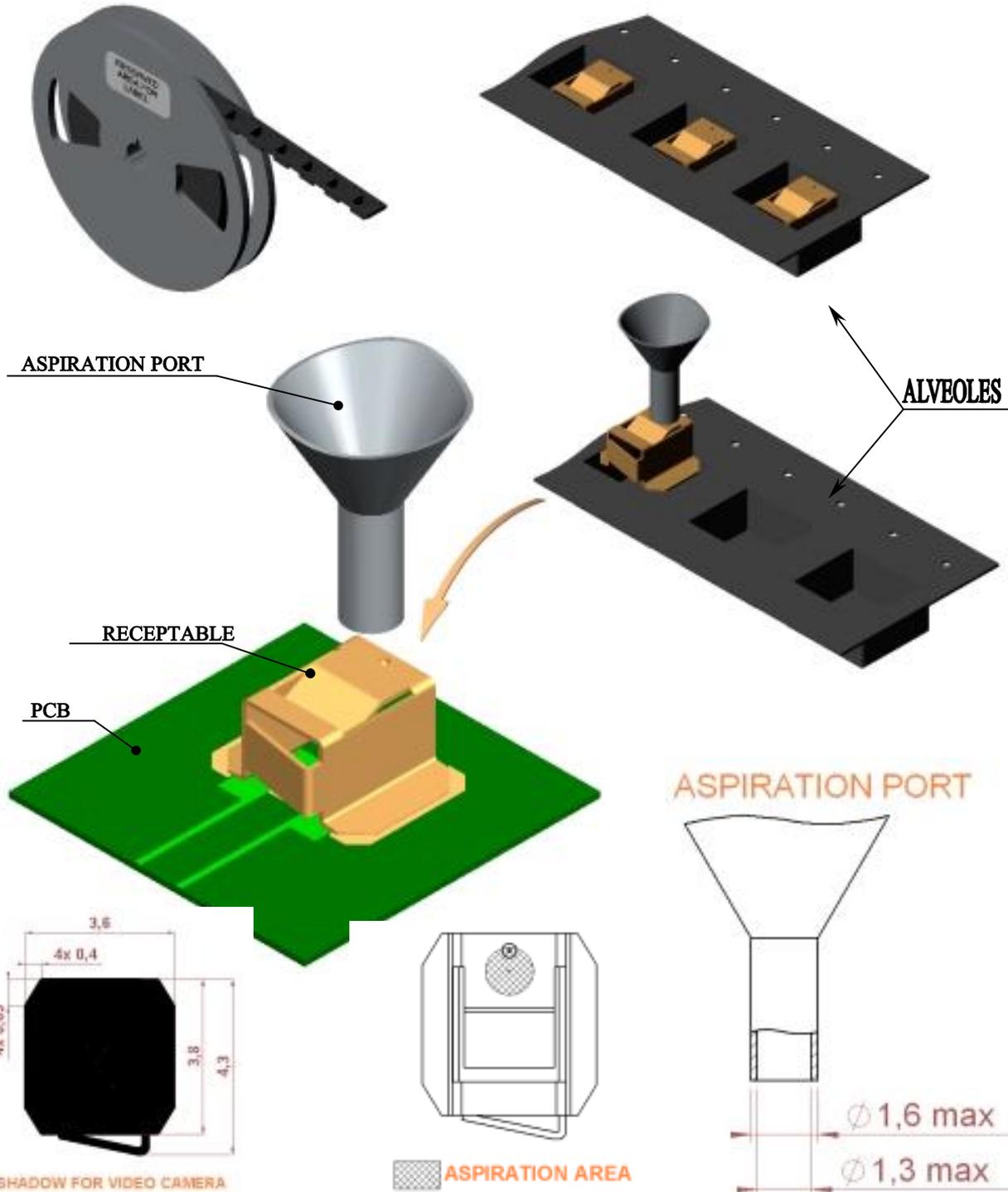
RIGHT ANGLE H2 RECEPTACLE SMT TYPE

**R107.003.010**

REEL 100

Series : UMP

# UMP SERIES INFORMATION



Issue : 0415 A

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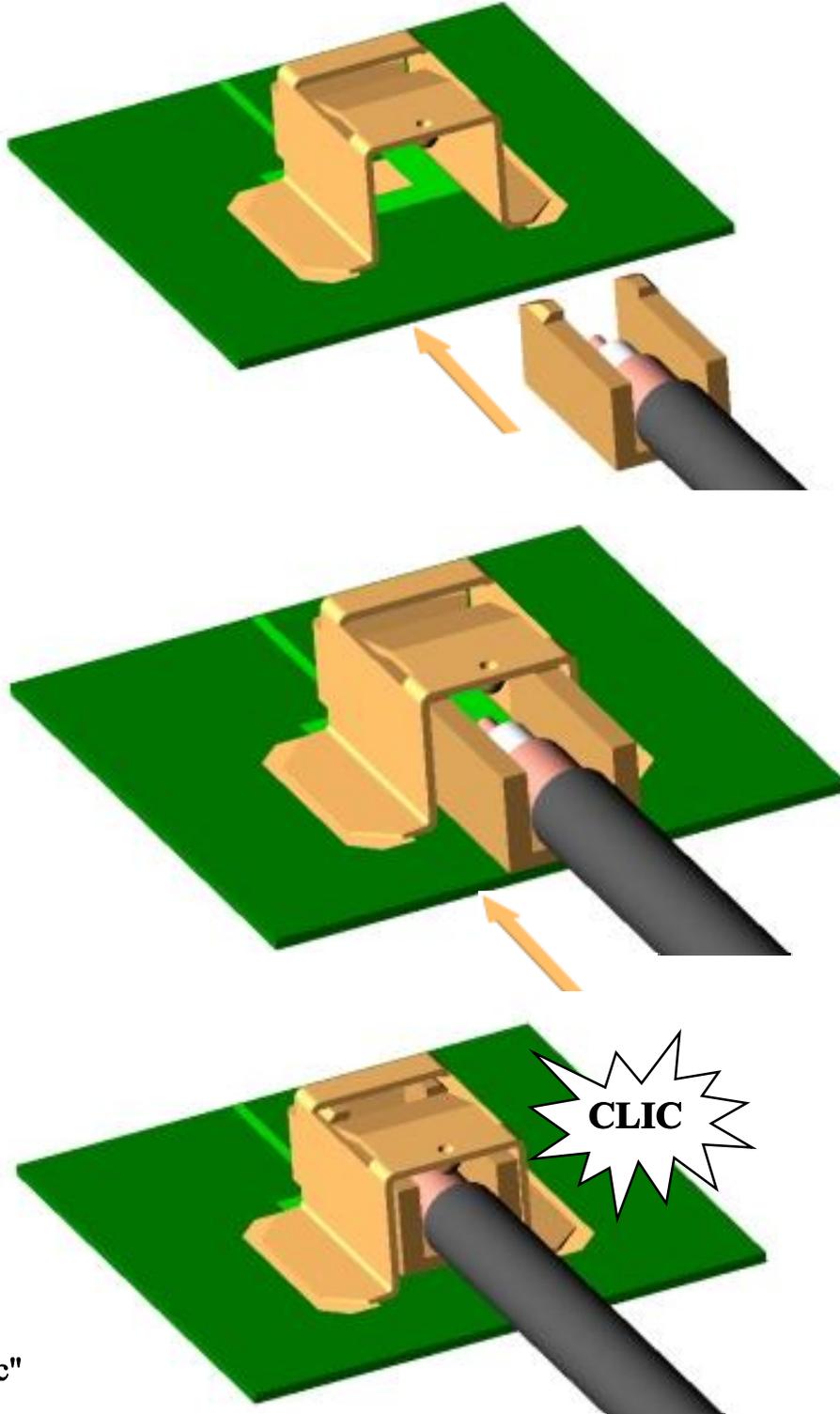
RIGHT ANGLE H2 RECEPTACLE SMT TYPE

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Series : UMP

# UMP CONNECTING NOTE



Issue : 0415 A

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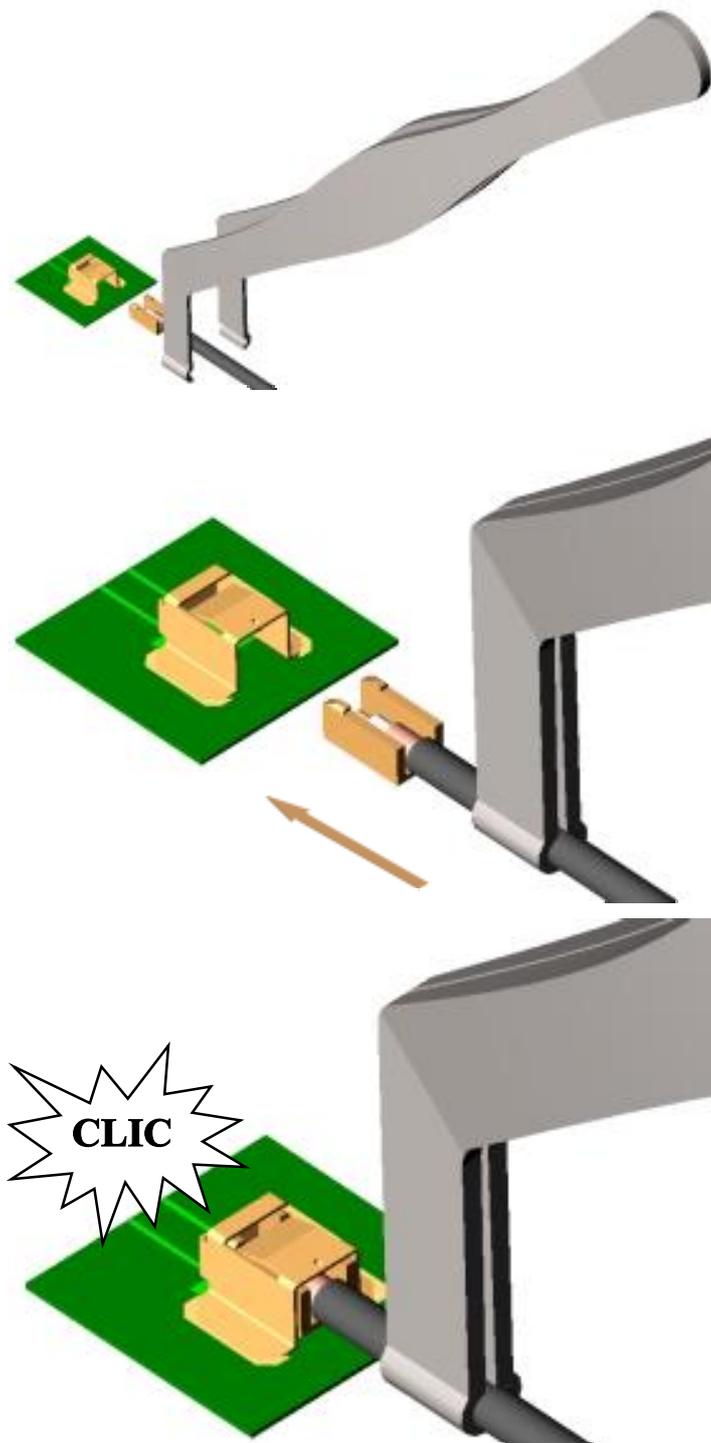
**RIGHT ANGLE H2 RECEPTACLE SMT TYPE**

**R107.003.010**

**REEL 100**

Series : UMP

# UMP NOTE CONNECTING



Do not push  
over the «clik »

Issue : 0415 A

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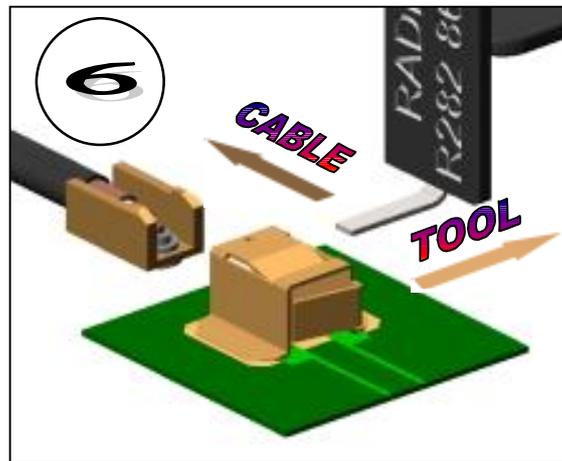
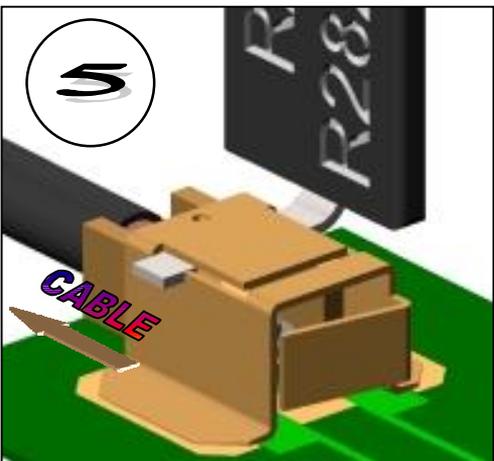
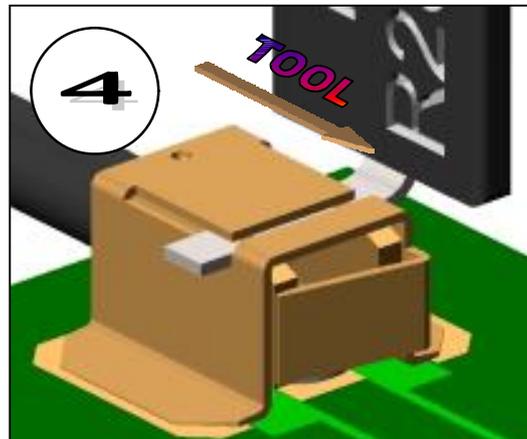
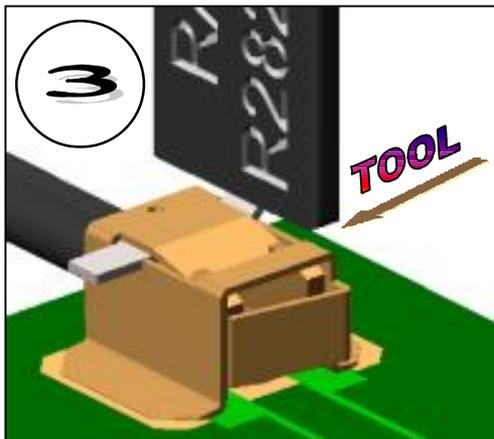
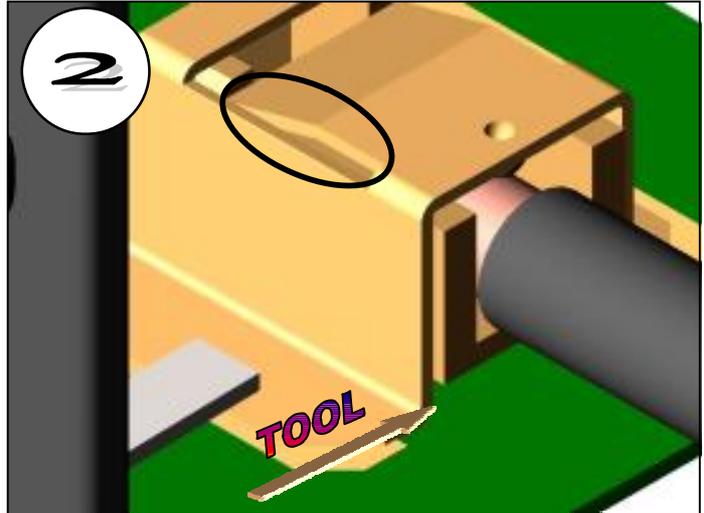
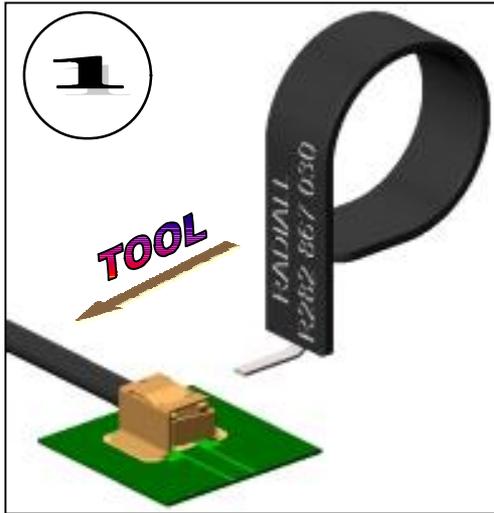
RIGHT ANGLE H2 RECEPTACLE SMT TYPE

R107.003.010

REEL 100

Series : UMP

# UMP DISCONNECTING NOTE



Issue : 0415 A

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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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