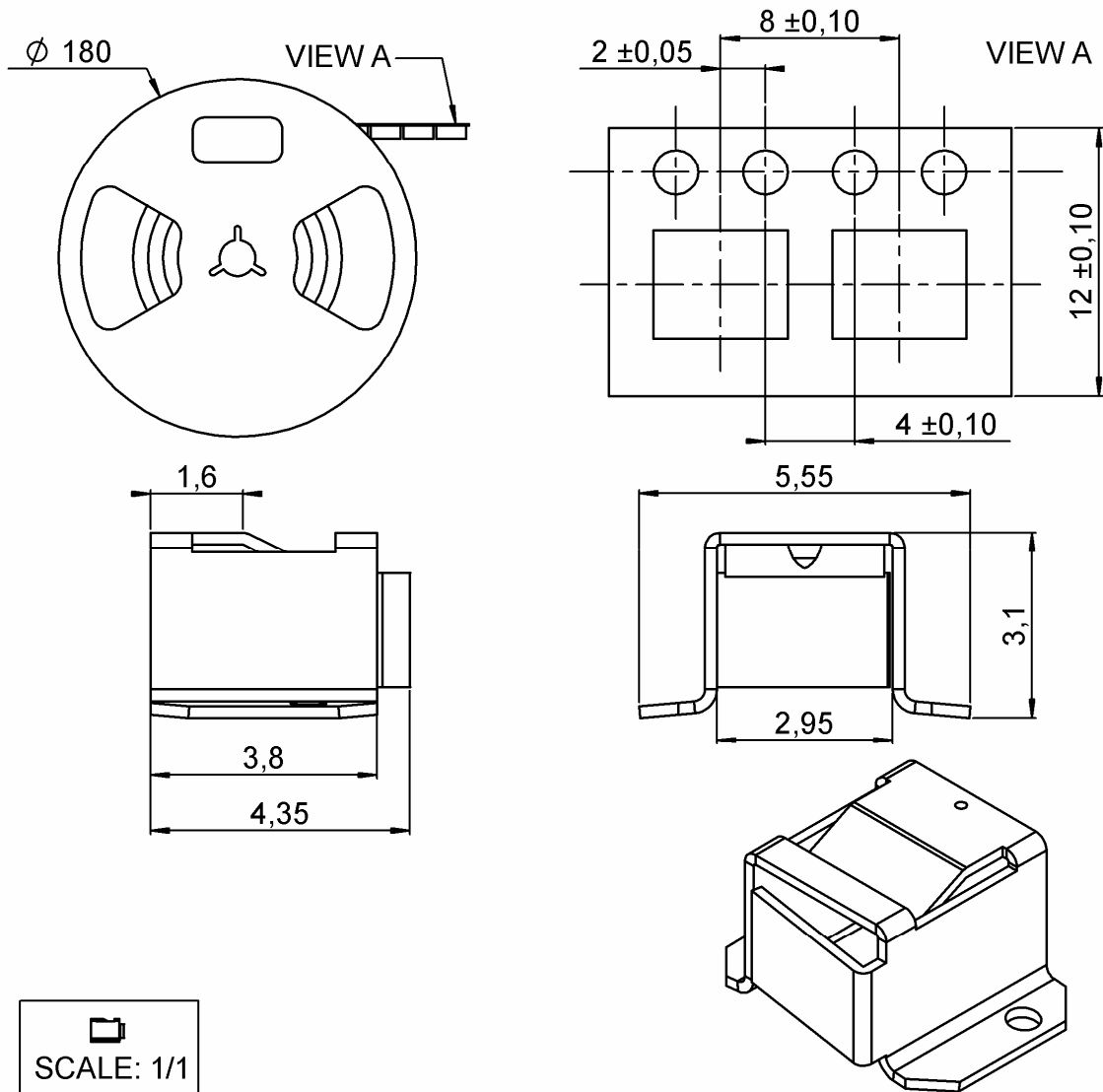


**RIGHT ANGLE H3 RECEPTACLE SMT TYPE**

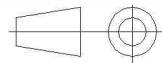
**R107.303.097**

**NON MAGNETIC - REEL 100**

Series : UMP



All dimensions are in mm.



COMPONENTS	MATERIALS	PLATING (µm)
BODY	BERYLLIUM COPPER	TIN 5
CENTER CONTACT	-	-
OUTER CONTACT	-	-
INSULATOR	-	-
GASKET	-	-
OTHERS PARTS	-	-
-	-	-
-	-	-

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**PACKAGING**

**SPECIFICATION**

Standard	Unit	Other
<b>100</b>	<b>'W' option</b>	<b>Contact us</b>

**ELECTRICAL CHARACTERISTICS**

**ENVIRONMENTAL**

Impedance	<b>50</b>	$\Omega$
Frequency	<b>0-6</b>	GHz
VSWR	<b>1.05 + 0,0300</b>	x F(GHz) Maxi
Insertion loss	<b>NA</b>	$\sqrt{F}(\text{GHz})$ dB Maxi
RF leakage	<b>NA</b>	- F(GHz)) dB Maxi
Voltage rating	<b>100</b>	Veff Maxi
Dielectric withstanding voltage	<b>350</b>	Veff mini
Insulation resistance	<b>1000</b>	M $\Omega$ mini

Operating temperature	<b>-40/+125</b>	$^{\circ}$ C
Hermetic seal	<b>NA</b>	Atm.cm3/s
Panel leakage	<b>NA</b>	

**OTHER CHARACTERISTICS**

Assembly instruction

Others :

Magnetique field distorsion  
< to 0.5 ppm at 10mm at Bo=1.5 Tesla

**MECHANICAL CHARACTERISTICS**

Center contact retention		
Axial force – Mating end	<b>NA</b>	N mini
Axial force – Opposite end	<b>NA</b>	N mini
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>50</b>	Cycles mini
Weight	<b>0,0800</b>	g

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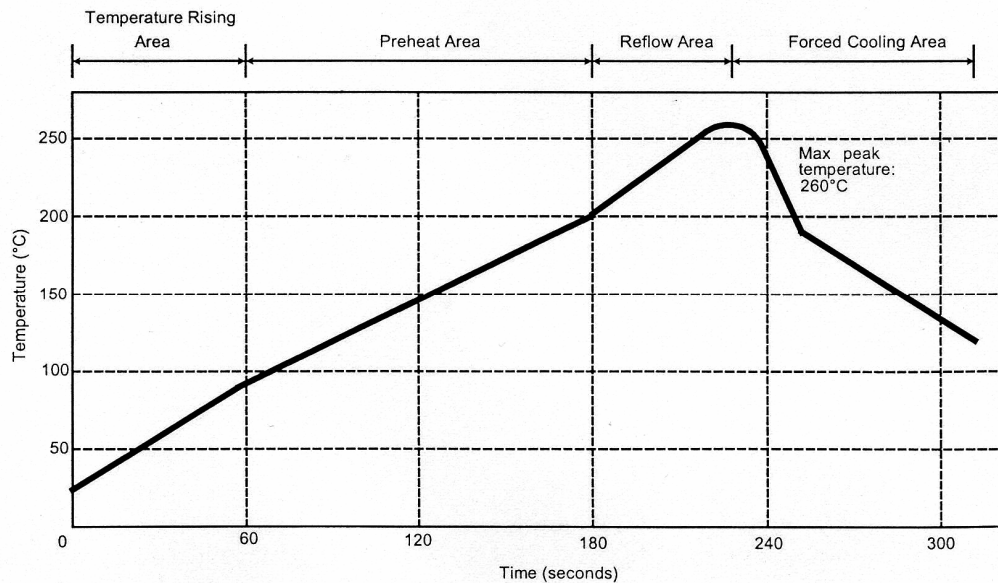
**NON MAGNETIC - REEL 100**

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## 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.**



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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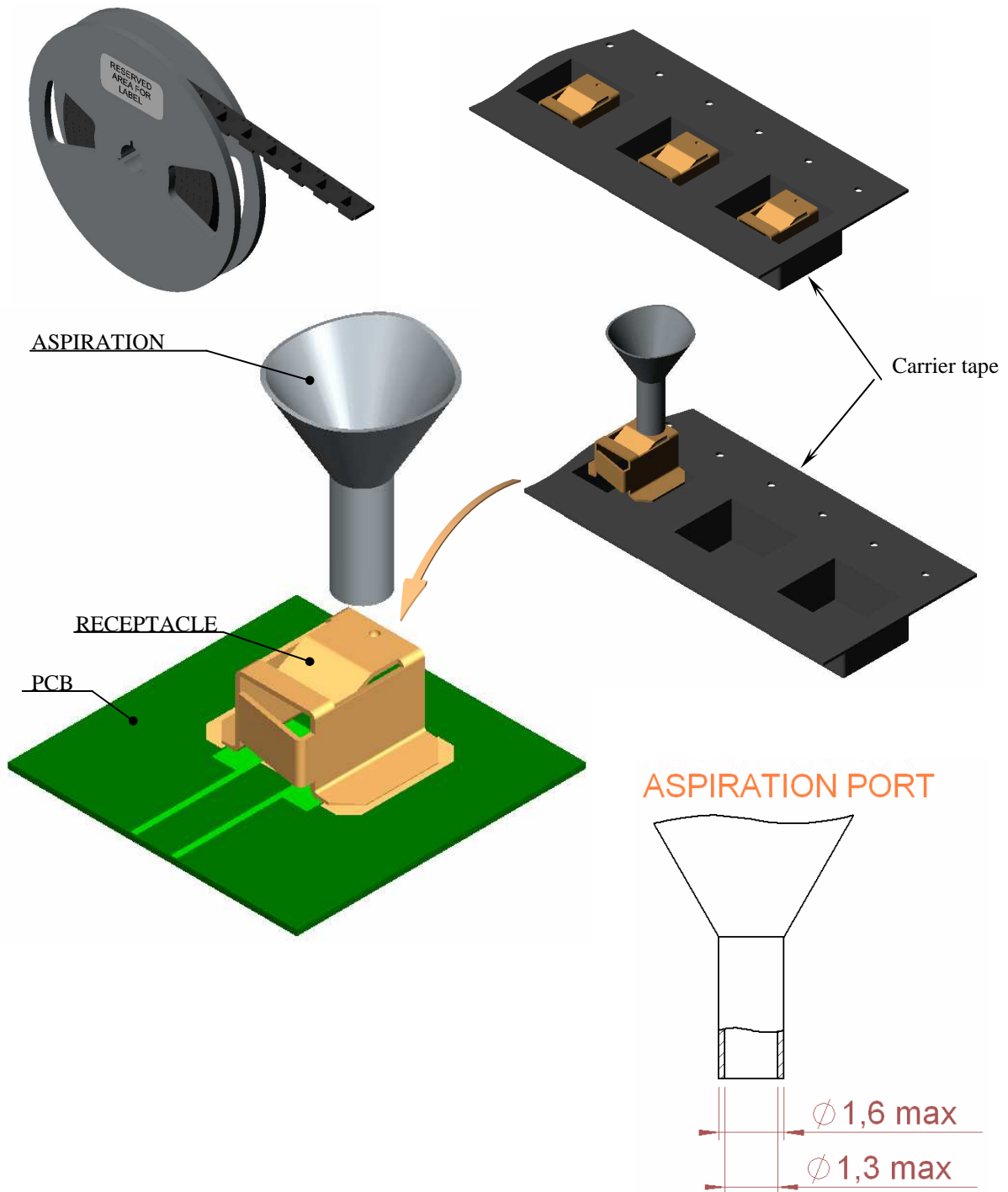
**RIGHT ANGLE H3 RECEPTACLE SMT TYPE**

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**NON MAGNETIC - REEL 100**

Series : UMP

# UMP SERIES INFORMATION



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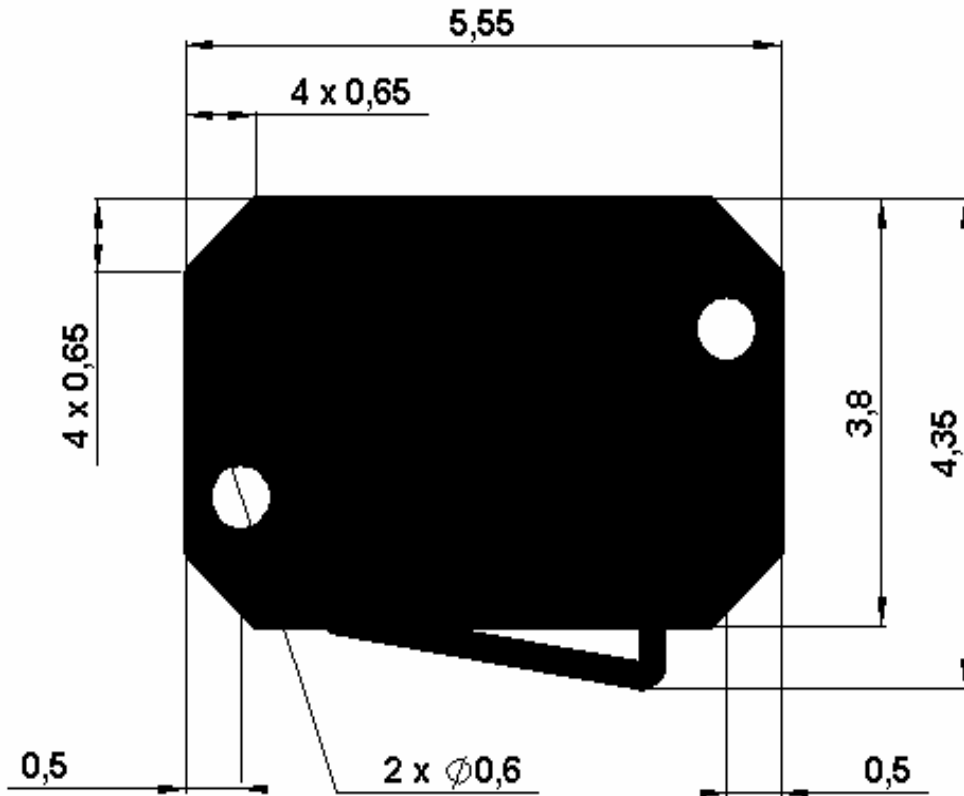


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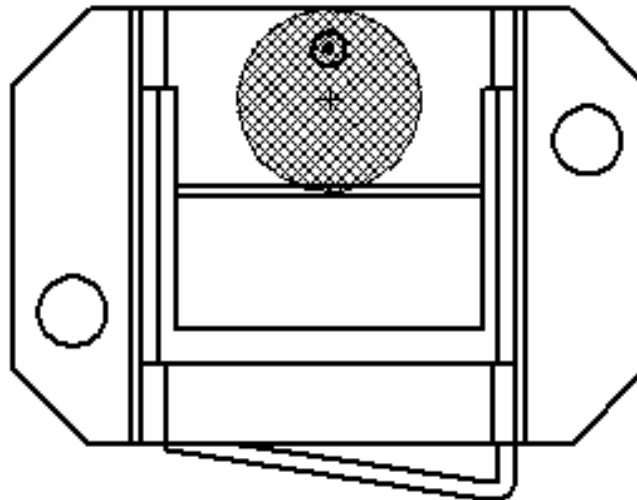
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SHADOW FOR VIDEO CAMERA



**ASPIRATION AREA**

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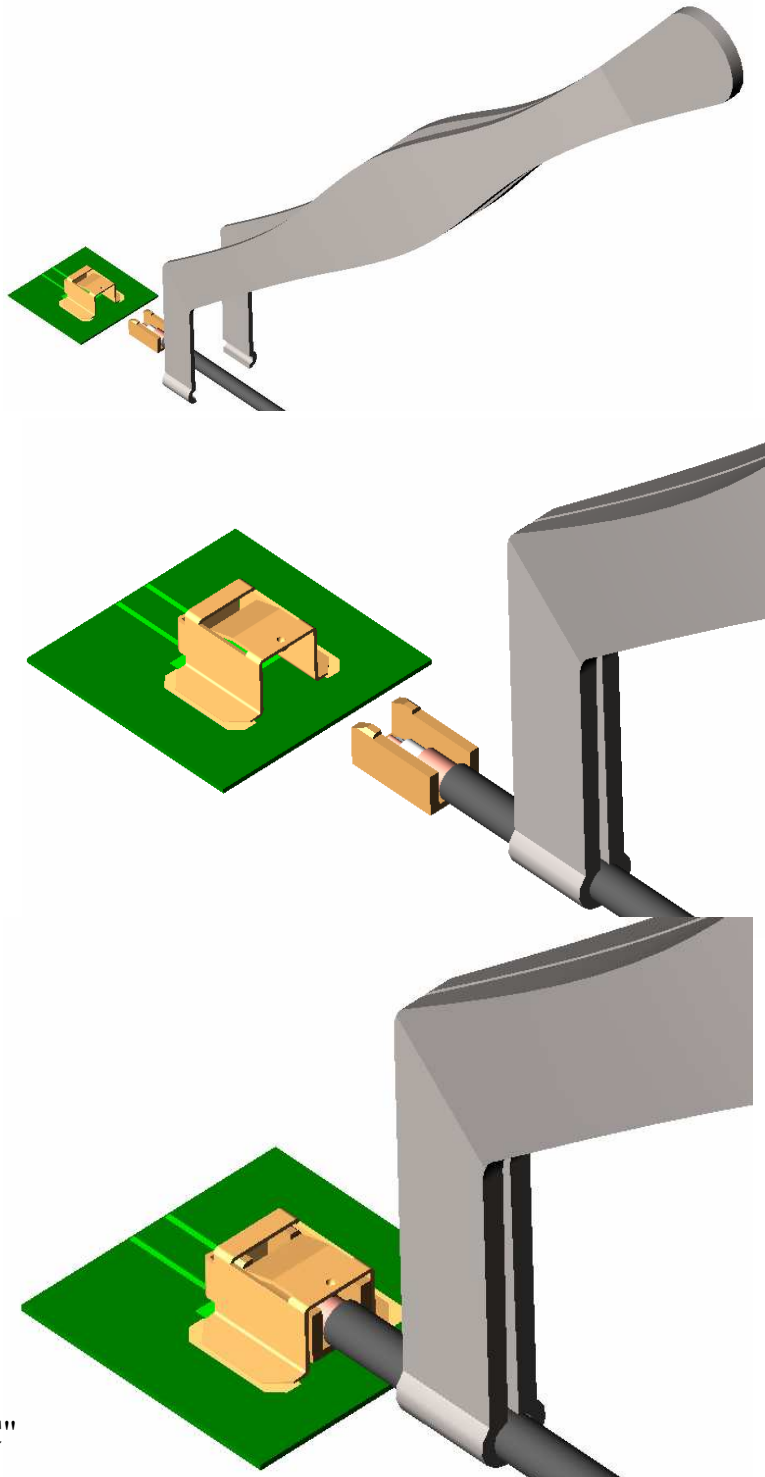
RIGHT ANGLE H3 RECEPTACLE SMT TYPE

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# UMP CONNECTING NOTE



Do not push  
Over the "CLIC"

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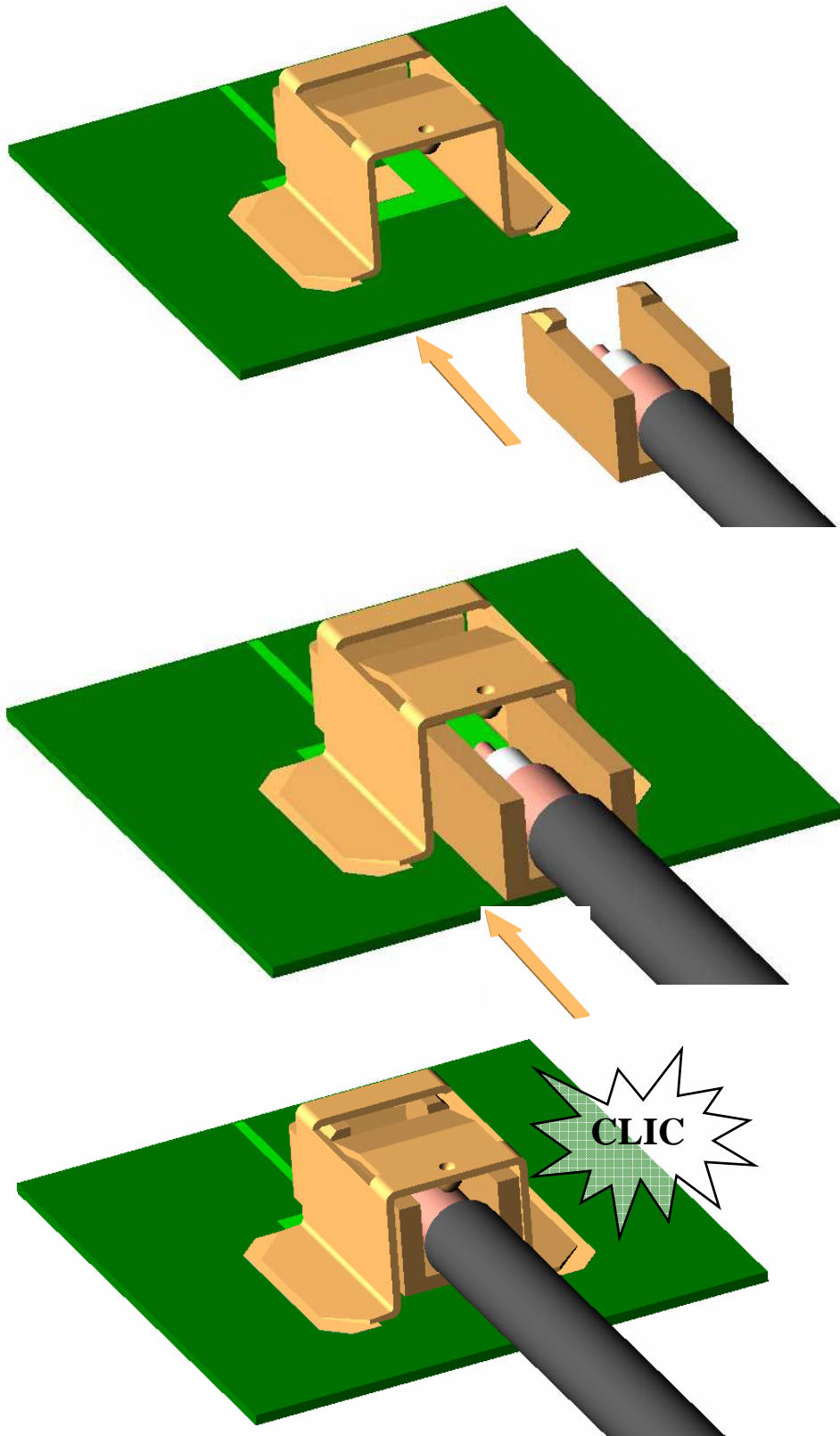
RIGHT ANGLE H3 RECEPTACLE SMT TYPE

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# UMP CONNECTING NOTE



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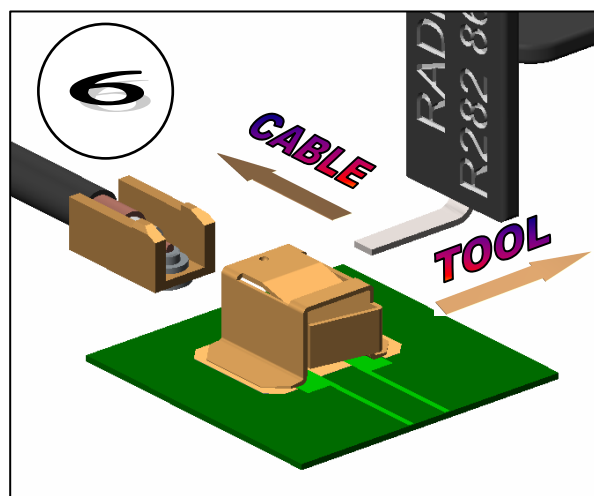
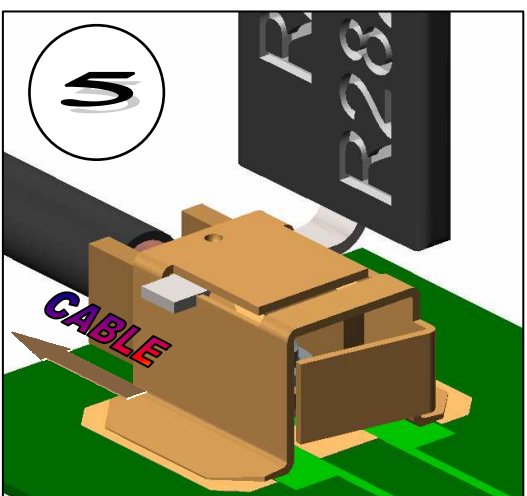
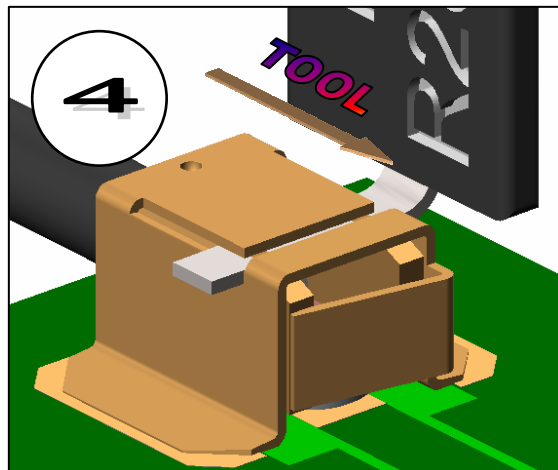
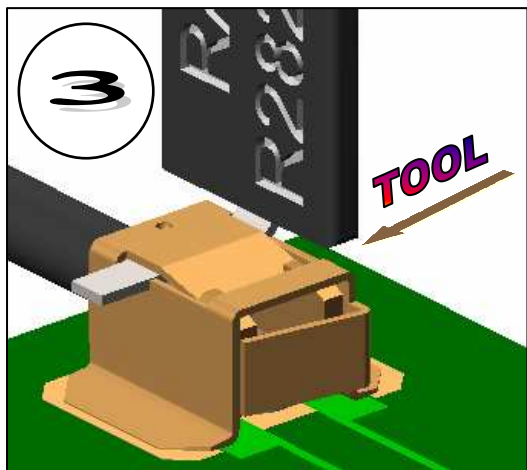
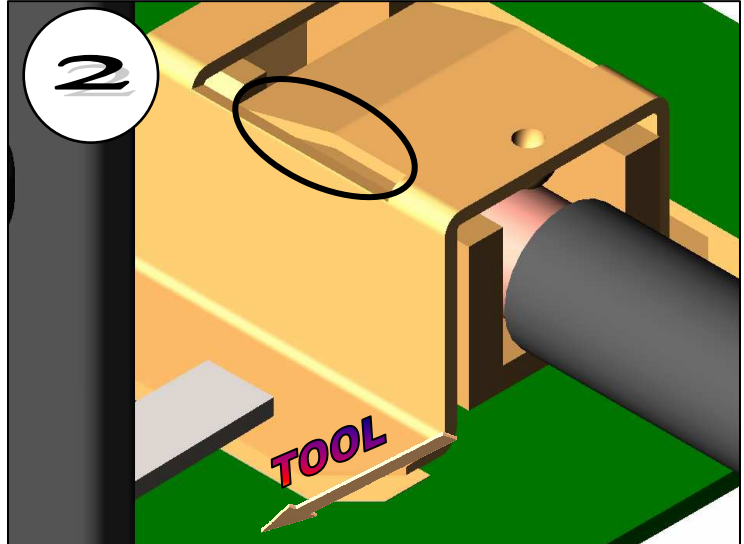
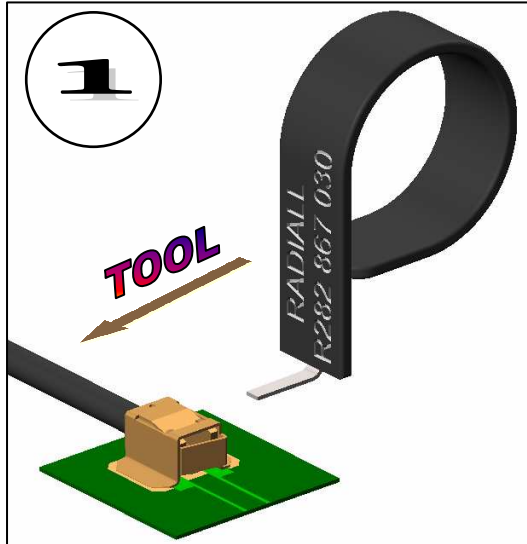
RIGHT ANGLE H3 RECEPTACLE SMT TYPE

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NON MAGNETIC - REEL 100

Series : UMP

# UMP DISCONNECTING NOTE



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