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1、SCOPE

The product described is a Spring connector, which is used to connect between two parts of electronic product.

2、PRODUCT DESCRIPTION

2.1 Product name and Product number

Product name: Clip, L2.9*W1.5*H1.2mm .

Product number: 818002831

2.2 Dimension, material, plating and marking

See the appropriate Customer Drawings for information on dimensions, materials, plating, and markings.

3、TECHNICAL PARAMETERS

3.1 Rated current: 2A

3.2 Rated voltage: 10V DC

3.3 Contact Resistance: 50mΩ.

3.4 Temperature:

Operating : -40℃ ~ +85℃

Storage : -30℃ ~ +70




4、PERFORMANCE

4.1 Appearance Requirements

Item	Description	Test Condition	Requirement
4.1.1	Visual and dimension inspections	Visual, dimension and functional per applicable quality inspection plan.	Meets requirements of product drawing. No physical damage.


4.2 Electrical Requirements

Item	Description	Test Condition	Requirement
4.2.1	Contact Resistance (Low Level)	Mated connector: apply a maximum voltage of 20mV and a current of 100mA. Per EIA-364-23B	The initial: 50 mΩ Max; ΔR=50 mΩ Max changed after environmental exposure

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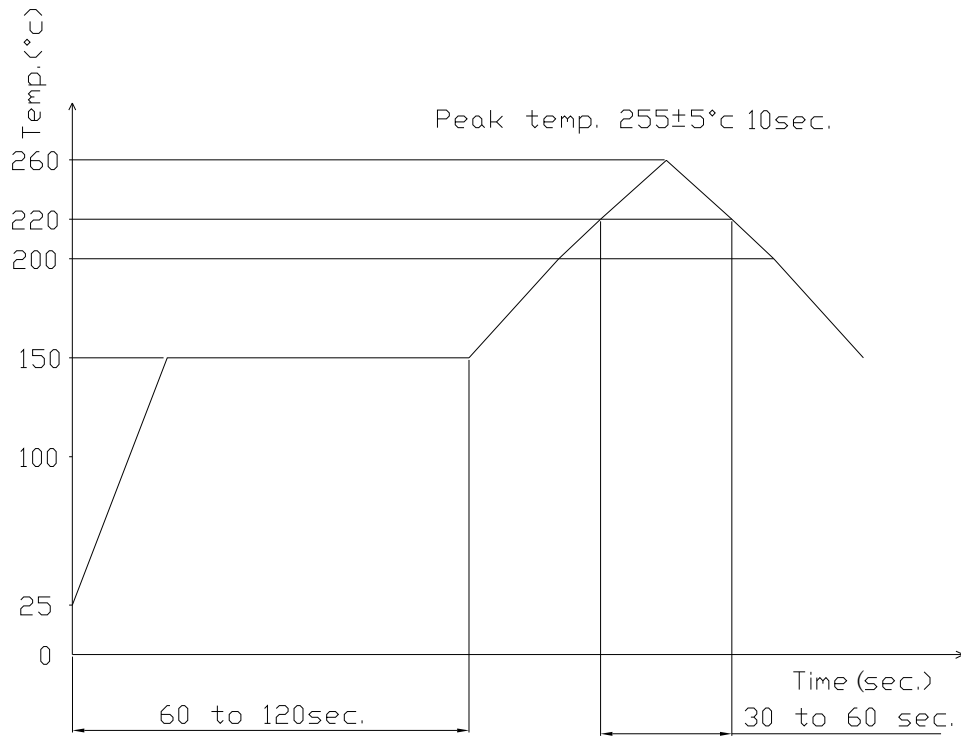
4.3 Environmental Requirements

Item	Description	Test Condition	Requirement
4.3.1	High relative Humidity exposure	Mated and exposure to the condition of 25~65°C ,90~95% RH, (7 days). Recovery time 1~2hours. Per EIA-364-31	Appearance: no damage Contact Resistance $\Delta R=50$ m Ω maximum
4.3.2	Thermal shock	The connector shall be mated and exposure to the following condition for 10 cycles continuous. a) -55°C for 30 minutes. b) 85°C for 30 minutes. Transit time shall be within 5minutes, recovery time 1~2 hours. Per EIA-364-32	Appearance: no damage Contact Resistance $\Delta R=50$ m Ω maximum
4.3.3	Salt spray	The connector shall be mated and exposure to the following salt mist conditions. At the completion of the exposure period, salt deposits shall be removed by a gentle wash or dip in running water, after which the specified measurements shall be performed. Concentration : 5 \pm 1% Spray time: 24 hours Temperature: 35 \pm 2°C	Appearance: no damage Contact Resistance $\Delta R=50$ m Ω maximum
4.3.4	Resistance to soldering Reflow Heat	Infrared the reflow condition of 5.1	No damage after 3 times of reflow Measurement after 24 \pm 2 hours

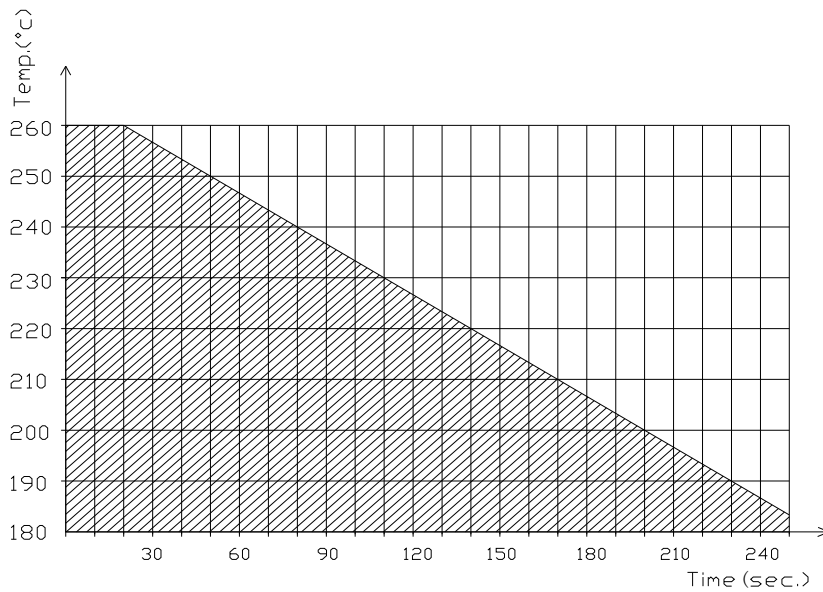
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5、SMT TEMPERATURE CURVE

5.1 Recommended TEM.&Time relative curve of RE-FLOW.



5.2 Extremed TEM.&Time curve of RE-FLOW.





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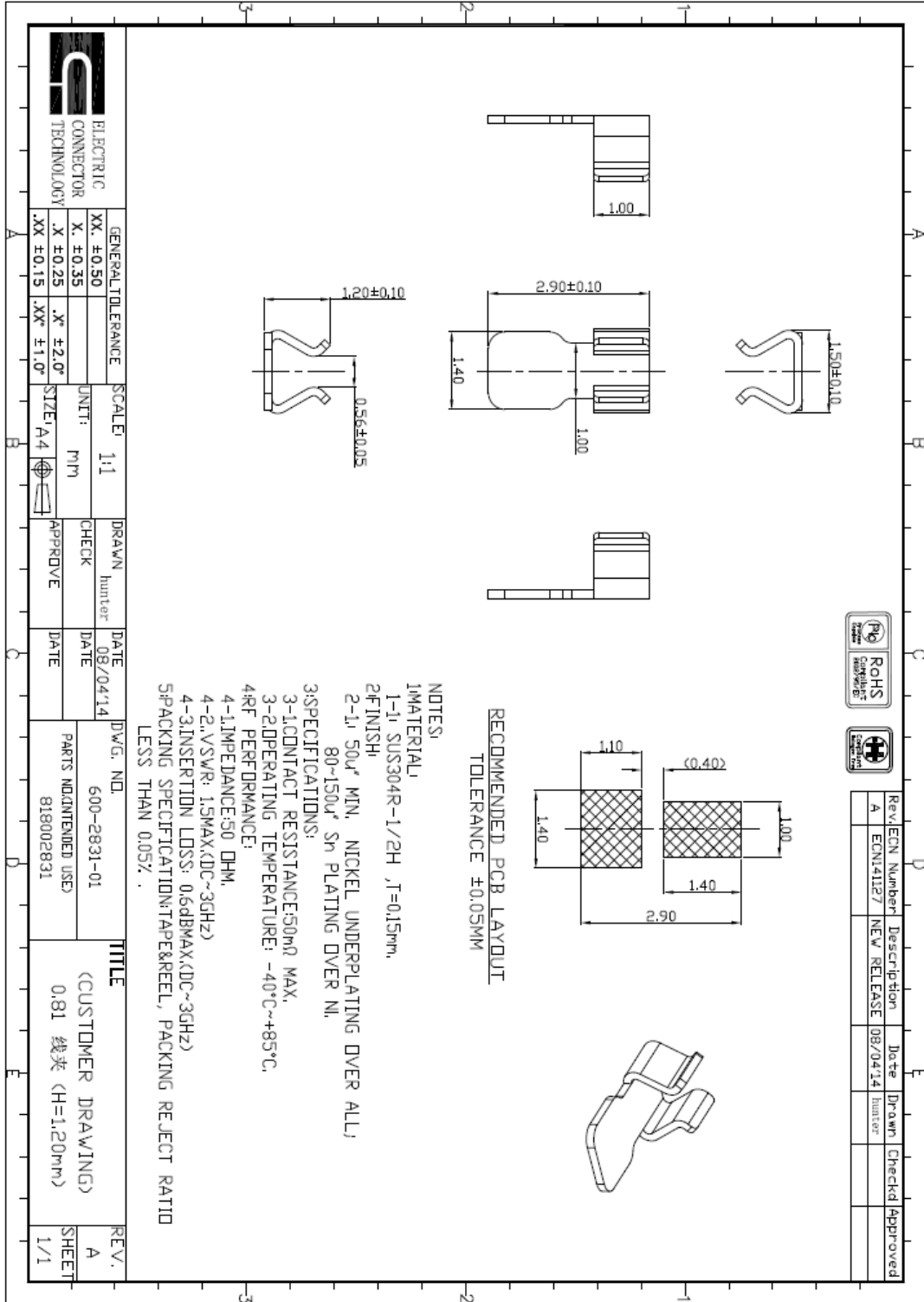
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08/01/15

6、PROFILE DIMENSIONS



Rev	ECN Number	Description	Date	Drawn	Checked	Approved
A	ECN14127	NEW RELEASE	08/04/14	hunter		

7、PACKAGING SPEC.

管制重点:

1. 包装时产品轻拿轻放, 避免产品变形.
2. 整盘包装好后, 检查是否有漏装, 产品的放置方向是否正确.
3. 包装裁带断裂时不可用人工连接.
4. 检查是否有产品被压死, 检查整盘层数是否正确.
5. 若有未装满之零数箱, 须以缓冲材塞满.
6. 防水袋须用封口机密封.
7. 塞箱封好后, 检查标签是否贴好, 干净, 字迹清晰, 标签内容是否正确, 完善.

项目	料号	数量	产品包装容量	产品包装重量
外纸箱	840000602	1	10000	18
塑胶圆盘	840000418	18	180000	0.0081
防水袋	840000501	1		1.46
载带	842831201			8.45
上带	840000309			
三角纸板		4		
作业标签		1		
珍珠棉		2		

外纸箱规格: 340*340*315mm (内尺寸)

厂内收料方向

客户使用方向

上带50mm

后40Pcs空格

10000Pcs产品

前40Pcs空格

P=4

包装机

塑胶圆盘

载带

上带

内部作业标签

胶纸

胶带

4个三角纸板

防水袋

上下各1块珍珠棉

封箱胶

包装作业标签

产品合格标签

环保标签 (即ROHS标签)

出货标签

SCALE: 1:1

UNIT: mm

DATE: 08/07/14

DRAWN: hunter

CHECK: APPROVE

DATE: APPROVE

DWG. NO. 551-2831-01

PARTS NOT INTENDED USED


818002831

TITLE: 包装规范

0.81线夹 HL: 2mm

REV. A

SHEET 1/1

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8、STORAGE CONDITION

Temperature: -30 ~ +70 °C

Relative Humidity: 15 ~ 85 % RH

Life : Use this product within 18 months after receipt. Check the terminal solder ability before use if the product has been stored for more than 18 months.

9、TEST SEQUENCE AND SAMPLE QUANTITY

Item	A	B	C	D					
4.1.1 Visual and dimensional inspections	1,5	1,5	1,5	1,3					
4.2.1 Contact Resistance	2,4	2,4	2,4						
4.3.1 High relative Humidity exposure	3								
4.3.2 Thermal shock		3							
4.3.3 Salt spray			3						
4.3.4 Resistance to soldering Reflow Heat				2					
Sample QTY	5pcs	5pcs	5pcs	5pcs					