

产 品 承 认 书  
SPECIFICATION FOR APPROVAL

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客户名称  
*CUSTOMER NAME.*

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产品类型                      共模电感  
*PRODUCT TYPE*

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客户料号                      SCMS100805-SERIES  
*CUSTOMER P/N*

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料号                              SCMS100805-SERIES  
*OURS P/N*

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文件编号  
*FILE NO.*

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批准 <i>APPROVED</i>	确认 <i>CHECKED</i>	作成 <i>DESIGN</i>
chen	lin	ming

<i>客户承认/CUSTOMER ACCEPTED</i>		
承认 <i>APPROVED</i>	确认 <i>CHECKED</i>	承办 <i>DESIGN</i>
<i>批注/REMARK</i>		

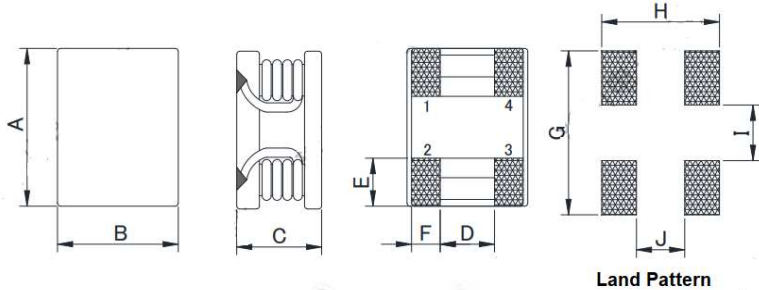
苏州欣腾辉电子有限公司  
SUZHU XINTENGHUI ELECTRONIC CO., LTD.



# 承认书/SPECIFICATION FOR APPROVAL

客户名称 CUSTOMER	0	客户品名 CUSTOMER P/N	SCMS100805-SERIES	版别 REV.	A
产品类型 PRODUCT TYPE	共模电感	品名 OURS P/N	SCMS100805-SERIES	文件编号 FILE NO.	

## 一.外观图/DIMENSION (单位/UNIT: mm)

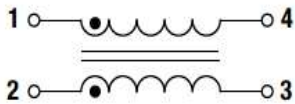


1. 印字: 黑色



A	10.0±0.5
B	8.0±0.5
C	5.0±0.5
D	3.2Typ
E	2.8Typ
F	1.8Typ
G	11Typ
H	9.0Typ
I	3.4Typ
J	2.2Typ

## 二. 电路图/CIRCUIT DIAGRAM



## 三. 电气特性/ELECTRICAL CHARACTERISTIC

Part Number	Common mode Impedance ( $\Omega$ @100MHZ)		DCR (m $\Omega$ ) max.	Rated Current (A) max.	WIRE P180 G1	Marking
SCMS100805-551	500Min	550 Typ	10	5.0	$\Phi$ 0.55*3.0TS	551
SCMS100805-601	500 Min	600 Typ	30	4.5	$\Phi$ 0.50*4.0TS	601
SCMS100805-651	500 Min	650 Typ	30	4.5	$\Phi$ 0.50*4.0TS	651
SCMS100805-701	500 Min	700 Typ	30	4.5	$\Phi$ 0.50*4.0TS	701
SCMS100805-102	700 Min	1000 Typ	45	4.0	$\Phi$ 0.4*5.0TS	102

注明:

1. Rated Current :  $\Delta T=40^{\circ}\text{C}$  Typ.
2. Operating Temperature:  $-40^{\circ}\text{C}$  up to  $+125^{\circ}\text{C}$
- 3 Storage Temperature:  $-20^{\circ}\text{C}$  up to  $+40^{\circ}\text{C}$ , 75% RH max.

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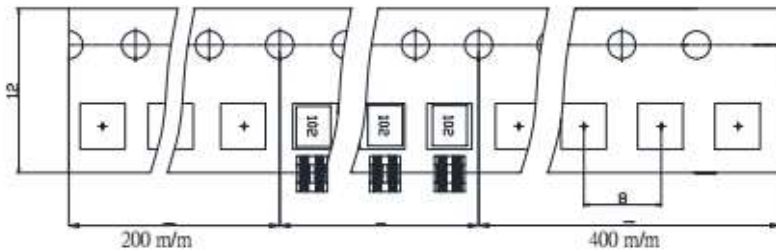
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## 四. 材料清单/MATERIAL LIST

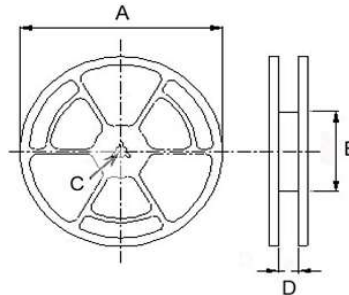
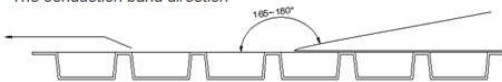
NO.	ITEM	DESCRIPTION
1	CORE	FERRITE
2	WIRE	P180 Grd1
3	INK	BLACK
4	TIN	107H

## 五. 编带规格/TAPING SPECIFICATIONS



### Transparent carrier and cover tape/透明载带和自粘上带

Adhesive strength of cover tape is 20 to 120 gf  
The conduction band direction



Reel Dimensions (Unit: mm)				Quantity
A	B	C	D	Pcs/Reel
330	100	13	24.5	900

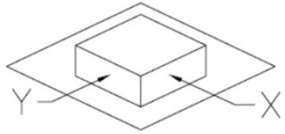
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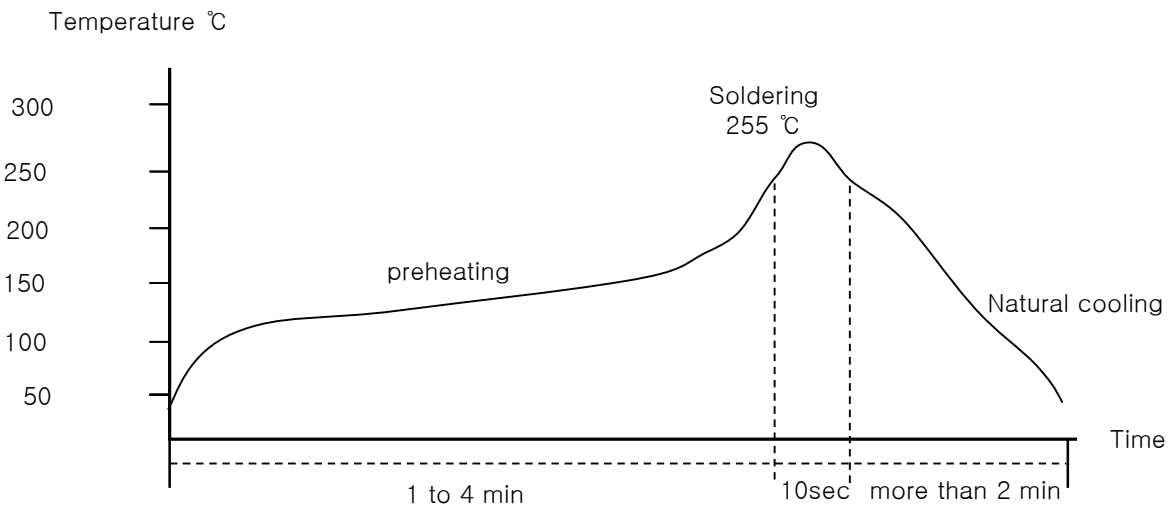
## 七. 可靠性测试/RELIABILITY TESTING

Operating Temperature	- 40 to +125 °C ( Contain Heating coil )
Appearance Inspection	No external defects by visual inspection
Terminal Strength	After soldering , between copper plaet and terminals of coils , push in two directions of X , Y with standing 10N(1.02kg) for10+/-2 sec. Terminal should not peel off. ( Refer to figure at right )
Heat endurance of reflow soldering	Refer to figure
Insulating resistance	Over 100 MΩ at 100V D.C . between wire and core
Dielectric Strength	Apply at 0.5KV 3mA for 1 minute between wire and core
Temperature characteristics	Inductance coefficient ( 0~2,000 ) × 10 / °C ( - 40~ + 125 °C )
Humidity characteristics	Inductance deviation within ± 10% , after 96 hours in 90~95% relative humidity at 40 ± 2 °C and 1 hours drying under normal condition



A test is made under the above mentioned condition , and it is kept for 2 hours in the normal

### IR Reflow profile



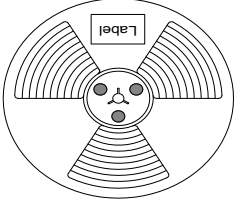
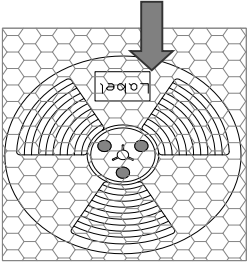
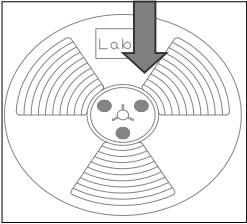
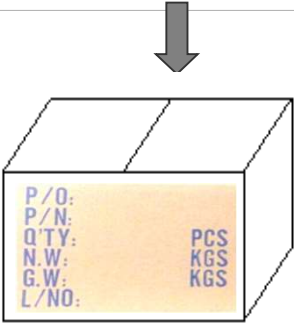
Temperature and humidity . After that , no mechanical and electrical defect should be found .

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## 八. 包装方式/PACKING LIST

	<p>1、轮盘规格：7'(直径178mm) 数量：900PCS/盘</p>				
	<p>2、数量1800PCS/盒.</p>				
	<p>3、数量：1800PCS/袋</p>				
	<p>4、数量：9000PCS/箱. 作业说明：当尾数箱不足一整箱时需用内盒或填充物装满.</p>				
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