

产品承认书
SPECIFICATION FOR APPROVAL

客户名称
CUSTOMER NAME.

产品类型 贴片共模电感
PRODUCT TYPE

客户料号 SCMD5030S-SERIES
CUSTOMER P/N

料号 SCMD5030S-SERIES
OURS P/N

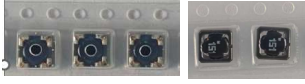
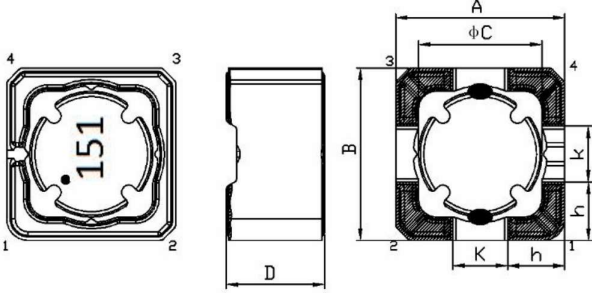
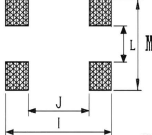
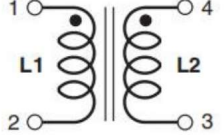
文件编号
FILE NO.

批准 <i>APPROVED</i>	确认 <i>CHECKED</i>	作成 <i>DESIGN</i>
Ruby	Ruby	John

<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	Q	客户品名 CUSTOMER P/N	SCMD5030S-SERIES	版别 REV.	A																
产品类型 PRODUCT TYPE	贴片共模电感	品名 OURS P/N	SCMD5030S-SERIES	文件编号 FILE NO.																	
一. 外观图/DIMENSION (单位/UNIT: mm) <div style="display: flex; justify-content: space-around; align-items: center;">  </div> <div style="display: flex; justify-content: space-around; align-items: center;">  </div>				A	4.8±0.15																
				B	4.8±0.15																
				C	3.5±0.15																
				D	2.8±0.15																
				K	1.5±0.3																
				h	1.5±0.3																
二. 焊盘图/Recommended Land Pattern:/DIMENSION (单位/UNIT: mm) <div style="display: flex; justify-content: space-around; align-items: center;">  <div style="text-align: left;"> <p>注意事项/NOTE</p> <p>1. 白字打点，打点在1脚.</p> <p>2. 底部点两点固定胶.</p> </div> </div>				I	6.0Typ																
				J	1.3Typ																
				L	1.3Typ																
				M	6.0Typ																
三. 电路图/CIRCUIT DIAGRAM <div style="text-align: center;">  </div>																					
四. 电气特性/ELECTRICAL CHARACTERISTIC <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th>Part No.</th> <th>Inductance L1=L2 (uH)</th> <th>Test Freq.</th> <th>DC Resistance (1-2)=(3-4) (Ω)Max.</th> <th>Leakage Inductance (1-2)(uH) short (3-4)</th> <th>Isat(A) Max</th> <th>Hi-pot test 1mA/5s</th> <th>Marking</th> </tr> </thead> <tbody> <tr> <td>SCMD5030S-151</td> <td>150±25%</td> <td>100KHZ,1.0V</td> <td>3.6</td> <td>10Max.</td> <td>0.25</td> <td>500Vdc</td> <td>151</td> </tr> </tbody> </table> <p>1. All test data is referenced to 25°C ambient.</p> <p>2. Operating temperature range -40°C to +125°C (Including self - temperature rise)</p> <p>3. Isat Current: Base on temp.rise & ΔL/L0A ≤ 30% Max and Irms ΔT= 40°C Typ</p> <p>4. Storage Temperature: 15°C up to 25°C, 65% RH max</p>						Part No.	Inductance L1=L2 (uH)	Test Freq.	DC Resistance (1-2)=(3-4) (Ω)Max.	Leakage Inductance (1-2)(uH) short (3-4)	Isat(A) Max	Hi-pot test 1mA/5s	Marking	SCMD5030S-151	150±25%	100KHZ,1.0V	3.6	10Max.	0.25	500Vdc	151
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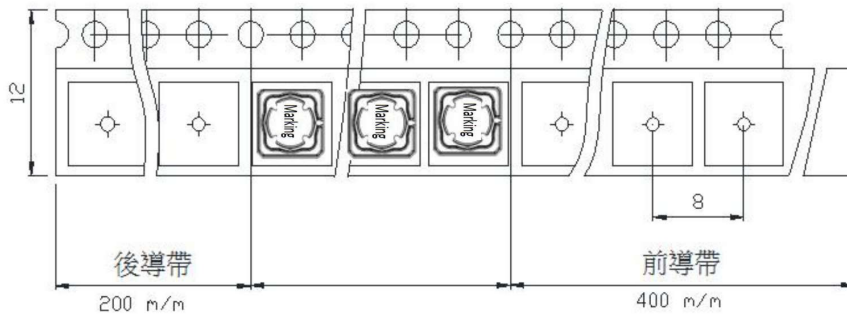
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五. 材料清单/MATERIAL LIST

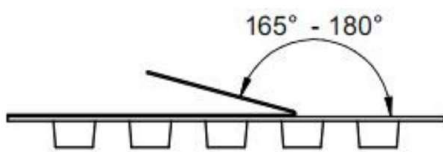
NO.	ITEM	DESCRIPTION
1	CORE	Mn-Zn
2	WIRE	E180 Grd2 ϕ 0.07*66.5TS(REF)
3	SOLDER	M20E
4	ADHESIVE	XNR-3614
5	INK	WHITE

六. 包装规格/TAPING SPECIFICATIONS

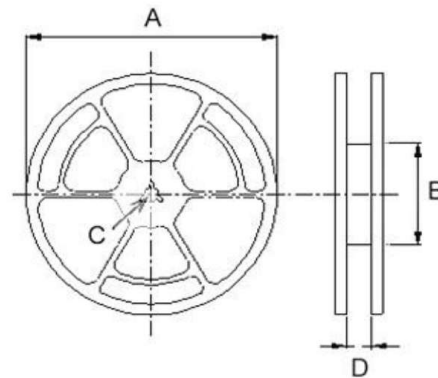


Tape width	Distance	Pull-of force
12 mm	8 mm	10~120g

Transparent carrier and cover tape/透明载带和热封上带，预留前40CM后20CM.编带后需抽真空。



Reel Dimensions (Unit: mm)				Quantity
A	B	C	D	Pcs/Reel
330	100	13	16.5	2000



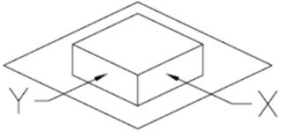
拟制	John	审核	Ruby	批准	Ruby
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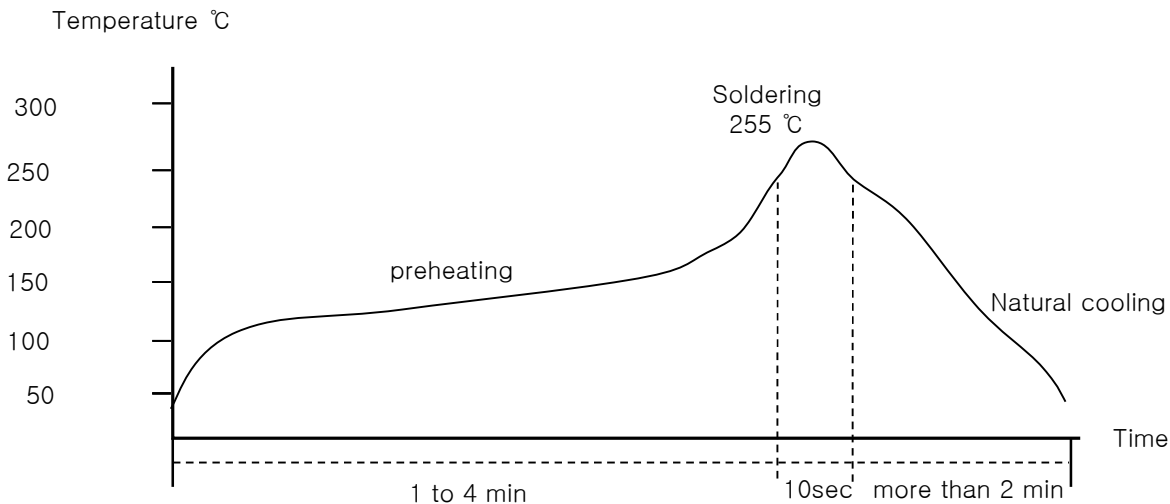
七. 可靠性测试/RELIABILITY TESTING

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 .

拟制	John	审核	Ruby	批准	Ruby
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