

产品承认书

SPECIFICATION FOR APPROVAL

客户名称 <i>CUSTOMER NAME.</i>	
产品类型 <i>PRODUCT TYPE</i>	环形共模电感
客户料号 <i>CUSTOMER P/N</i>	TCM1405C272
料号 <i>OURS P/N</i>	TCM1405C272
文件编号 <i>FILE NO.</i>	

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

客户承认/ <i>CUSTOMER ACCEPTED</i>		
承认 <i>APPROVED</i>	确认 <i>CHECKED</i>	承办 <i>DESIGN</i>
批注/ <i>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	TCM1405C272	版别 REV.	A	
产品类型 PRODUCT TYPE	环形共模电感	品名 OURS P/N	TCM1405C272	文件编号 FILE NO.		
一.外观图/DIMENSION (单位/UNIT: mm)					A	18.5Max
					B	13.5Max
					C	3.0±0.5
					E1	10.0±0.5
					E2	15.0±0.5
					E3	5.0±0.5
					F	0.64Typical
					G	20.5Max

二. 电路图/CIRCUIT DIAGRAM					

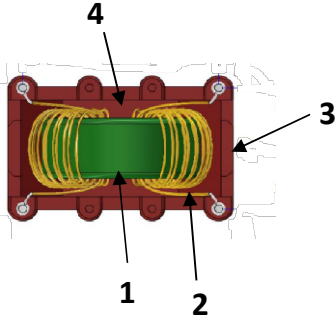
三. 电气特性/ELECTRICAL CHARACTERISTIC			
	Inductance (mH) 10KHZ/50mV	Irate (A) Max	DCR (Ω)Max.
TCM1405C272	2.7+50%/-30%	1.5	0.18
<p>1.All test data is referenced to 25°C ambient.</p> <p>2.Operating temperature range -40°C to +125°C (Including self - temperature rise)</p> <p>3.Irate is defined as the applied current level that cause 35°C temperature rise without force air flow</p> <p>4.Dielectric strength:1500Vrms,winding to winding</p> <p>5. Measure Equipment :</p> <p>L : Wayne kerr 3260B/G LCR Meter (or equivalent), 10KHz 50mV</p> <p>RDC : CHEN HWA502BC/HP4338B (or equivalent)</p> <p>Isat : Wayne kerr 3265B Bias Current Source (or equivalent)</p> <p>Irms : Wayne kerr 3265B Bias Current Source (or equivalent)</p> <p>6.Test Condition:</p> <p>Temperature:26±3°C</p> <p>Humidity:<70% RH</p> <p>Frequency:10KHz 50mV</p>			

拟制	John	审核	Ruby	批准	Ruby
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四. 材料清单/MATERIAL LIST



NO	Items	Materials
1	Core	Mn-Zn
2	Wire	Polyamide-imide Wire or equivalent.
3	Case	PBT/PET
4	EPOXY	Halogen-free

五. 包装规格/TAPING SPECIFICATIONS

散装

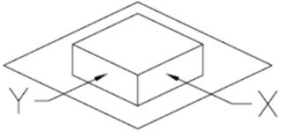
拟制	John	审核	Ruby	批准	Ruby
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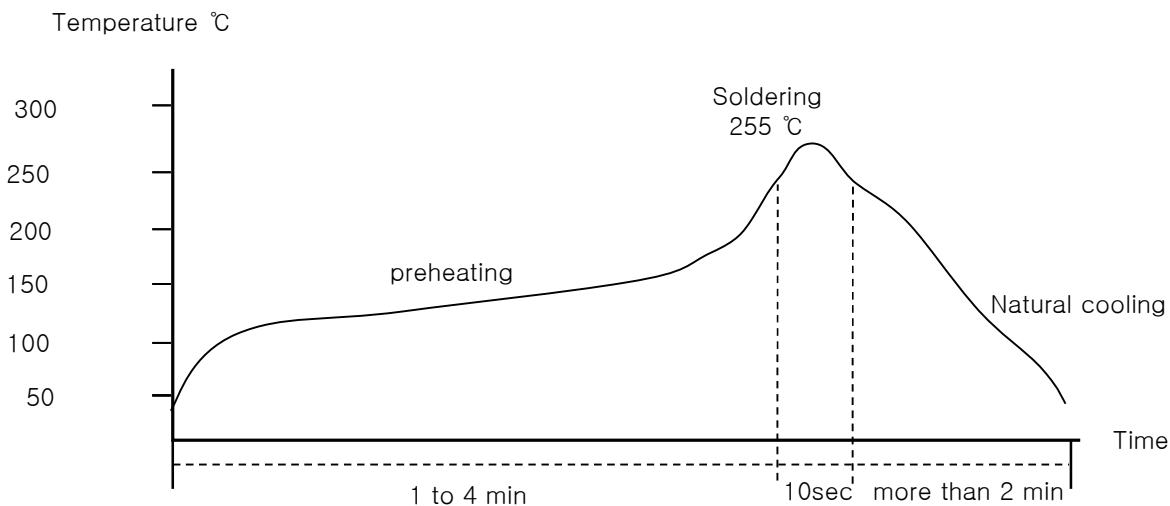
七. 可靠性测试/RELIABILITY TESTING

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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