

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
CUSTOMER P/N

我司料号 CYCIRI5020-102
OURS P/N

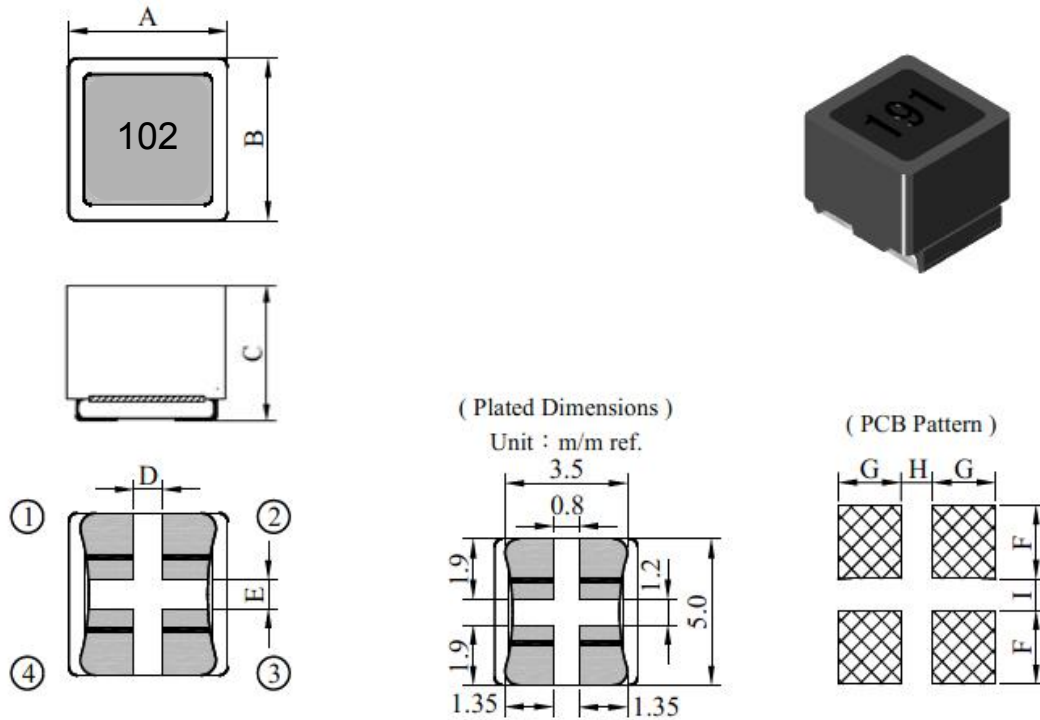
文件编号
FILE NO.

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

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>		

客户名称 CUSTOMER		客户品名 CUSTOMER P/N		版别 REV.	A
产品类型 PRODUCT TYPE	贴片共模电感	我司品名 OURS P/N	CYCIRI5020-102	文件编号 FILE NO.	0

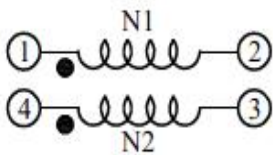
一.外观图/DIMENSION (单位/UNIT : mm)



A	4.8 ±0.2
B	5.0 ±0.2
C	2.5 Max
D	0.8 Typ
E	1.0 Typ
F	2.3 Ref
G	1.6 Ref
H	0.8 Ref
I	1.0 Ref

二.电路图/CIRCUIT DIAGRAM

三.注意事项/NOTE :



四.电气特性/ELECTRICAL CHARACTERISTIC

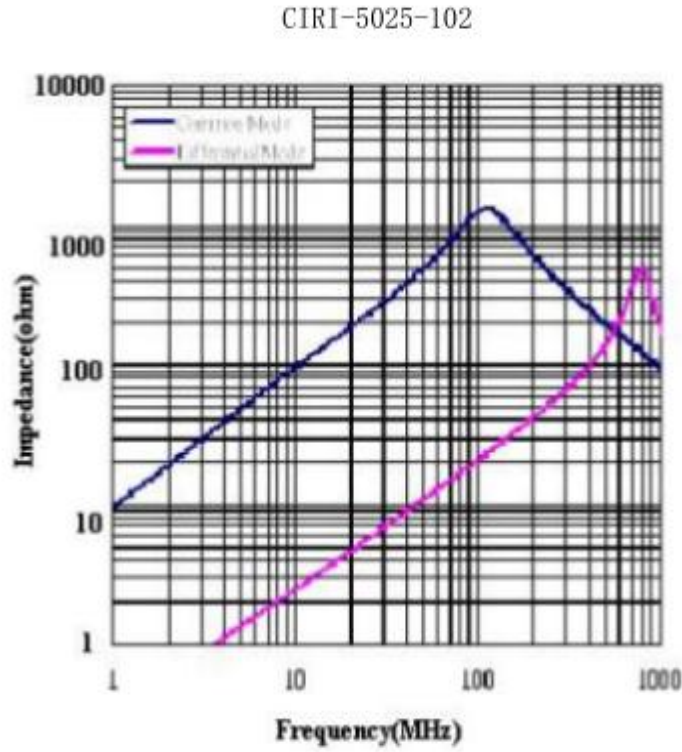
CUSTOMER P/N	Common mode Impedance @100MHz (Ω)	Test Frequency	Rated Voltage (V) MAX	DCR (Ω) ±40%	Rated Current (A) Max.	IR (MΩ) MIN
CIRI-5020-102	1000 (Typ)	100MHz/0.5V	50	0.024	2.0	10

注明：
1.IDC : ΔT=40°C Typ.
2.I.R : 50V(DC)/0.5S,串联测试.

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七.特征曲线/CHARACTERISTICS(REFERENCE)



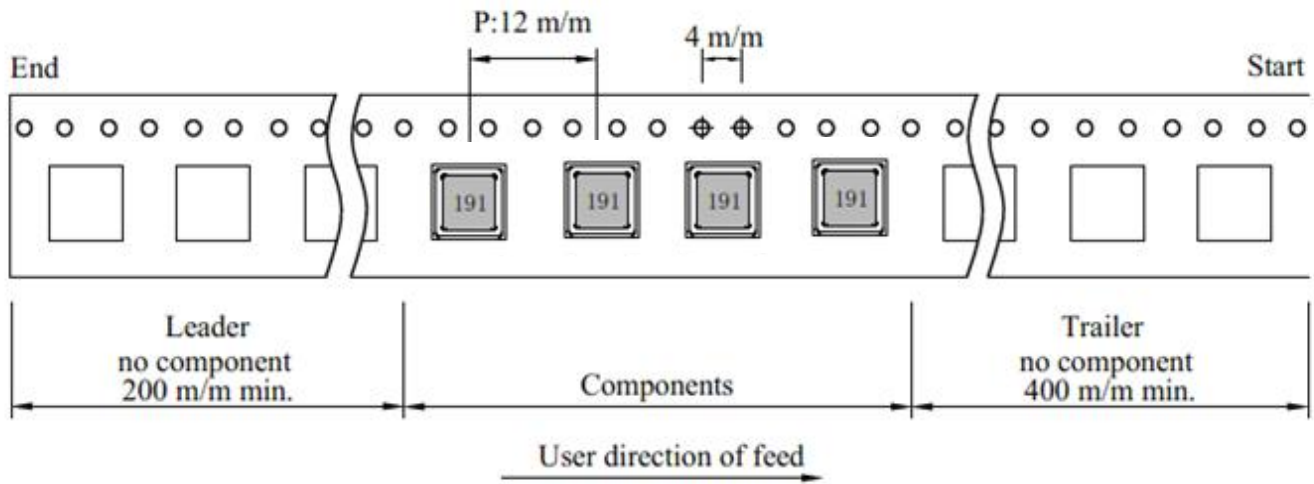
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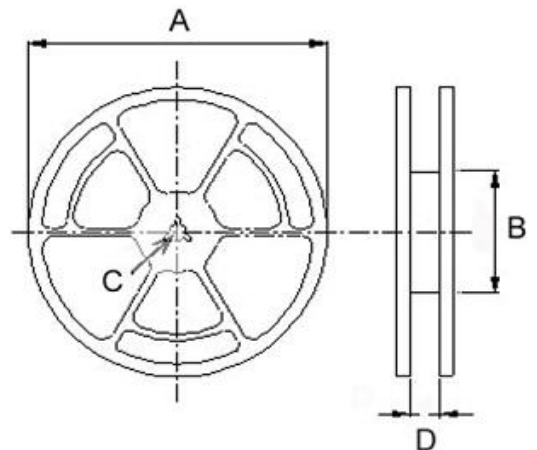
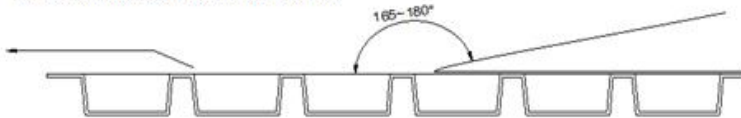
五.材料清单/MATERIAL LIST

NO.	ITEM	DESCRIPTION	SUPPLIER
1	CORE	FERRITE	FENGYIN OR EQ
2	WIRE	P180 Grd1	ELEKTRISOLA OR EQ
3	ADHESIVE	EPOXY RESIN	NAGASE OR EQ
4	SOLDER	Sn99.3:Cu0.7	SHENMAO OR EQ
5	INK	BLACK	BON MARQUE OR EQ

六.编带规格/TAPING SPECIFICATIONS



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



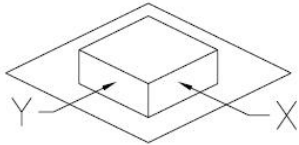
Reel Dimensions (Unit: mm)				Quantity
A	B	C	D	Pcs/Reel
330	100	13	16.5	1000

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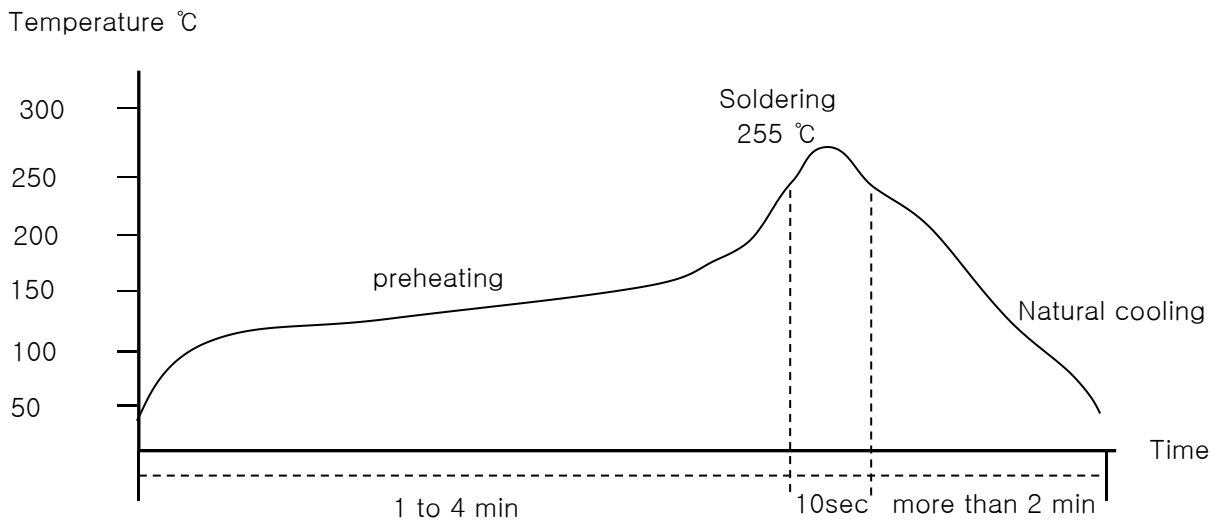
七.可靠性测试/RELIABILITY TESTING

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

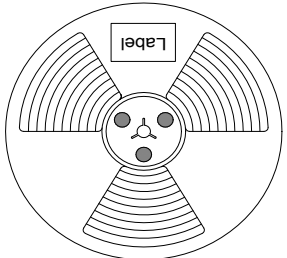
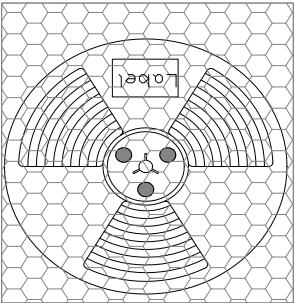
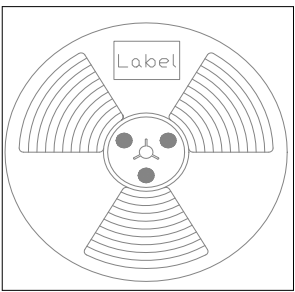
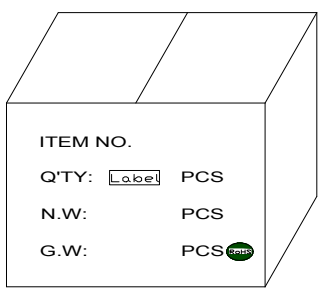
IR Reflow profile



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 style="text-align: center;">↓</p>	<p>1、轮盘规格：13(直径330mm) 数量：1000PCS/盘</p> <p style="text-align: right;">备注：第一行为客户料号 第二行为每卷数量 第三行为生产代码/生产周期</p>
 <p style="text-align: center;">↓</p>	<p>2、数量：1000PCS/袋.</p>
 <p style="text-align: center;">↓</p>	<p>3、数量：3000PCS/盒</p>
	

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