

SPECIFICATION FOR APPROVAL

承 認 書

CUSTOMER

客戶名稱：

NUMBER

編號： 标准

DESCRIPTION

品 名：SMD POWER INDUCTORS

QUANTITY

數量： 10PCS

PART NO.

型 號： BCCM-0905-SERIES

DATE

日期： 2019-4-15

CUSTOMER PART NO.

客戶料號：

NOTE

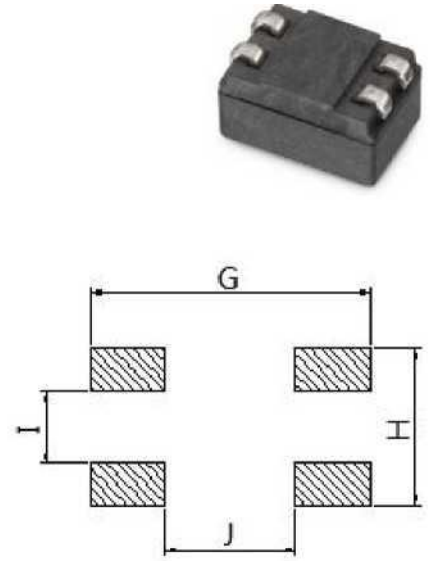
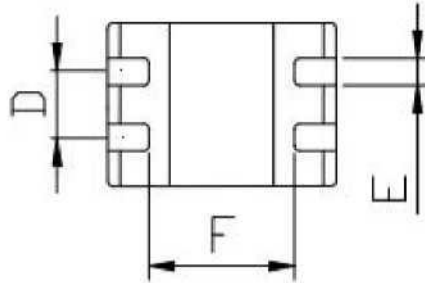
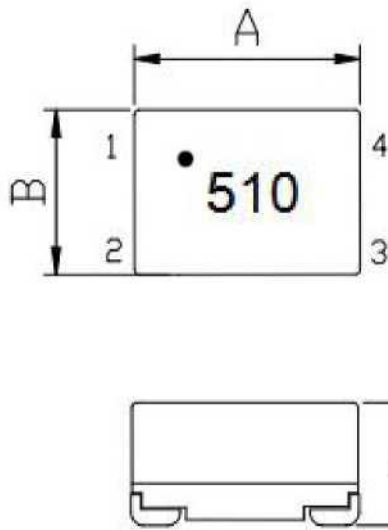
注解：

APPROVAL SIGNATURE
客戶承認簽章

APPROVED BY 核 准	Q.C.DEPT. 品 管	CHECKED BY 核 查	DRAWN BY 制 作

客户名称 CUSTOMER	----	客户品名 CUSTOMER P/N	----	版别 REV.	A
产品类型 PRODUCT TYPE	Common Mode Line Filter	品名 OURS P/N	BCCM-0905C-SERIES	文件编号 FILE NO.	SP-18121202

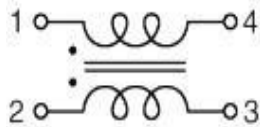
外观图/DIMENSION (单位/UNIT: mm)



Pad Layout

ITEM	A	B	C	D	E	F	G	H	I	J
DIM	9.2	6.0	5.0	2.54	1.00	5.70	9.5	3.74	1.34	5.5
TOLE	±0.3	±0.3	±0.3	±0.2	±0.1	Typ	Typ	Typ	Typ	Typ

二. 电路图/CIRCUIT DIAGRAM



三. 注意事项/NOTE:

1. 印字: Gulim 6.5#, 白色
2. 平整度: 0.1MM MAX

四. 电气特性/ELECTRICAL CHARACTERISTIC

Part Number	Inductance		DC Resistance N1,N2(Ω)	Rated Current (A)Max.	Impedance (Ω) Min	Freq. range (MHz)	Rated Volt. (Vdc)Max	IR (Ω) Min.
	L1=L2 (uH)	1KHz/0.1V						
BCCM-0905C-100Y	10 +50%/-30%	1KHz/0.1V	0.08 Max.	1.6	300	20~200	50	10M
BCCM-0905C-250Y	25 +50%/-30%	1KHz/0.1V	0.16 Max.	1.0	600	5~100	50	10M
BCCM-0905C-400Y	40 +50%/-30%	1KHz/0.1V	0.25 Max.	0.9	800	5~100	50	10M
BCCM-0905C-510Y	51 +50%/-30%	1KHz/0.1V	0.32 Max.	0.8	1000	5~10	50	10M
BCCM-0905C-251Y	250 ±50%	100KHz/5mV	0.13 Max.	1.2	600	5~10	50	10M
BCCM-0905C-471Y	470 ±50%	100KHz/5mV	0.14 Max.	1.1	800	1~50	50	10M
BCCM-0905C-501Y	500 ±50%	100KHz/5mV	0.15 Max.	1.0	900	1~40	50	10M
BCCM-0905C-102Y	1000 ±50%	100KHz/5mV	0.31 Max.	0.8	1000	1~30	50	10M
BCCM-0905C-202Y	2000 ±50%	100KHz/5mV	0.42 Max.	0.6	3000	1~10	50	10M

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Part Number	Inductance L1=L2 (uH)	DC Resistance N1,N2(Ω)	Rated Current (A)Max.	Impedance (Ω) Min	Freq. range (MHz)	Rated Volt. (Vdc)Max	IR (Ω) Min.
BCCM-0905C-472Y	4700 ±50% 100KHz/5mV	0.90 Max.	0.4	3000	0.5~5	50	10M
BCCM-0905C-652Y	6500 ±50% 100KHz/5mV	1.05 Max.	0.3	4000	0.3~2	50	10M

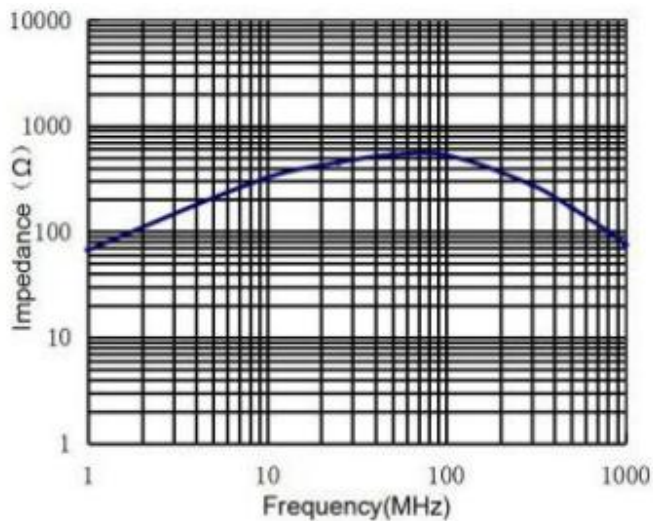
- (1) .Rated Current:: Temp.rise 40°C Typ
- (2) .Operating Temperature: -20°C up to +80°C
- (3) .Storage Temperature: -20°C up to +40°C, 75% RH max.

五.材料清单/MATERIAL LIST

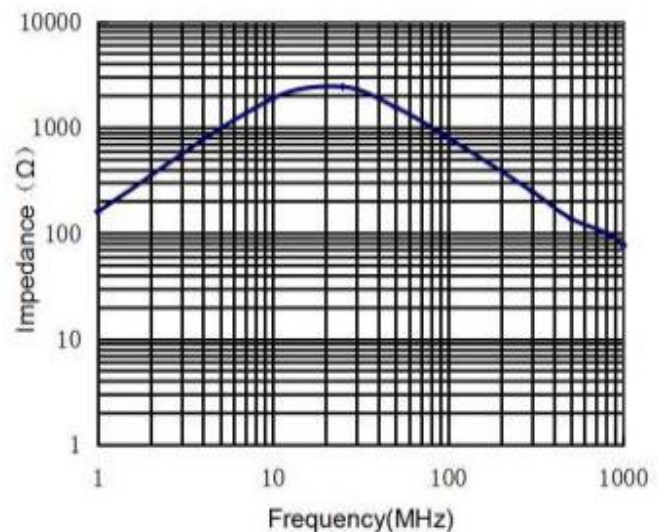
NO.	ITEM	DESCRIPTION
1	CORE	FERRITE
2	CASE	LCP SC-0186
3	WIRE	P180 Grd1
4	ADHESIVE	XNR-3614
5	TIN	107H
6	INK	WHITE

六.特征曲线 /CHARACTERISTICS (REFERENCE)

BCCM-0905C-100

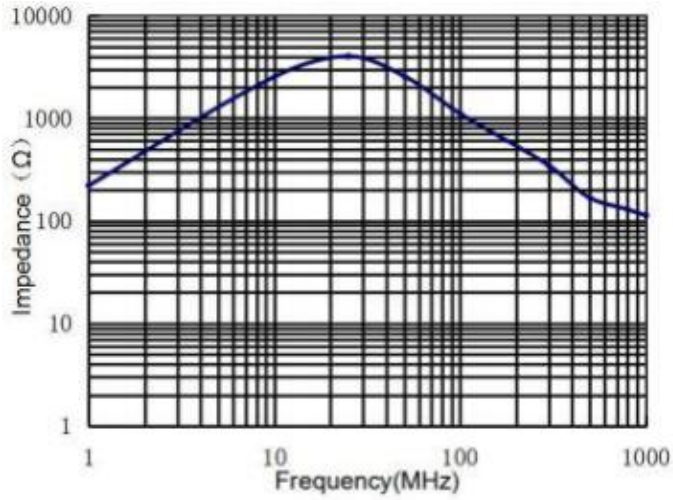


BCCM-0905C-250

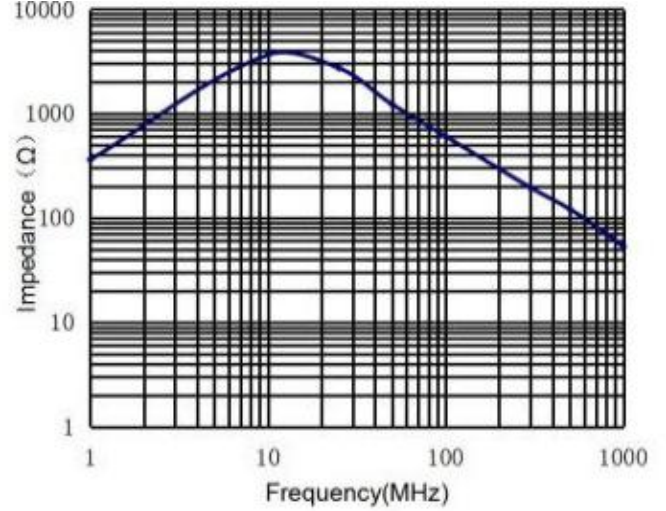


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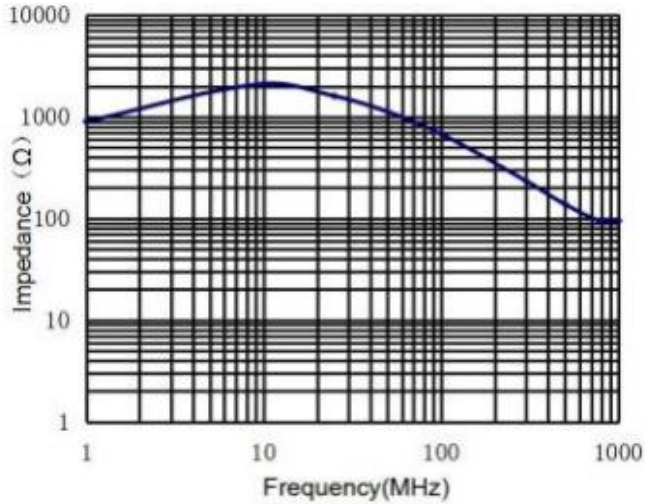
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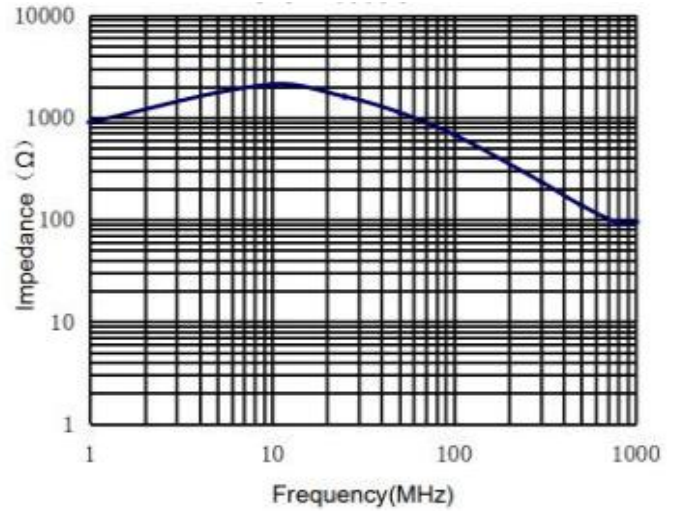
BCCM-0905C-510



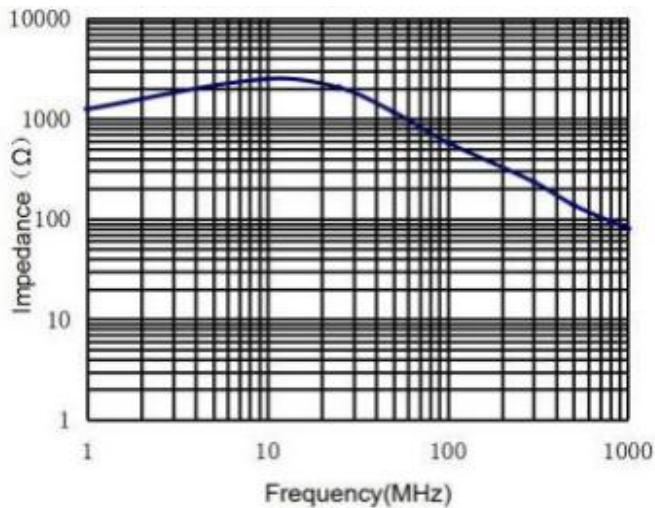
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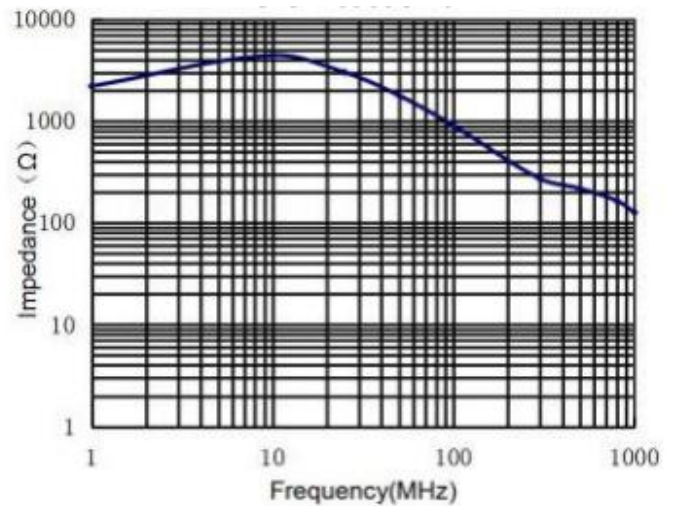
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BCCM-0905C-501



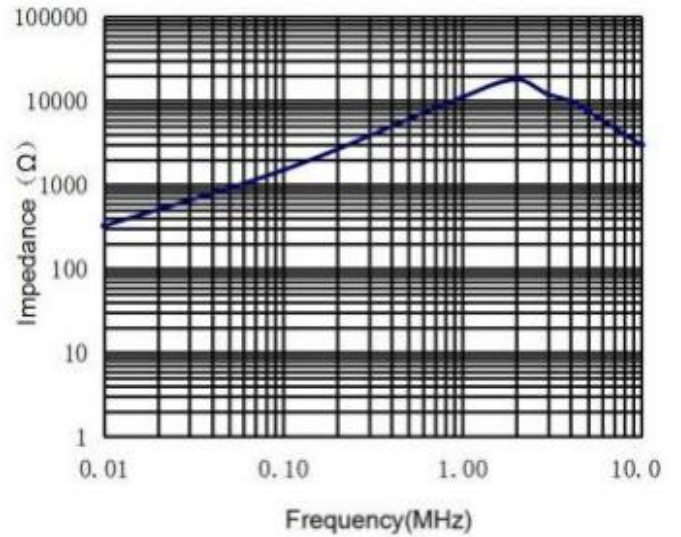
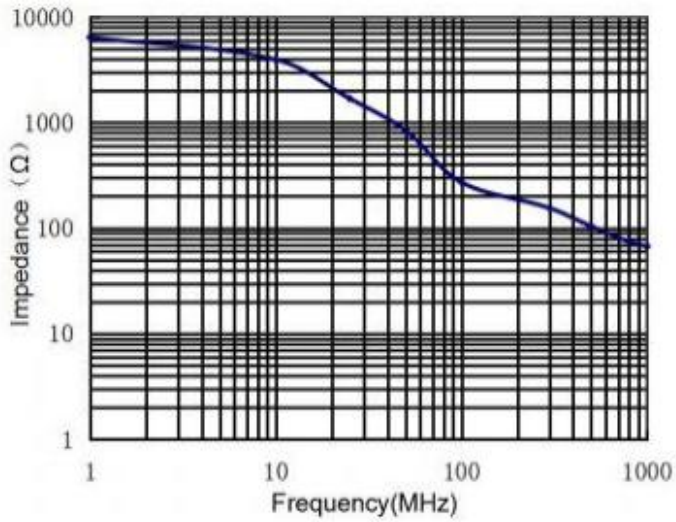
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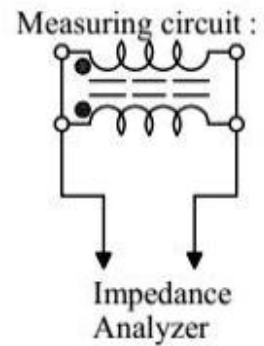
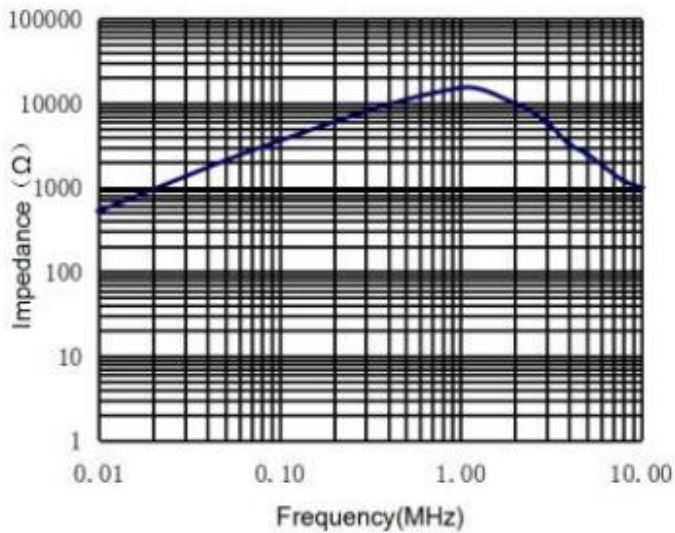
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BCCM-0905C-202

BCCM-0905C-472



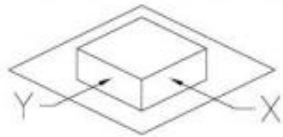
BCCM-0905C-652



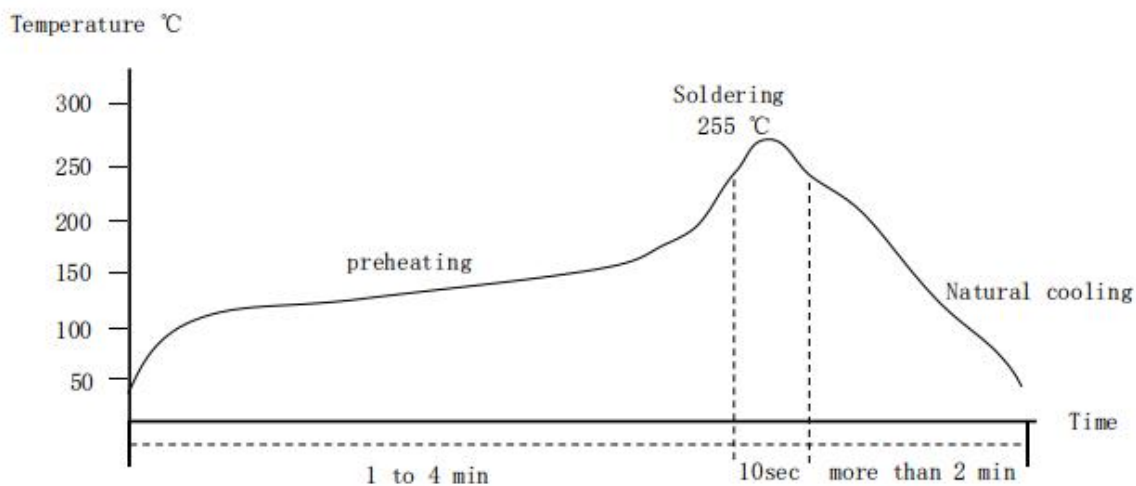
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七. 可靠性测试/RELIABILITY TESTING

Operating Temperature	- 20 to +80 °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 (- 20~ + 80 °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 conditi
A test is made under the above mentioned condition , and it is kept for 2 hours in the normal	



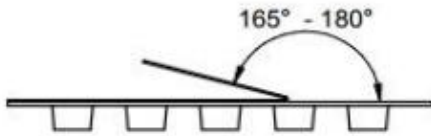
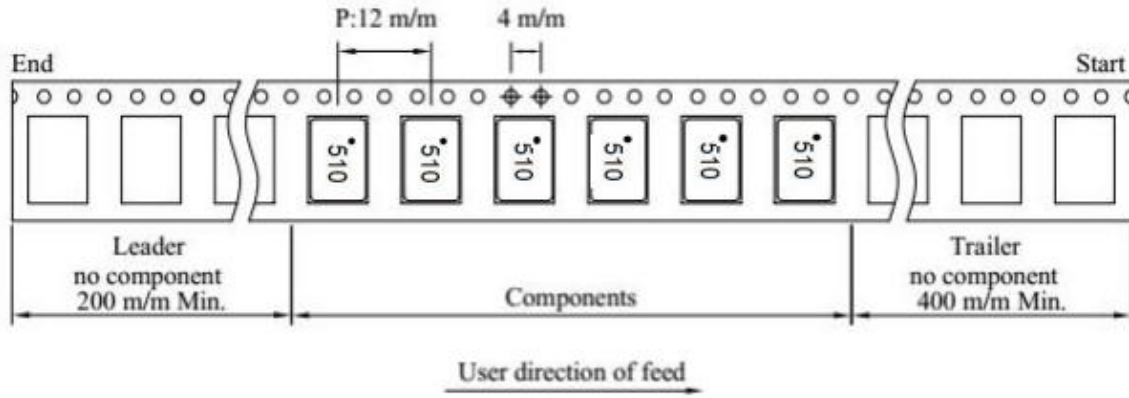
IR Reflow profile



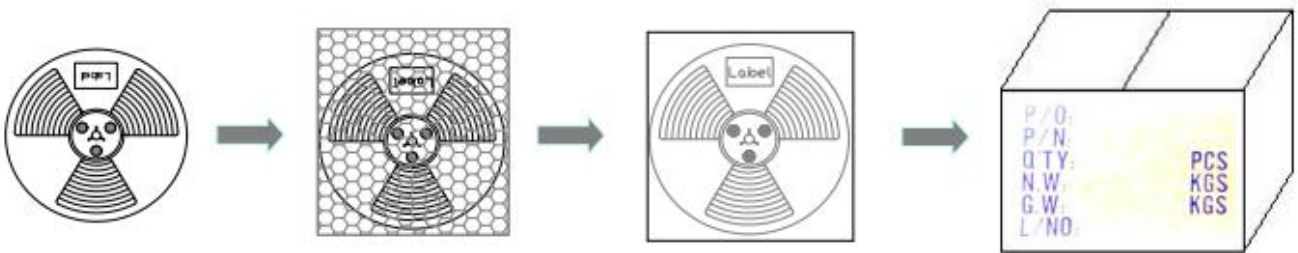
Temperature and humidity . After that , no mechanical and electrical defect should be four

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八.包装规格/PACKING SPECIFICATIONS (单位/UNIT: mm)



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



轮盘: 13' (直径330mm)
数量: 1000PCS/盘

PE袋
数量: 3000PCS/袋

内盒
数量: 3000PCS/盒

外箱, 数量: 15000PCS/箱
不足整箱用内盒或填充物装满