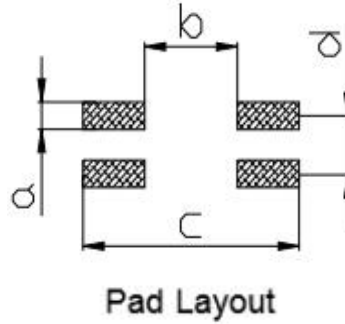
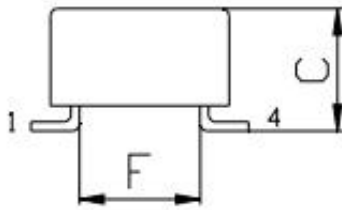
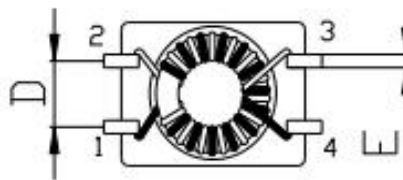
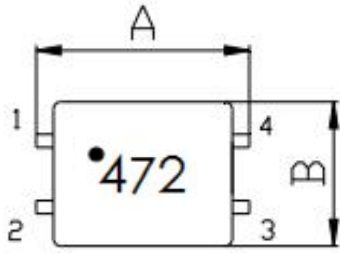


客户名称 CUSTOMER	-----	客户品名 CUSTOMER P/N	-----	版别 REV.	A
产品类型 PRODUCT TYPE	Common Mode Line Filter	中晟品名 OURS P/N	DG-C-0904-SERIES	日期 Date	

一.外观图/DIMENSION (单位/UNIT : mm)

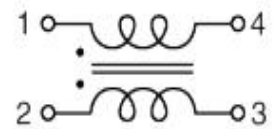


A	9.5 Max
B	5.6 Max
C	5.2 Max
D	2.54 Typ
E	0.50 Typ
F	5.50 Typ
a	1.00 Typ
b	4.50 Typ
c	10.5 Typ
d	2.54 Typ

二.注意事项/NOTE :

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

三.电路图/CIRCUIT DIAGRAM



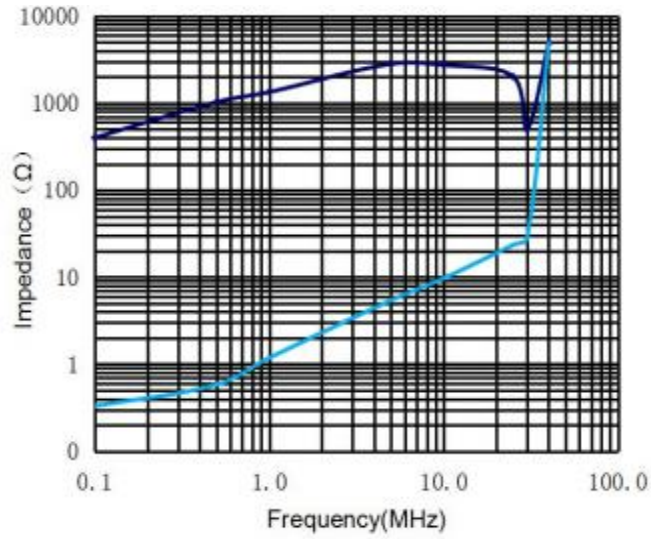
四.电气特性/ELECTRICAL CHARACTERISTIC

Part Number	Inductance +50%/-30% @100KHz/0.1V	Leakage Inductance L1-4(2-3short) @100KHz/0.1V	DC Resistance (mΩ) Max	Current Rating (A)	Impedance (Ω) Min	Freq. range (MHz)	Rated Volt. (Vdc)Max.
DG-C-0904-471	470 uH	0.28 uH Typ	280	4.5	1200	2-15	50V

- (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.

客户名称 CUSTOMER	-----	客户品名 CUSTOMER P/N	-----	版别 REV.	A
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DG-C-0904-471

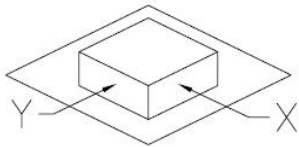


— Common Mode  
— Differential Mode

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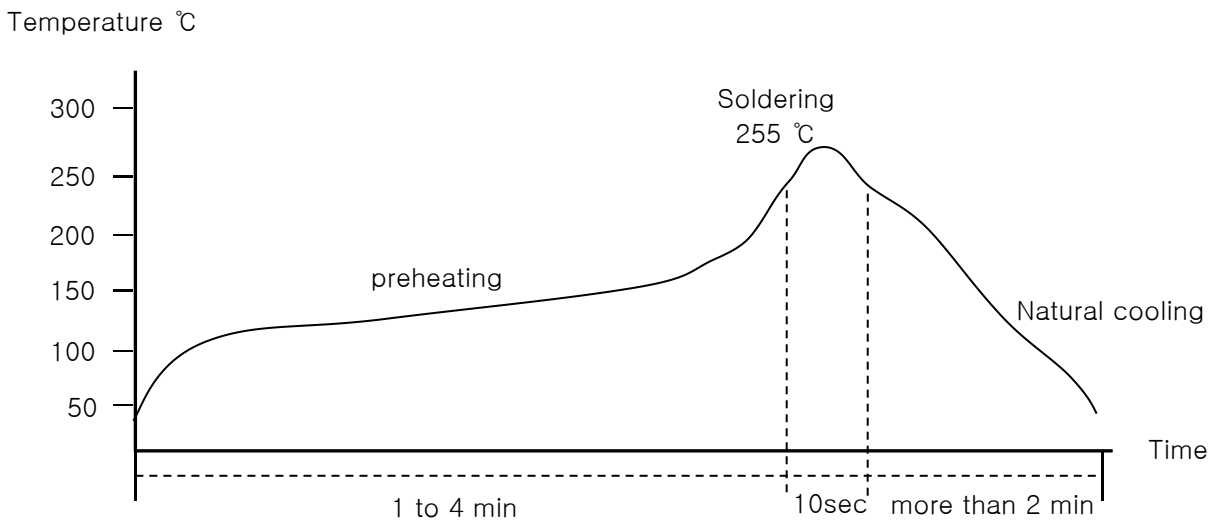
六.可靠性测试/RELIABILITY TESTING

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



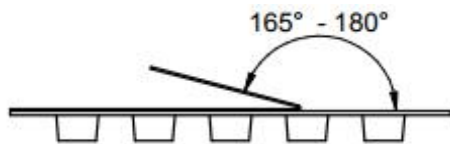
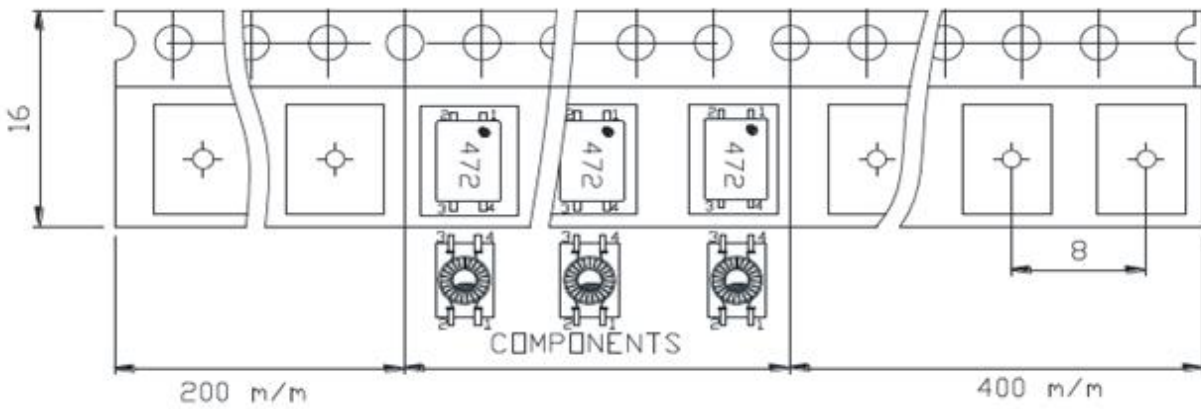
Temperature and humidity . After that , no mechanical and electrical defect should be found .

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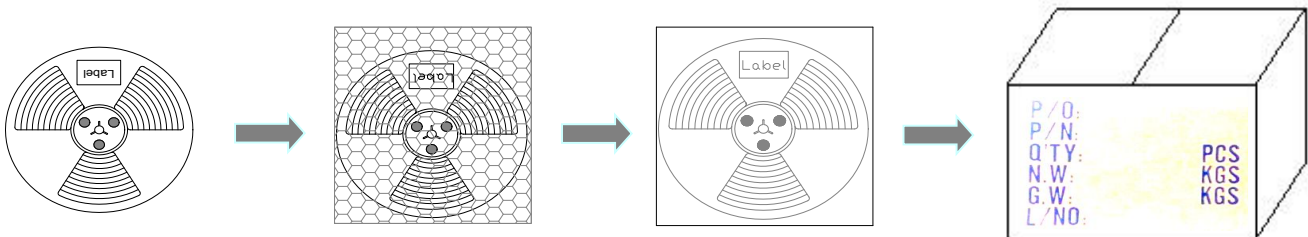
七.材料清单/MATERIAL LIST

NO.	ITEM	DESCRIPTION	SUPPLIER
1	CORE	FERRITE	FENGYIN OR EQ
2	CASE	PM-9630	SHUO CHENG OR EQ
3	WIRE	P180 Grd1	ELEKTRISOLA OR EQ
4	ADHESIVE	XNR3614	CHANGLAI OR EQ
5	TIN	107H	SHENMAO OR EQ
6	INK	WHITE	BON MARQUE OR EQ

八.包装规格/PACKING SPECIFICATIONS



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



轮盘：13'(直径330mm)  
数量：1500PCS/盘

PE袋  
数量：4500PCS/袋

内盒  
数量：4500PCS/盒

外箱，数量：22500PCS/箱  
不足整箱用内盒或填充物  
装满