

PECIFICATION FOR APPROVAL

承 認 書

CUSTOMER

NUMBER

客戶名稱：

编号: BCD-18060101

DESCRIPTION

QUANTITY

品 名：贴片共模电感

數量： 10PCS

PART NO.

DATE

型 號：BCCM-0904-SERIES

日期： 2018/06/01

CUSTOMER PART NO.

NOTE

客戶料號：

注解：

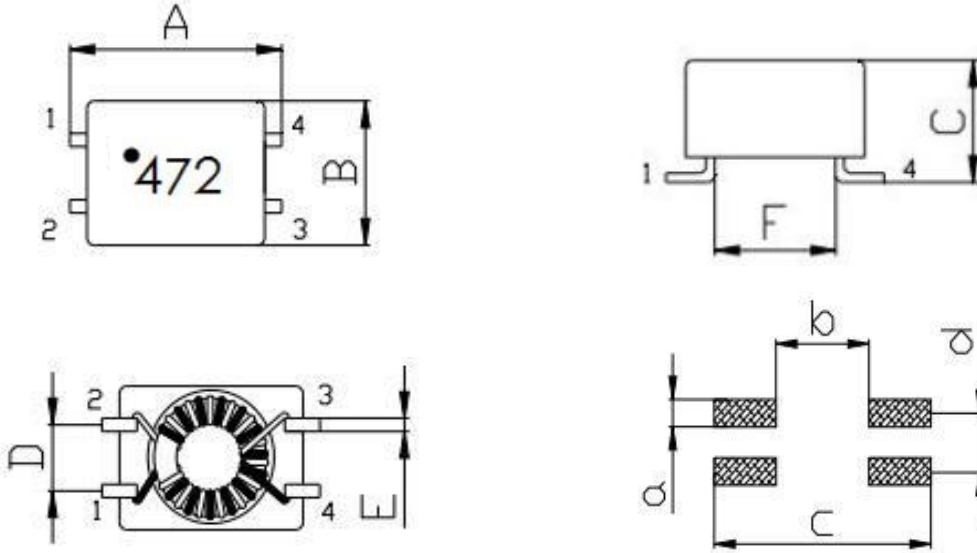
APPROVAL SIGNATURE

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-0904-SERIES	文件编号 FILE NO.	BCD-18060101

一.外观图/DIMENSION (单位/UNIT : mm)

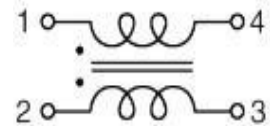


A	9.5 Max
B	5.6 Max
C	5.2 Max
D	2.54 Typ
E	0.50 Typ
F	5.50 Typ
a	1.00 Typ
b	4.50 Typ
c	10.5 Typ
d	2.54 Typ

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

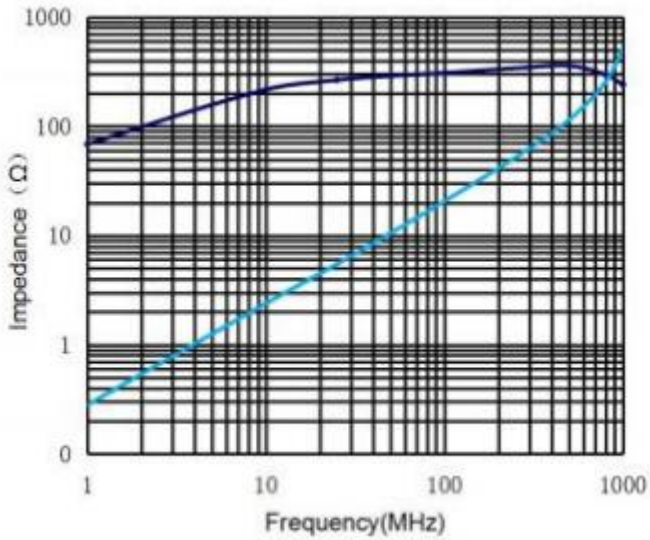
Part Number	Inductance +50%/-30% @100KHz/0.1V	Leakage Inductance L1-4(2-3short) @100KHz/0.1V	DC Resistance (mΩ) Max	Current Rating (A)	Impedance (Ω) Min	Freq. range (MHz)	Rated Volt. (Vdc)Max.
BCCM-0904-110	11 uH	0.08 uH Typ	120	0.5	160	20-300	50V
BCCM-0904-250	25 uH	0.15 uH Typ	200	0.5	450	20-150	50V
BCCM-0904-510	51 uH	0.20 uH Typ	300	0.5	800	20-100	50V
BCCM-0904-101	100 uH	0.25 uH Typ	100	0.5	600	3-20	50V
BCCM-0904-471	470 uH	0.28 uH Typ	280	0.5	1200	2-15	50V
BCCM-0904-102	1000 uH	0.28 uH Typ	300	0.5	1800	1-10	50V
BCCM-0904-222	2200 uH	0.29 uH Typ	400	0.5	3000	0.8-5	50V
BCCM-0904-472	4700 uH	0.30 uH Typ	700	0.2	5000	0.5-3	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.

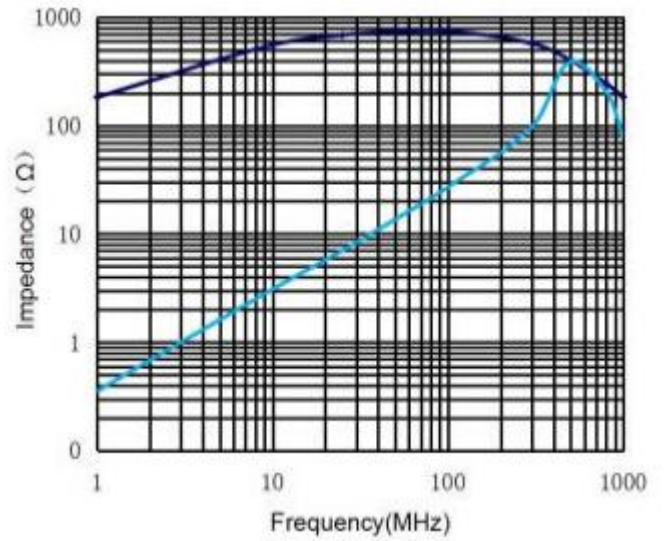
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五.特征曲线/CHARACTERISTICS(REFERENCE)

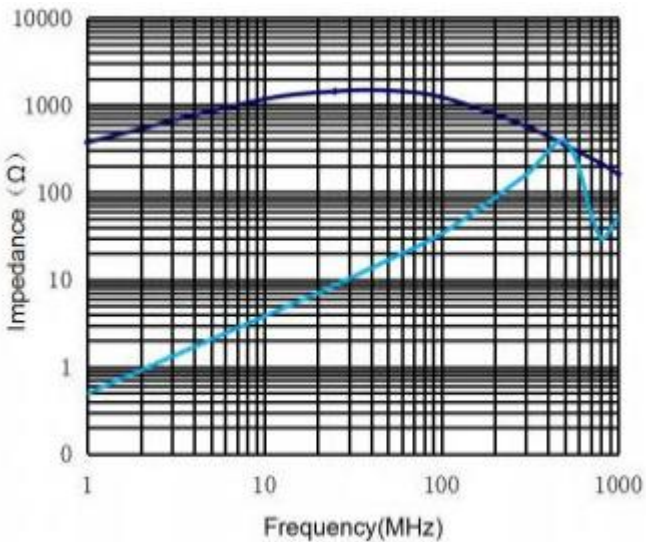
BCCM-0904-110



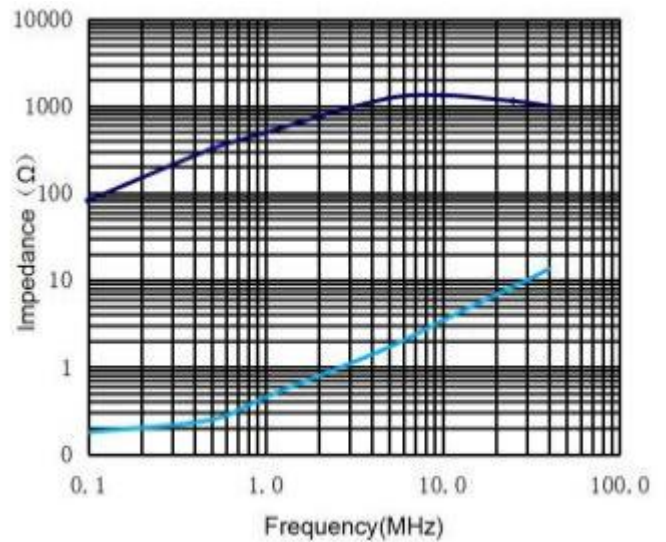
BCCM-0904-250



BCCM-0904-510



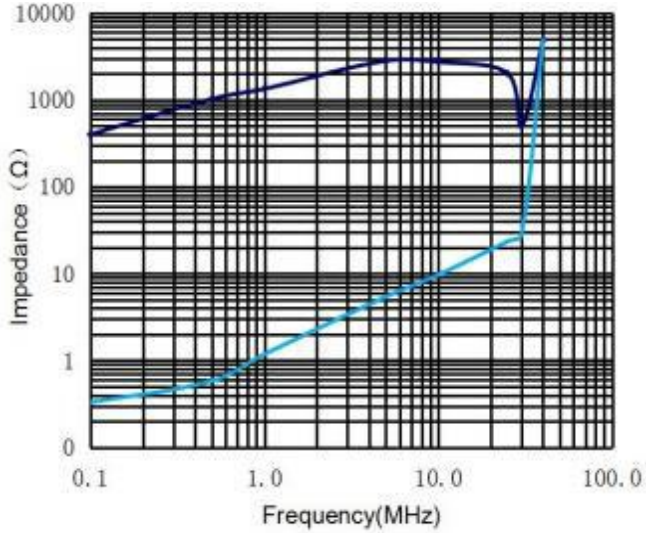
BCCM-0904-101



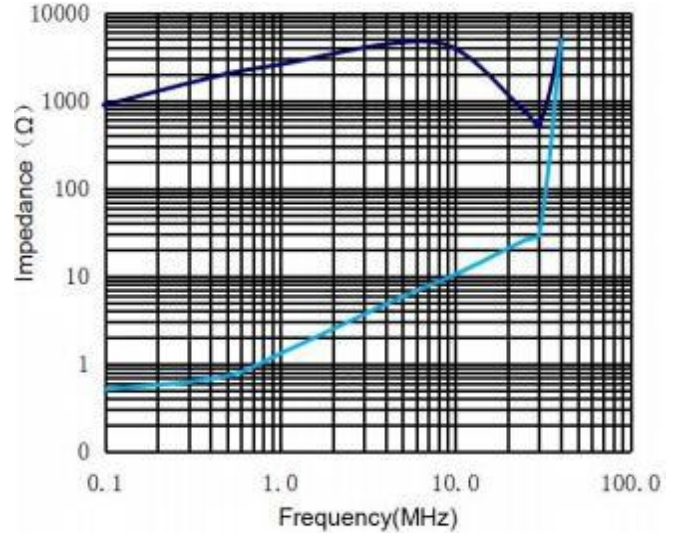
— Common Mode
— Differential Mode

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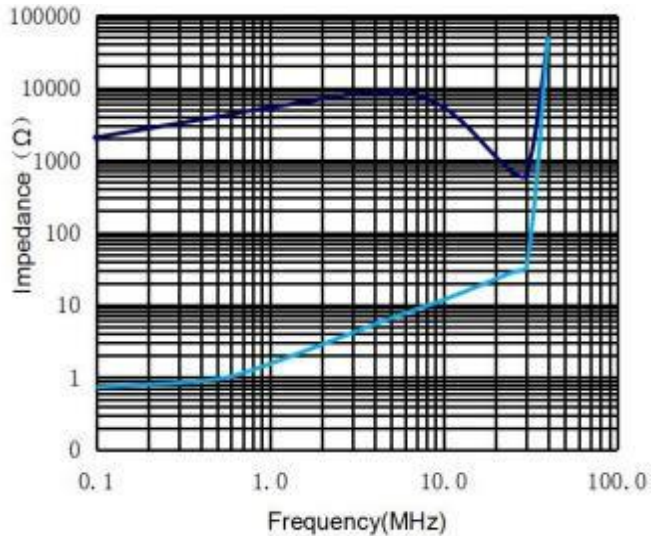
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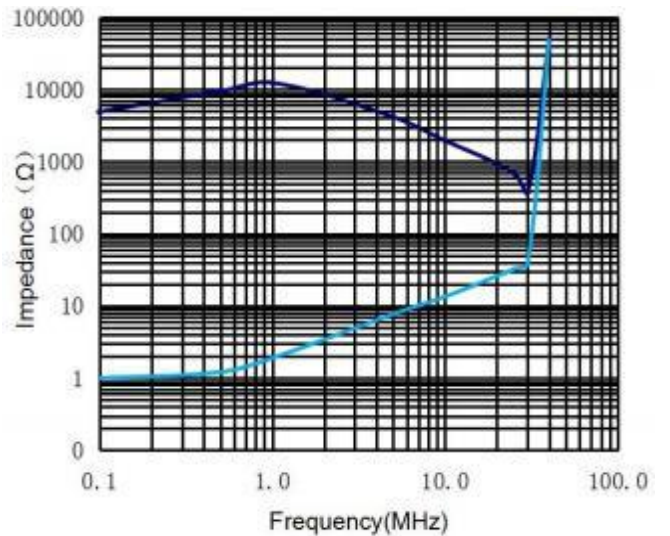
BCCM-0904-102





BCCM-0904-222



BCCM-0904-472

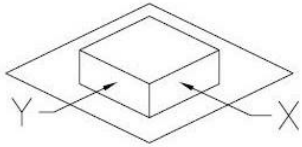


 Common Mode
 Differential Mode

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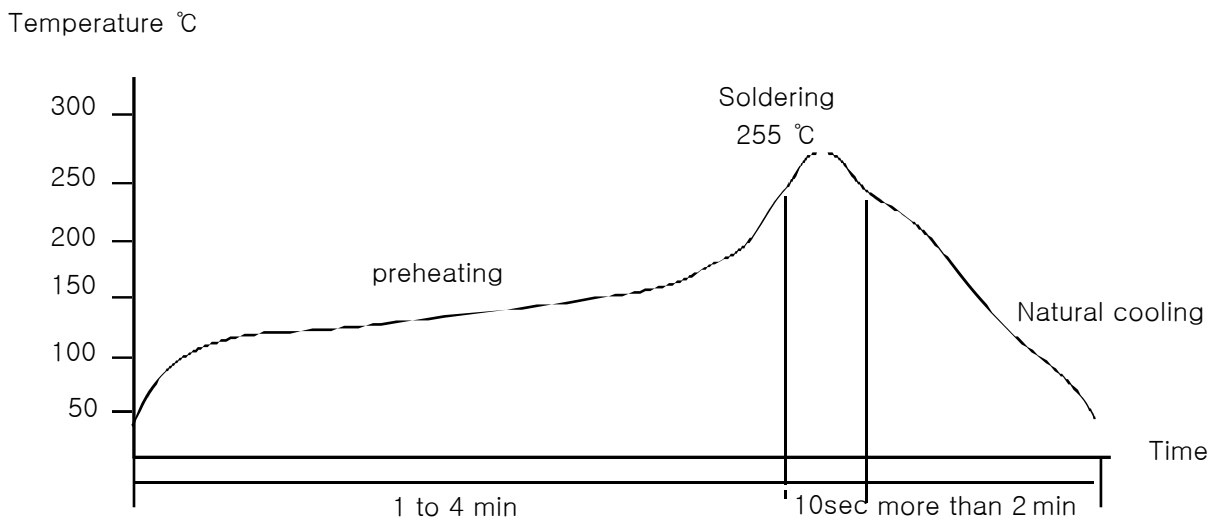
六.可靠性测试/RELIABILITY TESTING

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



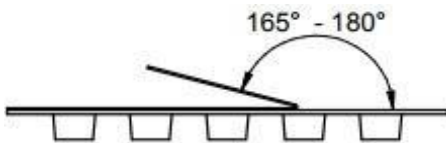
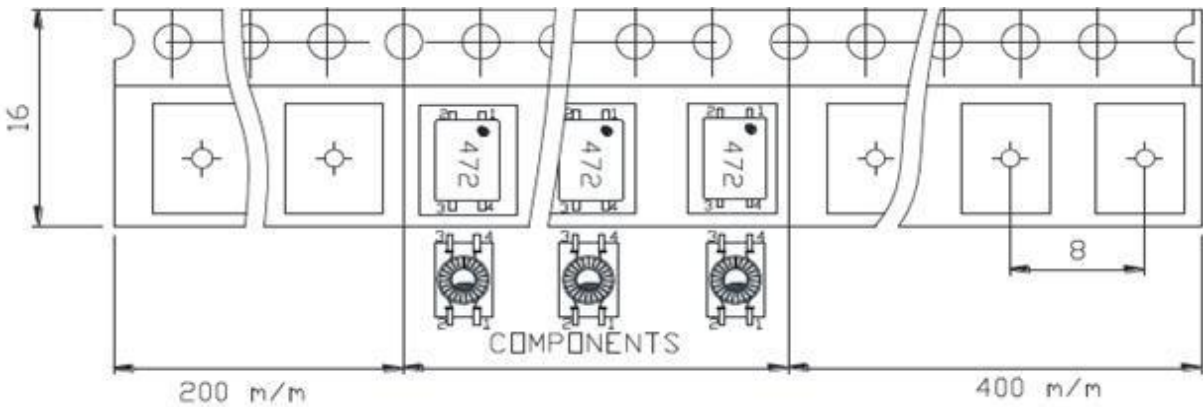
Temperature and humidity . After that , no mechanical and electrical defect should be found .

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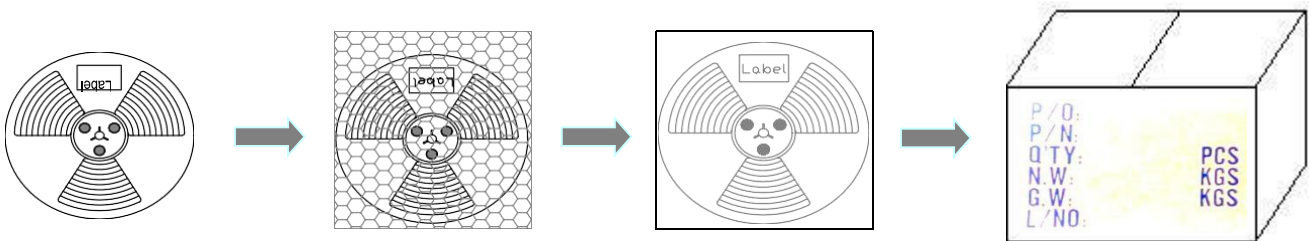
七.材料清单/MATERIAL LIST

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