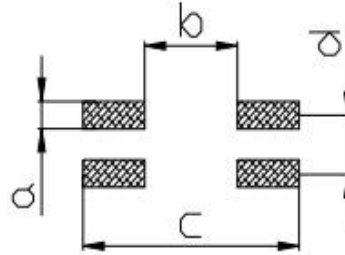
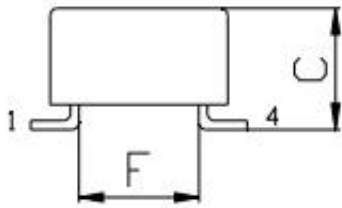
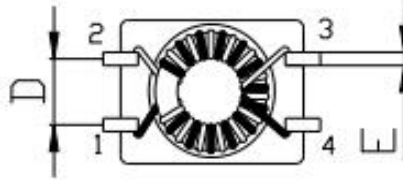
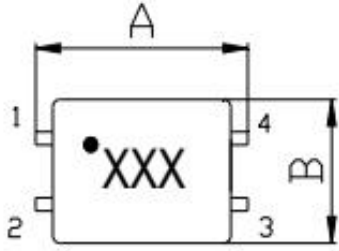


客户名称 CUSTOMER		客户品名 CUSTOMER P/N		版别 REV.	A
产品类型 PRODUCT TYPE	Common Mode Line Filter	品名 OURS P/N	HKCM-0904-SERIES	文件编号 FILE NO.	HKX200618

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

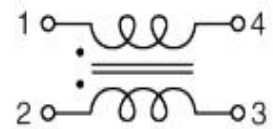
d 2.54 Typ

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.
HKCM-0904-110	11 uH	0.08 uH Typ	120	0.5	160	20-300	50V
HKCM-0904-250	25 uH	0.15 uH Typ	200	0.5	450	20-150	50V
HKCM-0904-510	51 uH	0.20 uH Typ	300	0.5	800	20-100	50V
HKCM-0904-101	100 uH	0.25 uH Typ	100	0.5	600	3-20	50V
HKCM-0904-471	470 uH	0.28 uH Typ	280	0.5	1200	2-15	50V
HKCM-0904-102	1000 uH	0.28 uH Typ	300	0.5	1800	1-10	50V
HKCM-0904-222	2200 uH	0.29 uH Typ	400	0.5	3000	0.8-5	50V
HKCM-0904-472	4700 uH	0.30 uH Typ	700	0.2	5000	0.5-3	50V

(1).Rated Current: Temp.rise 40°C Typ

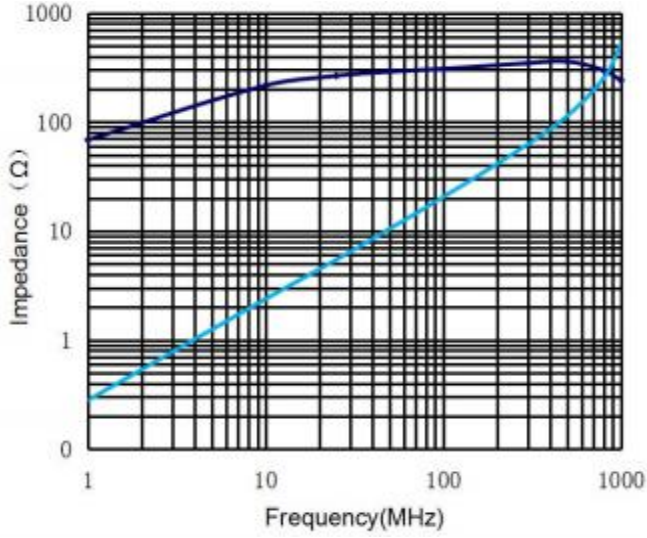
(2).Operating Temperature: -20°C up to +80°C

(3).Storage Temperature: -20°C up to +40°C, 75% RH max

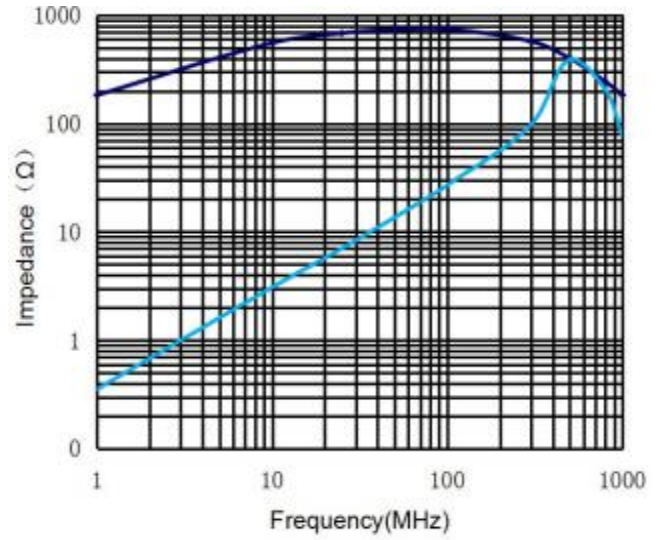
客户名称 CUSTOMER		客户品名 CUSTOMER P/N		版别 REV.	A
产品类型 PRODUCT TYPE	Common Mode Line Filter	品名 OURS P/N	HKCM-0904-SERIES	文件编号 FILE NO.	HKX200618

五.特征曲线/CHARACTERISTICS(REFERENCE)

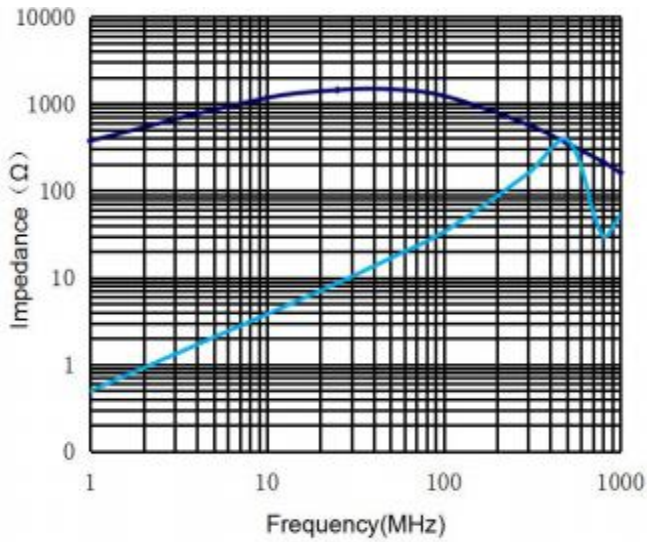
HKCM-0904-110



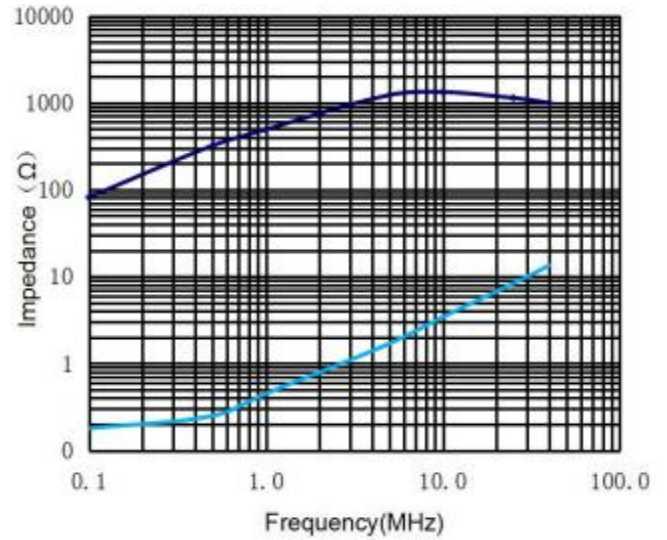
HKCM-0904-250





HKCM-0904-510



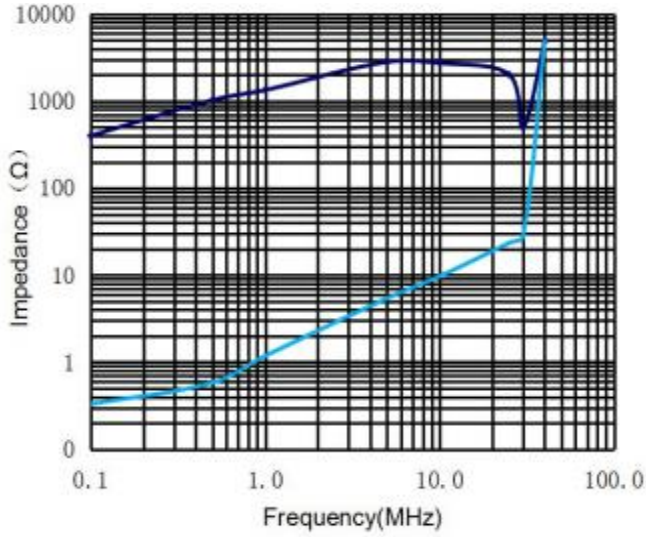
HKCM-0904-101



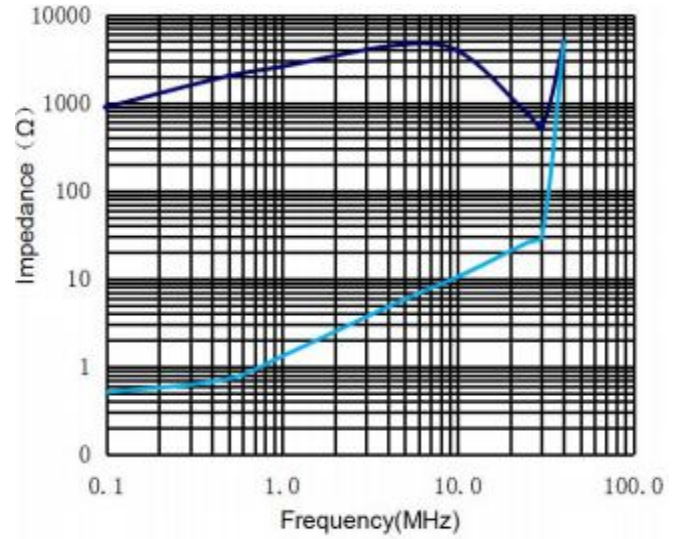
 Common Mode
 Differential Mode

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	HKCM-0904-SERIES	文件编号 FILE NO.	HKX200618

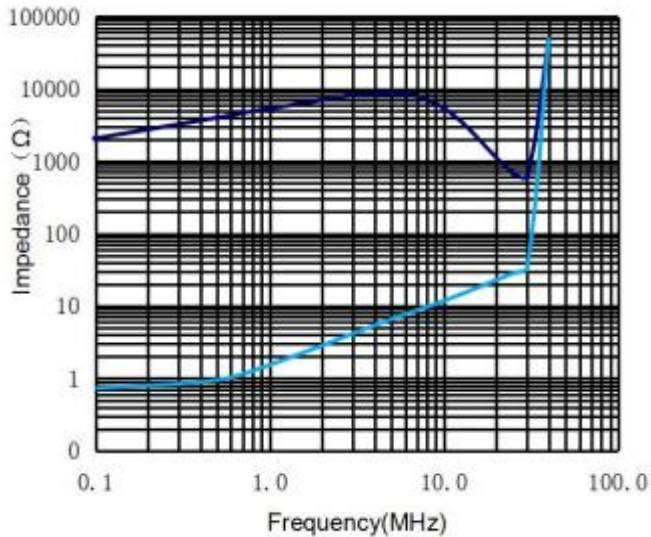
HKCM-0904-471



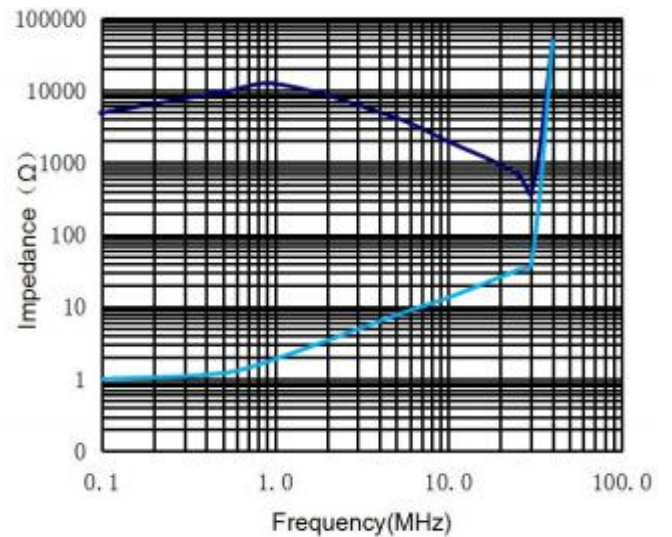
HKCM-0904-102



HKCM-0904-222



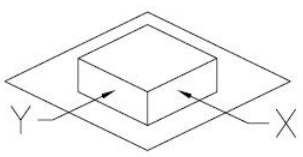
HKCM-0904-472



— Common Mode
— Differential Mode

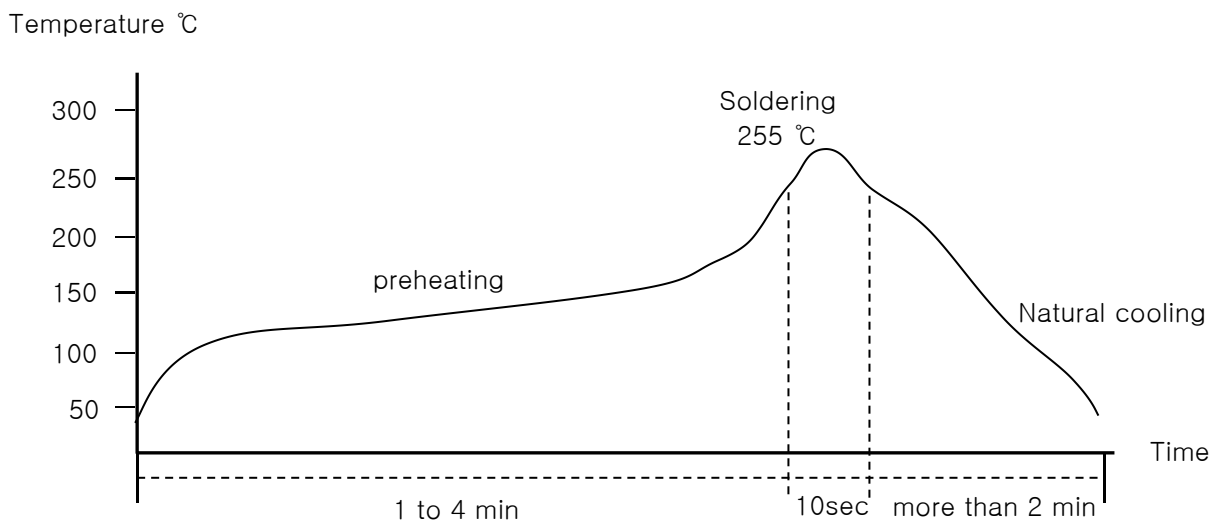
客户名称 CUSTOMER		客户品名 CUSTOMER P/N		版别 REV.	A
产品类型 PRODUCT TYPE	Common Mode Line Filter	品名 OURS P/N	HKCM-0904-SERIES	文件编号 FILE NO.	HKX200618

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



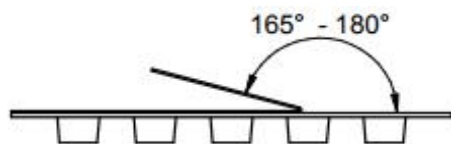
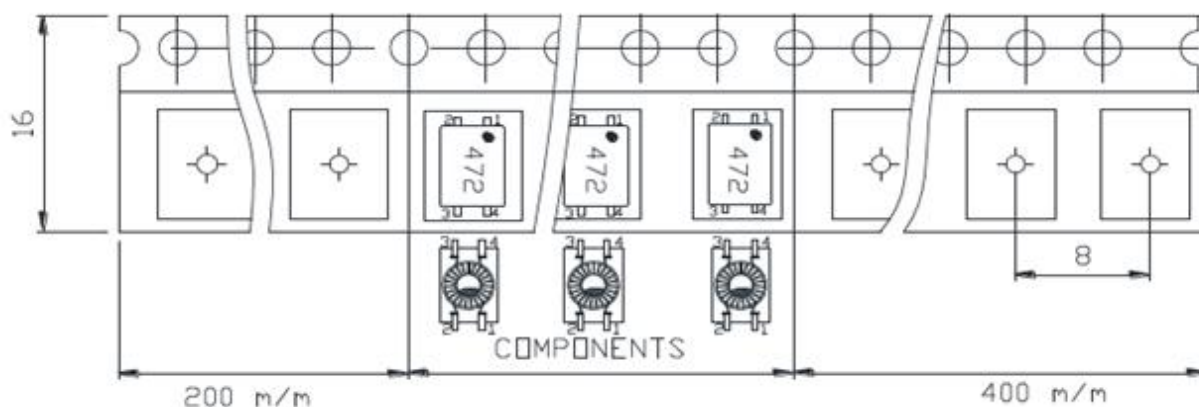
Temperature and humidity . After that , no mechanical and electrical defect should be found .

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	HKCM-0904-SERIES	文件编号 FILE NO.	HKX200618

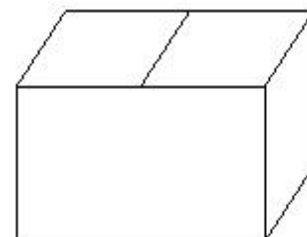
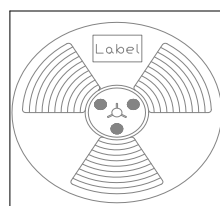
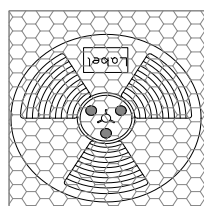
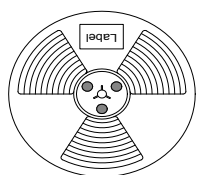
七.材料清单/MATERIAL LIST

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