

产品承认书

SPECIFICATION FOR APPROVAL

客户名称
CUSTOMER NAME

产品类型
PRODUCT TYPE Common Mode Line Filter

客户料号
CUSTOMER P/N

丰辉旺料号
OURS P/N FHWM-0904-SERIES

文件编号
FILE NO. SMD-2019-07022

客户承认/CUSTOMER ACCEPTED

承认
APPROVED

确认
CHECKED

承办
DESIGN

批注/REMARK

批准
APPROVED

确认
CHECKED

作成
DESIGN

程志华

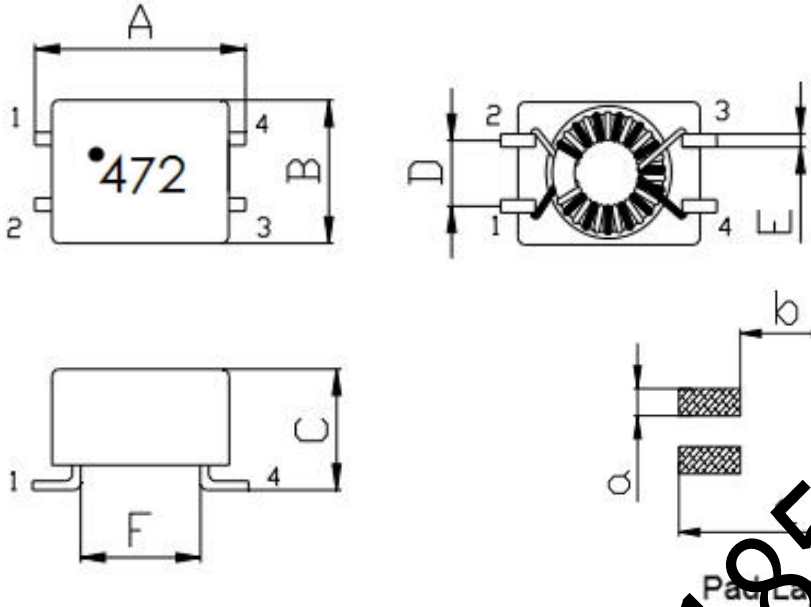
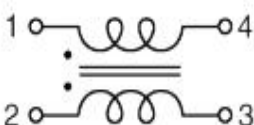
陈尧

潘立

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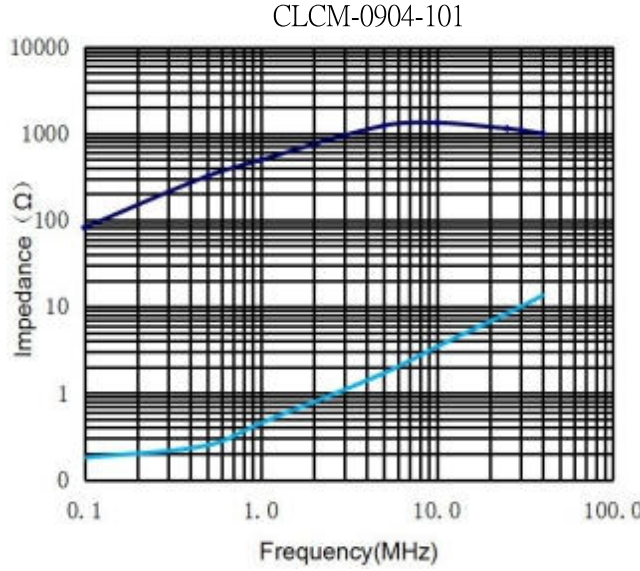
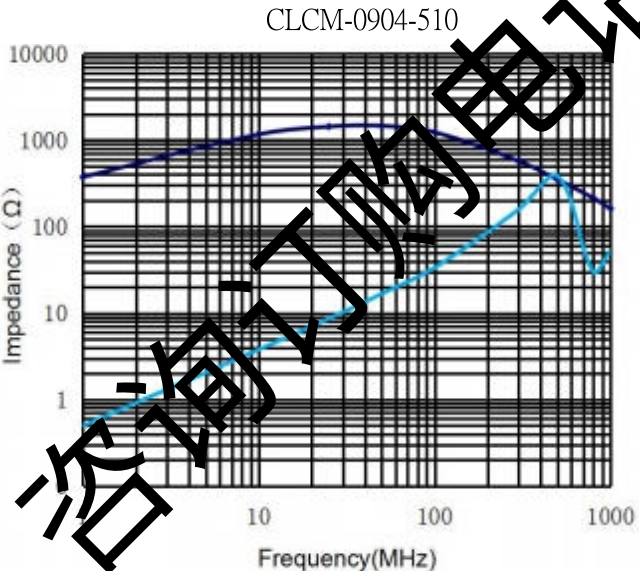
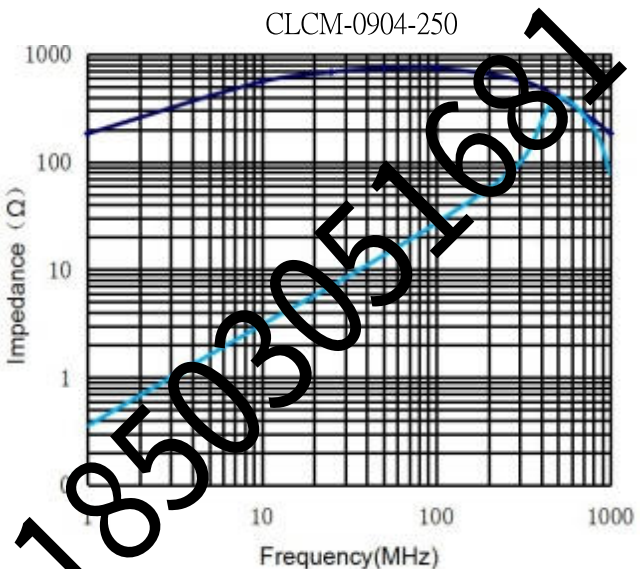
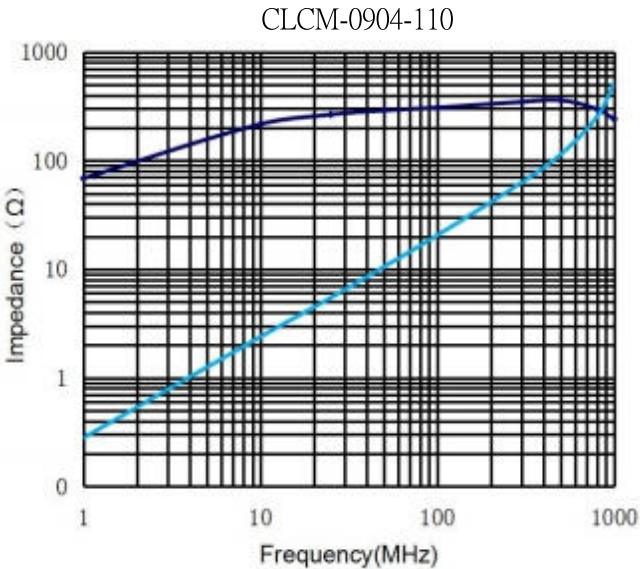
承认书/*SPECIFICATION FOR APPROVAL*

[illegible]

客户名称 CUSTOMER	-----	客户品名 CUSTOMER P/N	-----	版别 REV.	1.1		
产品类型 PRODUCT TYPE	Common Mode Line Filter	OURS P/N	CLCM-0904-SERIES	文件编号 FILE NO.	SP-18121701		
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	0.50 Typ		
				a	1.00 Typ		
				b	4.50 Typ		
				c	10.5 Typ		
				d	2.54 Typ		
二.注意事项/NOTE :				三.电路图/CIRCUIT DIAGRAM			
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 +50%/-0% @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.
CLCM-0904-110	110 uH	0.08 uH Typ	120	1.0	160	20-300	50V
CLCM-0904-250	250 uH	0.15 uH Typ	200	0.9	450	20-150	50V
CLCM-0904-510	510 uH	0.20 uH Typ	300	0.8	800	20-100	50V
CLCM-0904-100	100 uH	0.25 uH Typ	100	0.7	600	3-20	50V
CLCM-0904-471	470 uH	0.28 uH Typ	280	0.7	1200	2-15	50V
CLCM-0904-102	1000 uH	0.28 uH Typ	300	0.7	1800	1-10	50V
CLCM-0904-222	2200 uH	0.29 uH Typ	400	0.5	3000	0.8-5	50V
CLCM-0904-472	4700 uH	0.30 uH Typ	700	0.4	5000	0.5-3	50V
(1).Rated Current: Temp.rise 40℃ Typ (2).Operating Temperature: -40℃ up to +85℃ (3).Storage Temperature: -40℃ up to +85℃							

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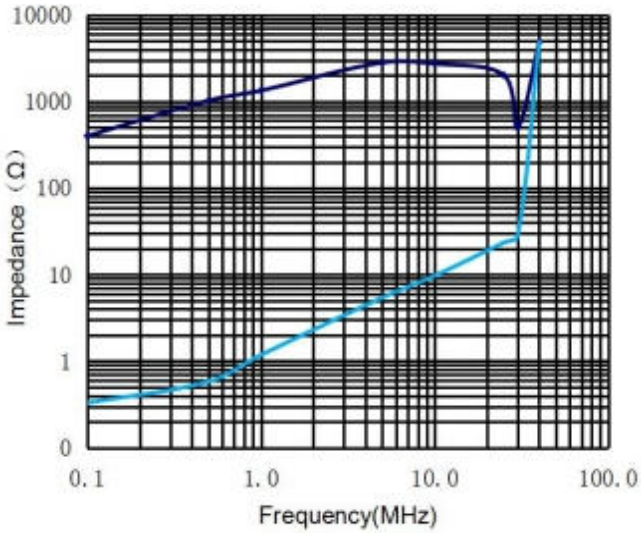
五.特征曲线/CHARACTERISTICS(REFERENCE)



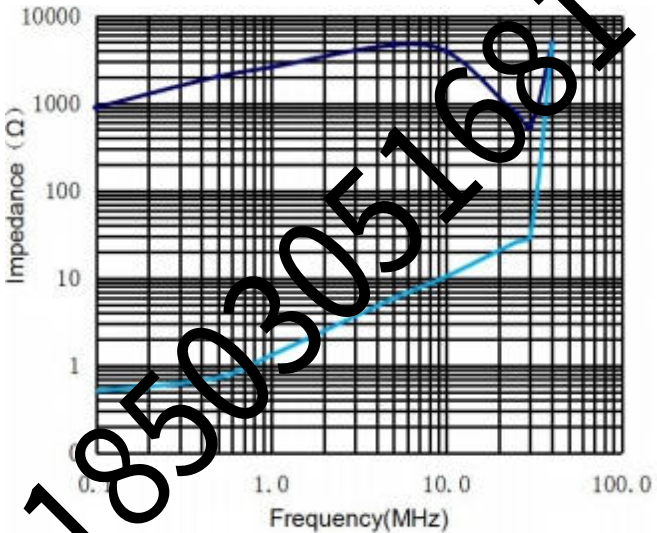
—●— Common Mode
 —●— Differential Mode

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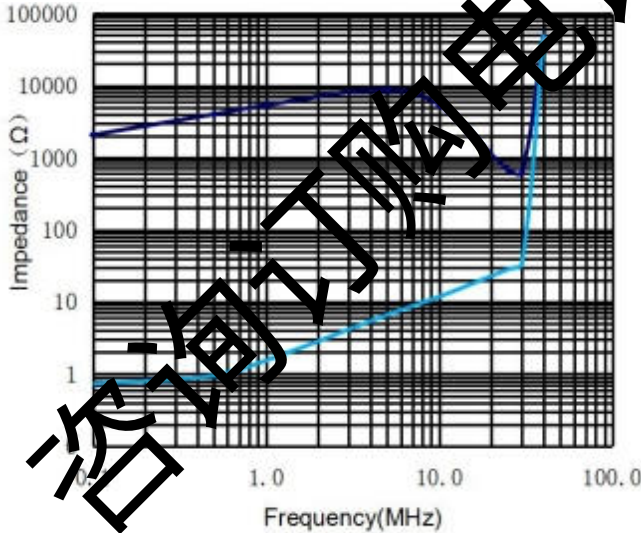
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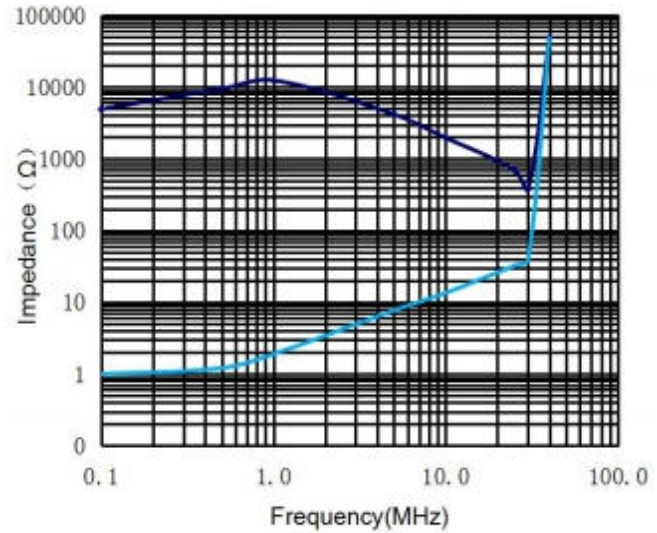
CLCM-0904-102



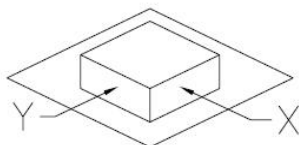
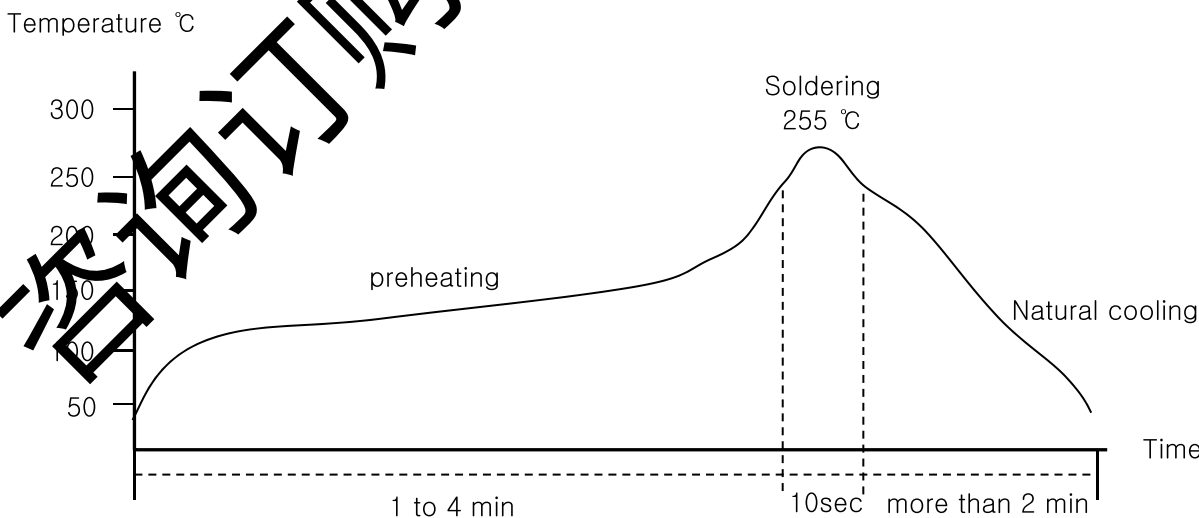
CLCM-0904-222



CLCM-0904-472



Common Mode
Differential Mode

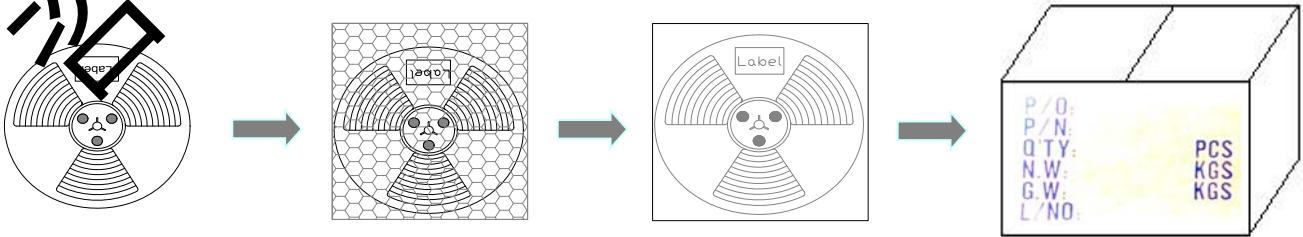
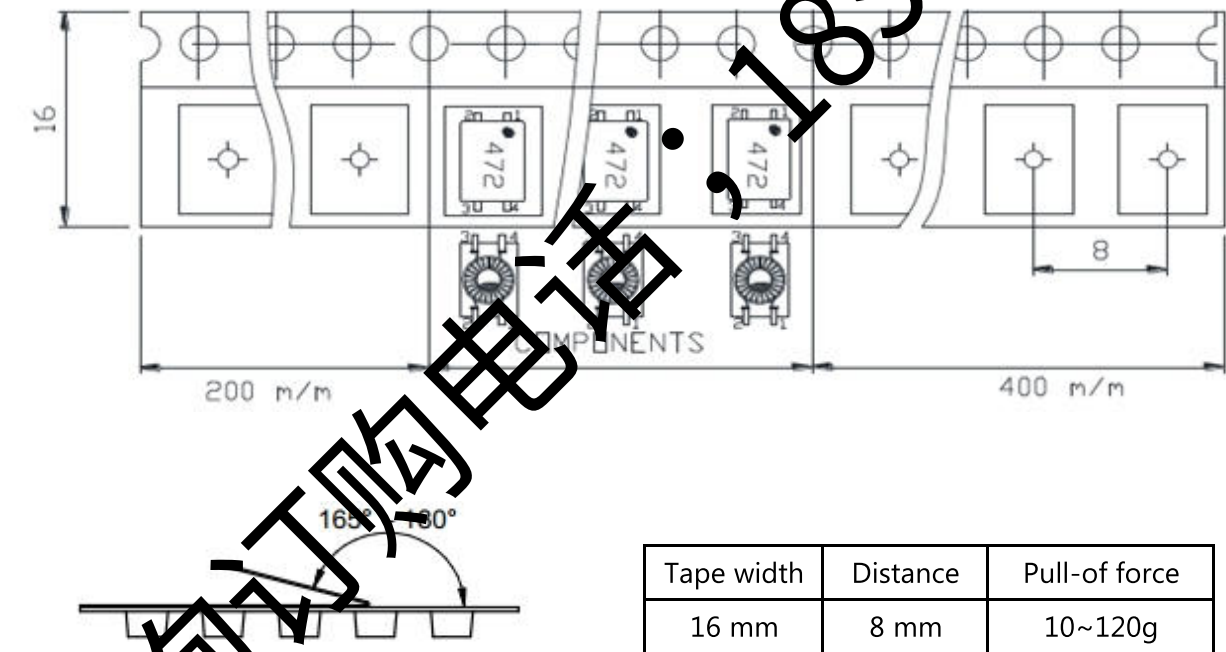
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六.可靠性测试/RELIABILITY TESTING					
Operating Temperature		- 40 to +85 °C (Contain Heating coil)			
Appearance Inspection		No external defects by visual inspection			
Terminal Strength		After soldering , between copper plaet and terminals of coils , push 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 ($\pm 2.0\%$) $\times 10 / ^\circ\text{C}$ (- 40~ + 85 °C)			
Humidity characteristics		Inductance deviation within $\pm 10\%$, 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	ELEKTRISOL A OR EQ
4	ADHESIVE	XNR3614	CHANGLAN OR EQ
5	TIN	107H	SHEIMAD OR EQ
6	INK	WHITE	NON MARQUE OR EQ

八.包装规格/PACKING SPECIFICATIONS



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