

承认书/SPECIFICATION FOR APPROVAL

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	AXM 品名 OURS P/N	CLCM-9070F-Series	文件编号 FILE NO.	HKS20200806
一.外观图/DIMENSION (单位/UNIT : mm)				A	9.0 ±0.5 mm
				A1	9.5 ±0.5 mm
				B	7.0 ±0.5 mm
				C	4.8 Max
				D	5.6 Typ
				E	1.5 Typ
				F	1.7 Typ
				G	5.5 Typ
				H	1.5 Typ
				I	10.5 Typ
				J	5.0 Typ

二.注意事项/NOTE :	三.电路图/CIRCUIT DIAGRAM
1.印字 : 黑色 2.平整度 : 0.1mm Max	

四.电气特性/ELECTRICAL CHARACTERISTIC							
Part Number	Impedance (Ω) @100MHz		DC Resistance (mΩ) Max	Rated Current (A) Max	Rated Voltage (V) Max	Insulation Resistance (MΩ) Min	Marking
	MIN	TYP					
CLCM-9070F-301	225	300	6	6.0	80	10	301
CLCM-9070F-501	450	600	8	5.5	80	10	501
CLCM-9070F-701	500	700	10	5.0	80	10	701
CLCM-9070F-102	750	1000	13	4.0	80	10	102
CLCM-9070F-152	1100	1500	18	3.5	50	10	152
CLCM-9070F-222	1700	2200	50	3.0	80	10	222
CLCM-9070F-272	2000	2700	80	2.0	80	10	272
CLCM-9070F-302	2500	3000	80	2.0	80	10	302

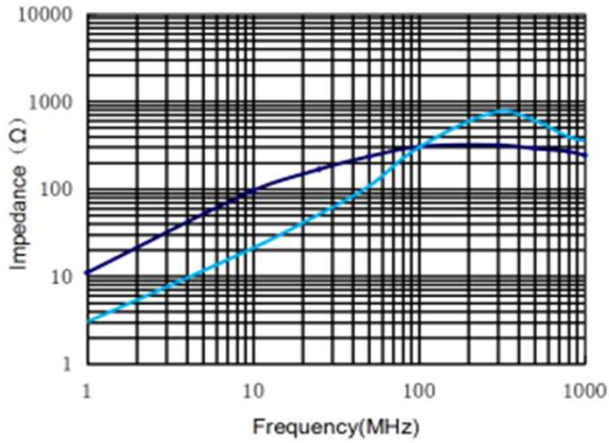
- (1).Rated Current: Temp.rise 40°C Typ
- (2).Operating Temperature: -40°C up to +125°C
- (3).Storage Temperature: -20°C up to +40°C, 75% RH max.

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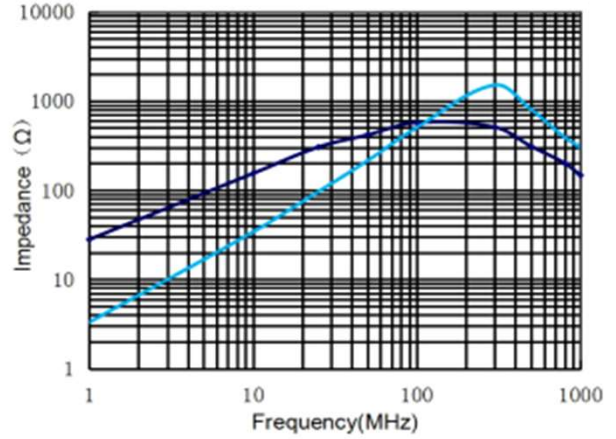
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五.特性曲线/CHARACTERISTICS(REFERENCE)

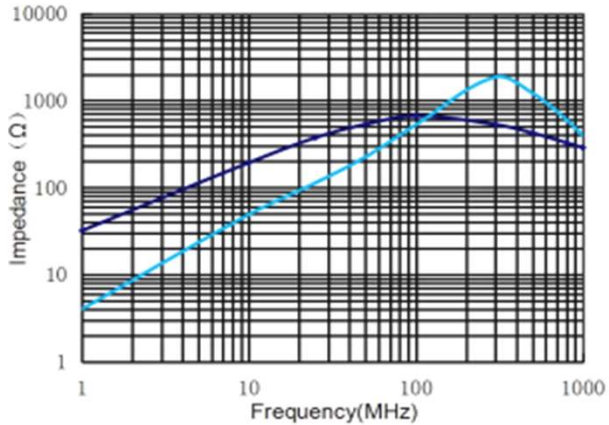
CLCM-9070F-301



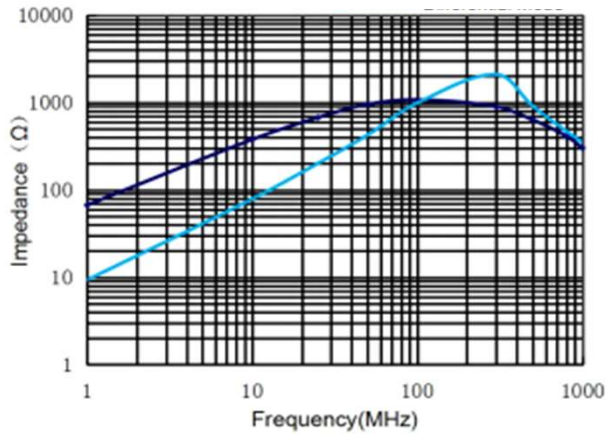
CLCM-9070F-501



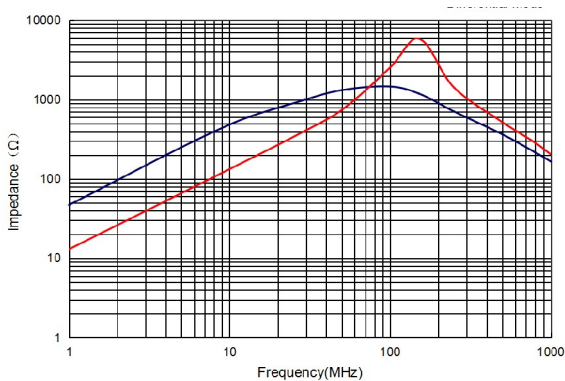
CLCM-9070F-701



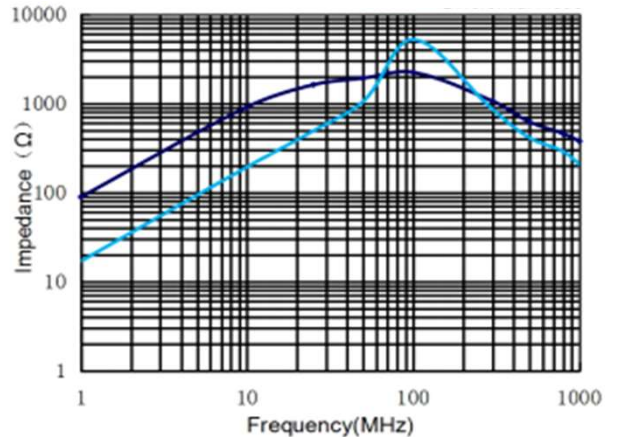
CLCM-9070F-102



CLCM-9070F-152



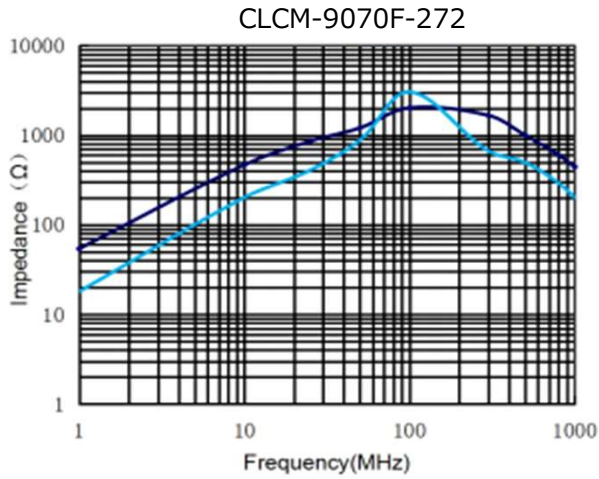
CLCM-9070F-222



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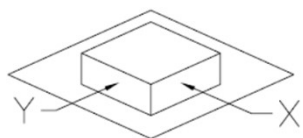


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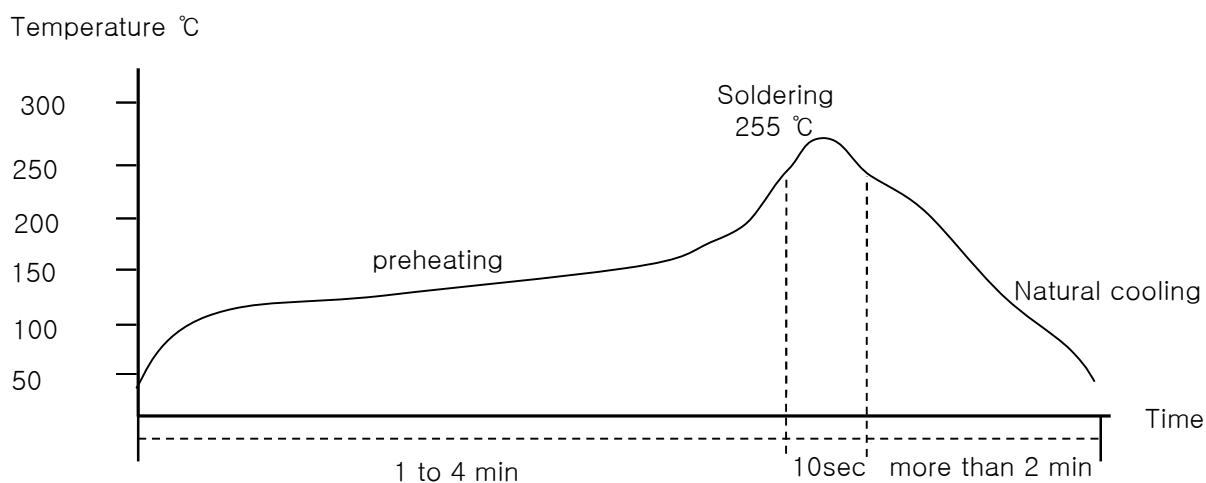
### 六.可靠性测试/RELIABILITY TESTING

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 .

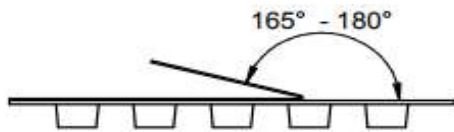
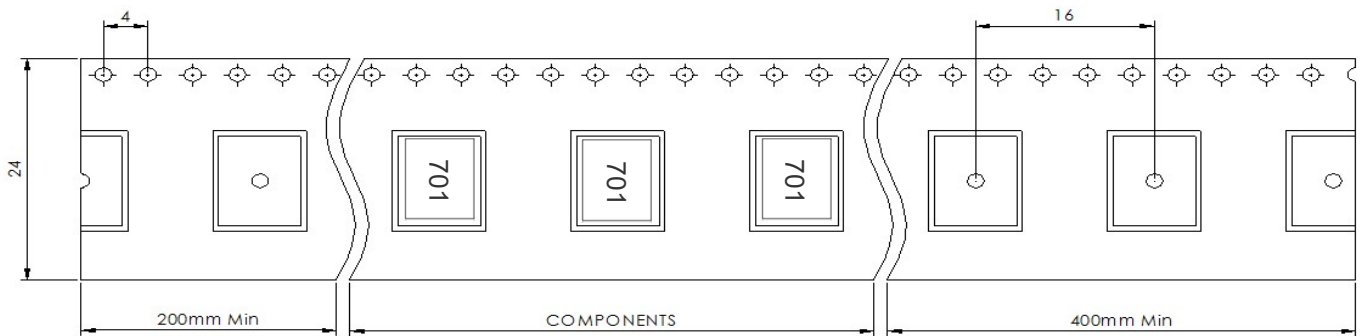
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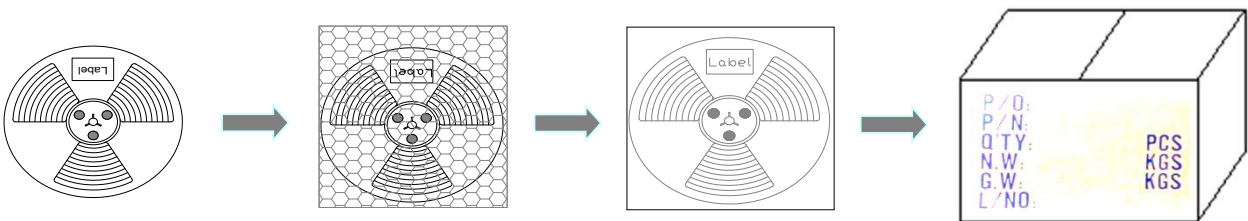
七.材料清单/MATERIAL LIST

NO.	ITEM	DESCRIPTION	SUPPLIER
1	CORE	FERRITE	FENGYIN OR EQ
2	CASE	LCP	LIAN CHENG OR EQ
3	WIRE	P180 Grd1	ELEKTRISOLA OR EQ
4	ADHESIVE	EPOXY RESIN	PENGNO OR EQ
5	TIN	107H	SHENMAO OR EQ
6	INK	BLACK	BON MARQUE OR EQ

八.包装规格/PACKING SPECIFICATIONS



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



轮盘：13'(直径330mm)  
数量：700PCS/盘

PE袋  
数量：1400PCS/袋

内盒  
数量：1400PCS/盒

外箱，数量：7000PCS/箱  
不足整箱用内盒或填充物  
装满