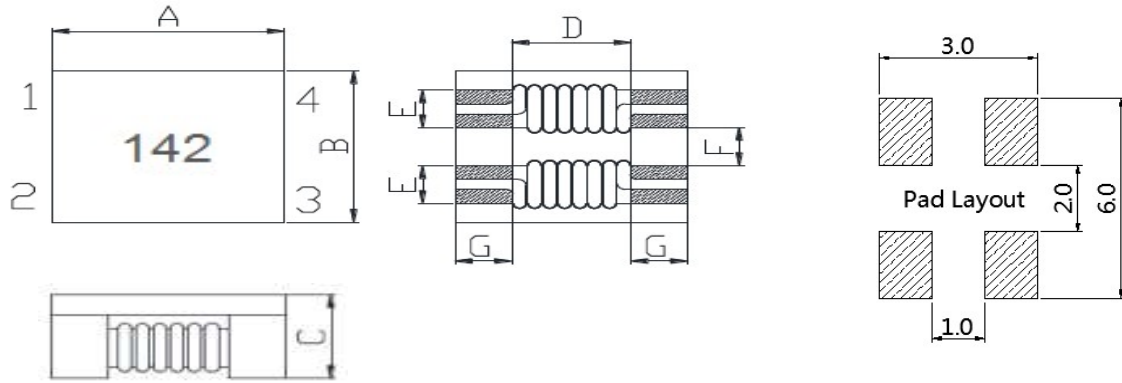




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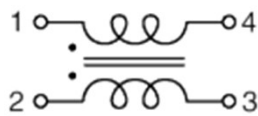
客户名称 CUSTOMER		客户品名 CUSTOMER P/N		版别 REV.	A
产品类型 PRODUCT TYPE	Common Mode Line Filter	AXM 品名 OURS P/N	CLCM-4520F Series	文件编号 FILE NO.	HKS20200806

一.尺寸图/DIMENSION (单位/UNIT : mm)



ITEM	A	B	C	D	E	F	G			
DIM	4.7	4.5	2.2	2.70	0.8	1.25	1.0			
TOLE	±0.5	±0.5	Max	Typ	Typ	Typ	Typ			

二.电路图/SCHEMATIC



三.注意事项/NOTE :

- 1.产品印黑色字
- 2.崩缺面积直径小于0.3mm为允收

四.电气特性/ELECTRICAL CHARACTERISTIC

Part Number	Common mode Impedance (Ω @100MHz)		DCR (mΩ) max.	IDC (A)max.	Rated Volt. (Vdc)max.	IR (Ω) min.	MARK
CLCM-4520F-900	60 Min	90 Typ	35	3.2	50	10M	900
CLCM-4520F-151	90 Min	150 Typ	40	3.1	50	10M	151
CLCM-4520F-231	180 Min	230 Typ	45	3.0	50	10M	231
CLCM-4520F-301	200 Min	300 Typ	45	3.0	50	10M	301
CLCM-4520F-421	300 Min	420 Typ	50	2.5	50	10M	401
CLCM-4520F-701	500 Min	700 Typ	59	2.2	50	10M	701
CLCM-4520F-901	650 Min	900 Typ	68	2.1	50	10M	901
CLCM-4520F-102	800 Min	1000 Typ	68	2.1	50	10M	102
CLCM-4520F-122	1000 Min	1200 Typ	74	2.0	50	10M	122
CLCM-4520F-142	1200 Min	1400 Typ	81	1.9	50	10M	142

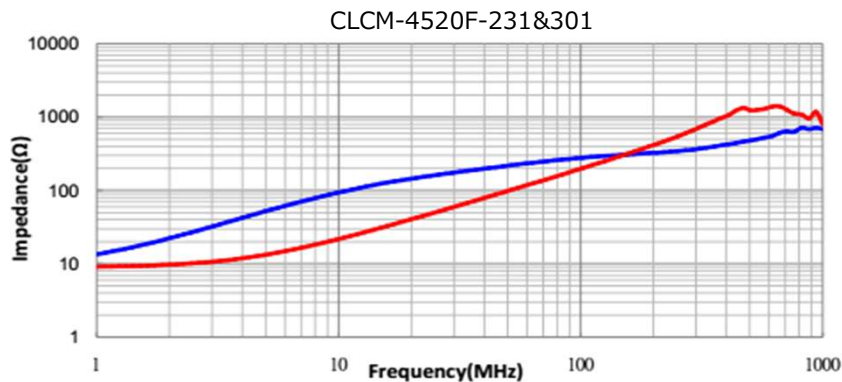
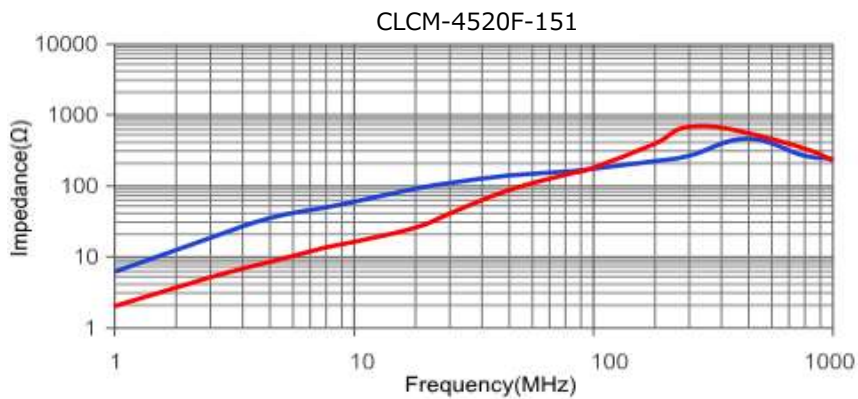
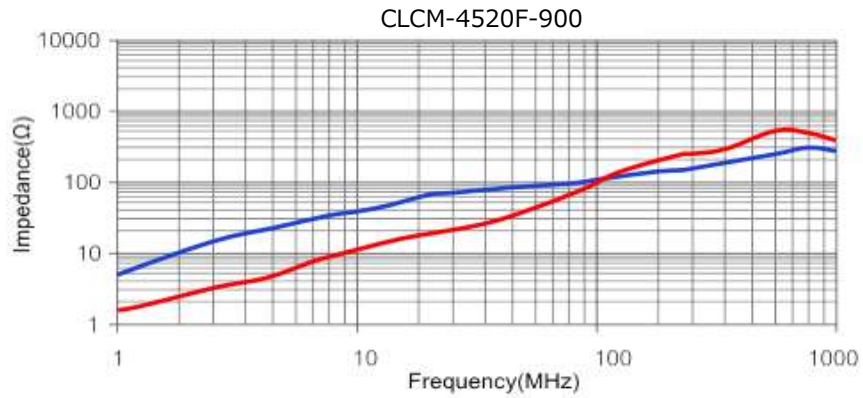
- (1).Rated Current: Temp.rise 40°C Typ
- (2).Operating Temperature: -40°C up to +125°C
- (3).Storage Temperature: -20°C up to +40°C, 75% RH max.



承认书/SPECIFICATION FOR APPROVAL

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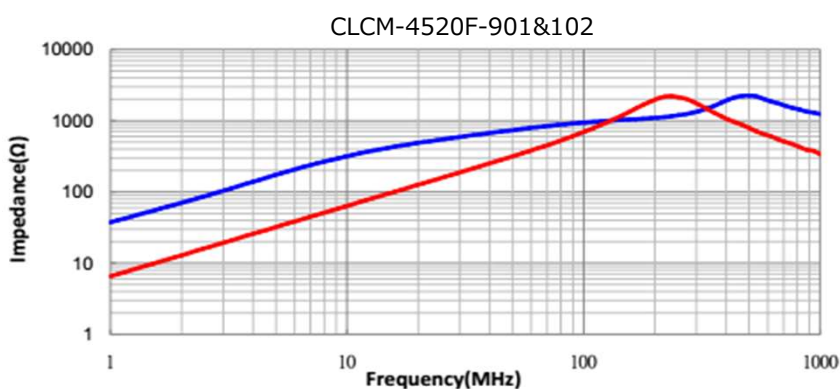
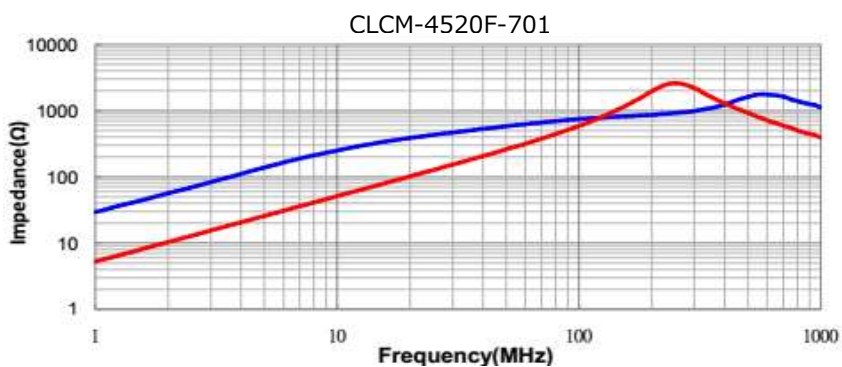
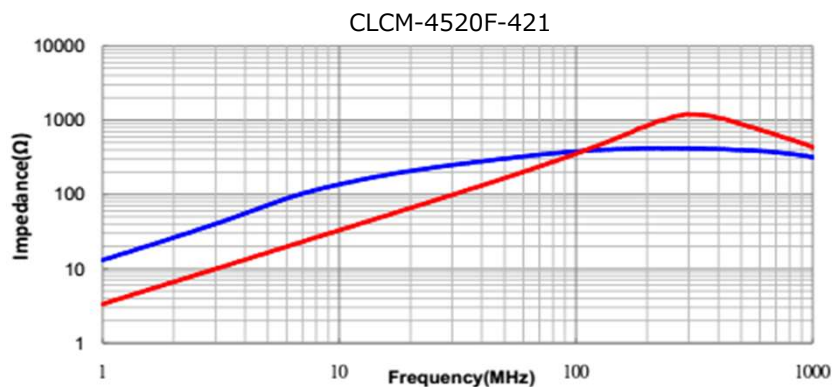
八. 特性曲线/CHARACTERISTICS(REFERENCE)





承认书/SPECIFICATION FOR APPROVAL

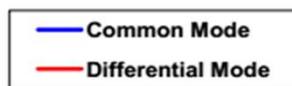
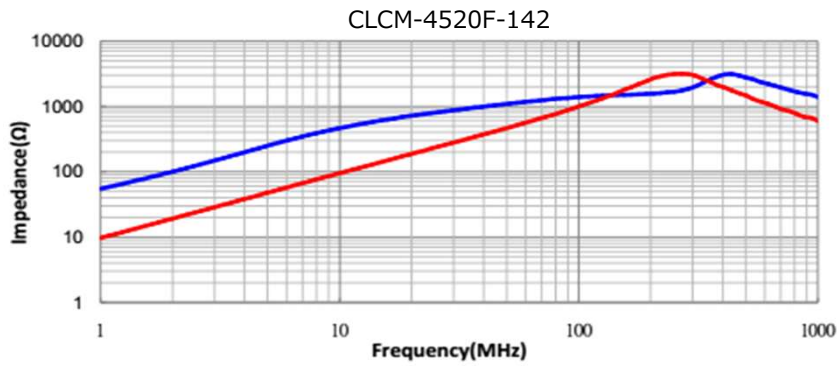
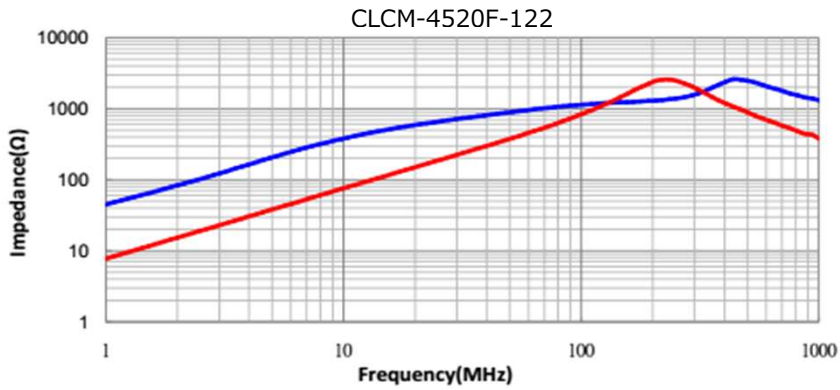
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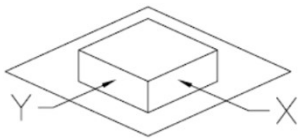


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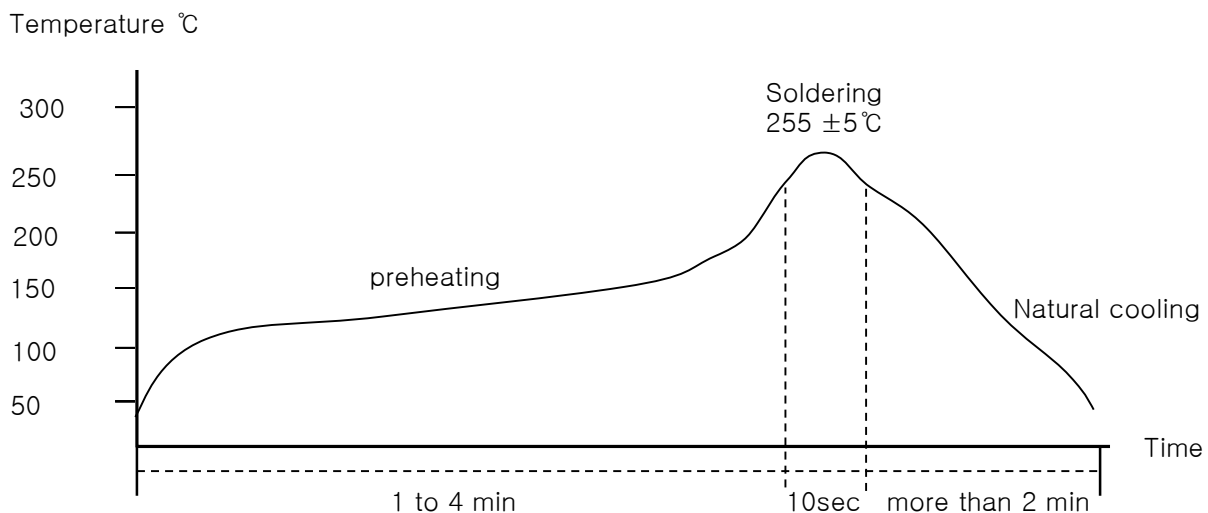
五.可靠性测试/RELIABILITY TESTING

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



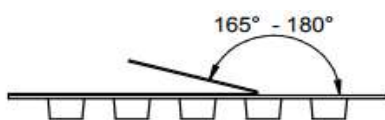
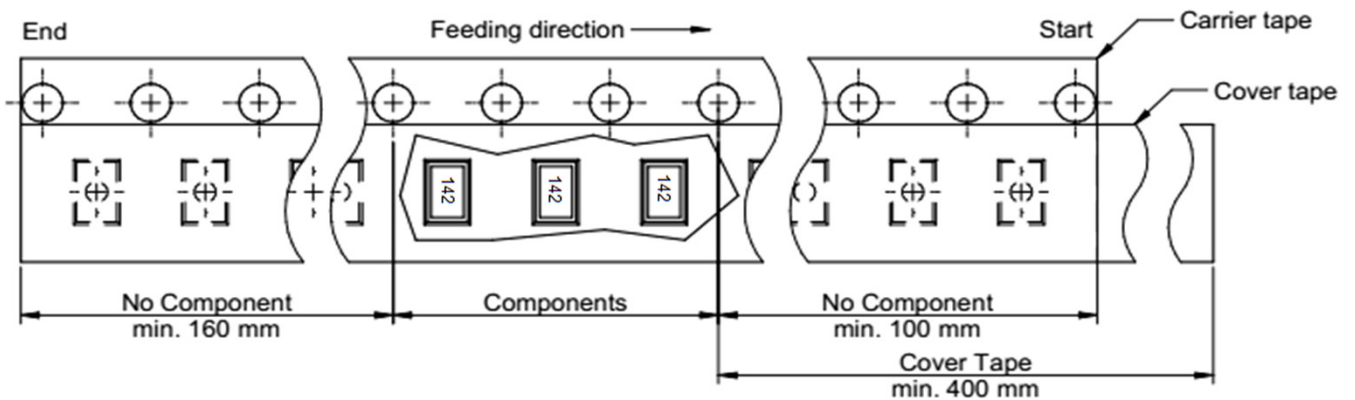
Temperature and humidity . After that , no mechanical and electrical defect should be found .

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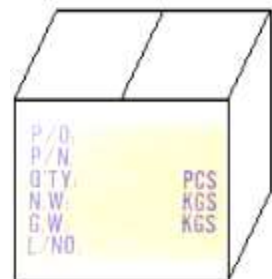
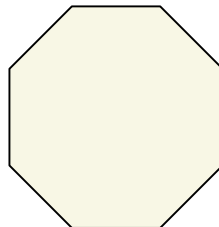
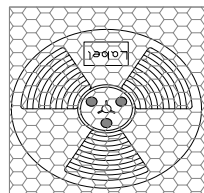
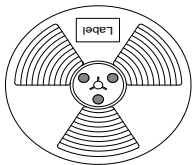
六.材料清单/MATERIAL LIST

NO.	ITEM	DESCRIPTION
1	CORE	FERRITE
2	WIRE	P180 G1
3	COVER	LCP
4	TIN	107H
5	INK	BLACK

七.包装规格/PACKING SPECIFICATIONS



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



轮盘：7'(直径178mm)
数量：1000PCS/盘

PE袋
数量：4000PCS/袋

内盒
数量：4000PCS/盒

外箱，数量：40000PCS/箱
不足整箱用内盒或填充物装满