



深圳市顺翔诺电子有限公司

SHENZHEN SHUNXIANGNUO ELECTRONICS CO.,LTD.



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

1211

顺翔诺料号
SXN P/N

SMCM1211-SERIES

文件编号
FILE NO.

SP-18122005

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

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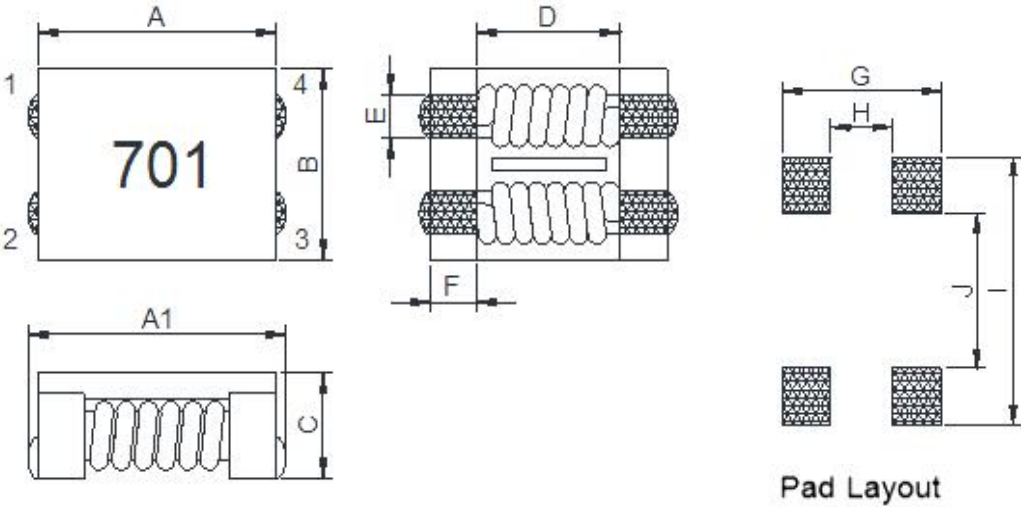
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客户名称 CUSTOMER	-----	客户品名 CUSTOMER P/N	1211	版别 REV.	A
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修改记录/MODIFY RECORDS

[illegible]

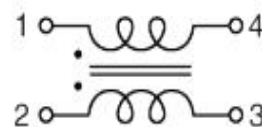
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一.外观图/DIMENSION (单位/UNIT : mm)				A	12.0 ±0.5
				A1	12.5 ±0.5
				B	10.8 ±0.5
				C	6.4 Max
				D	7.0 Typ
				E	2.7 Typ
				F	2.5 Typ
				G	8.5 Typ
				H	2.0 Typ
				I	12.5 Typ
				J	6.5 Typ

二.注意事项/NOTE :

- 1.印字：白色5.3*3.1mm (Arial字体)
- 2.平整度：0.1mm MAX

三.电路图/CIRCUIT DIAGRAM



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					
SMCM1211-800T	80	230	2.0	10.0	125	10	301
SMCM1211-701T	500	700	6.0	8.0	125	10	701
SMCM1211-801T	600	800	8.0	8.0	125	10	801
SMCM1211-102T	750	1000	14	6.0	125	10	102
SMCM1211-222T	2200	2500	35	1.8	125	10	222
SMCM1211-272T	2300	2700	50	1.5	125	10	272

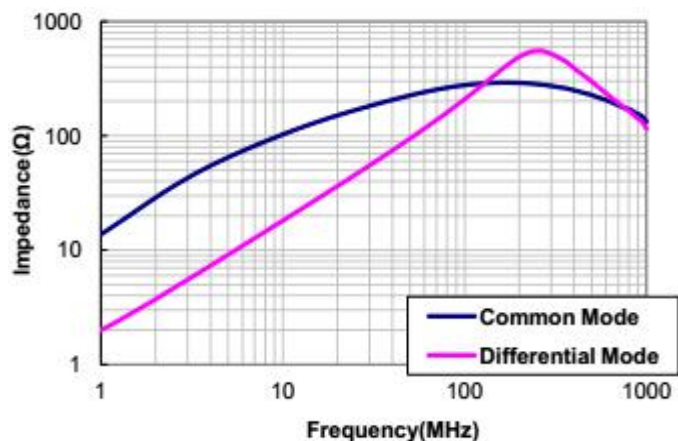
- (1).Rated Current: Temp.rise 40°C Typ
- (2).Operating Temperature: -40°C up to +125°C
- (3).Storage Temperature: -40°C up to +125°C, 75% RH max.

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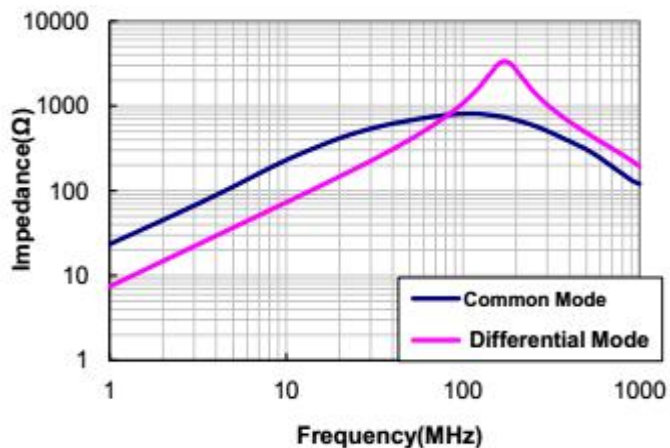
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五.特征曲线/CHARACTERISTICS(REFERENCE)

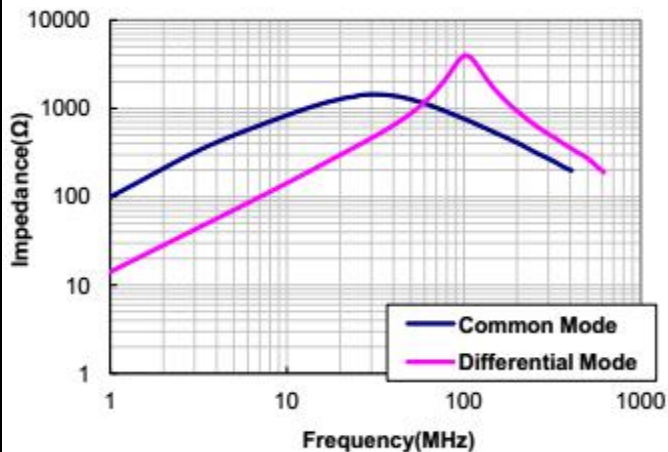
SMCM1211-800



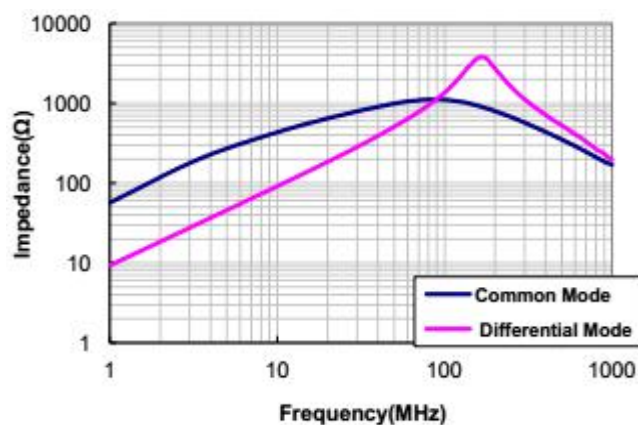
CSMCM1211-701



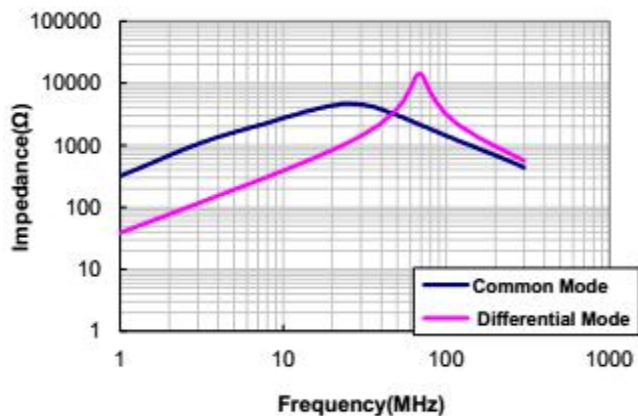
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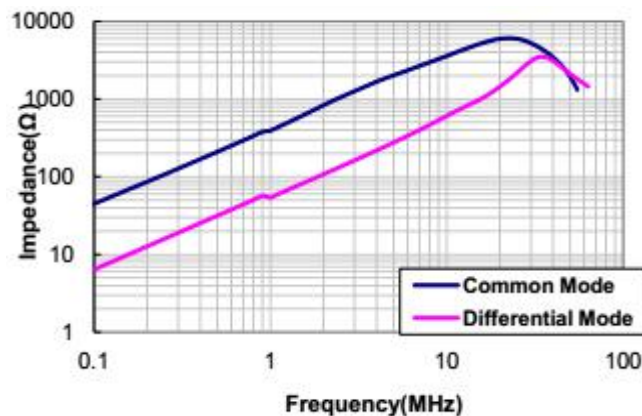
SMCM1211-102



SMCM1211-222



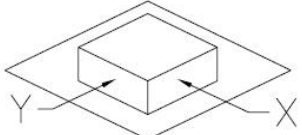
SMCM1211-272



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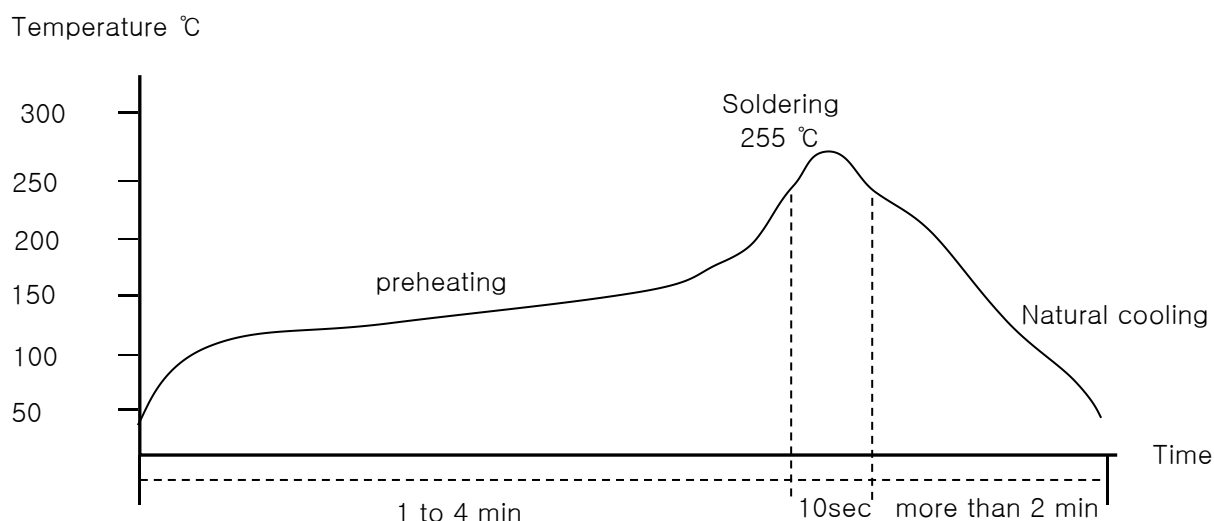
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六.可靠性测试/RELIABILITY TESTING

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 .

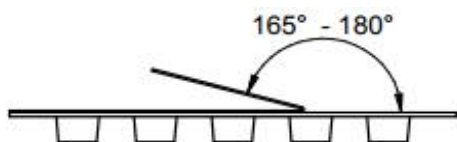
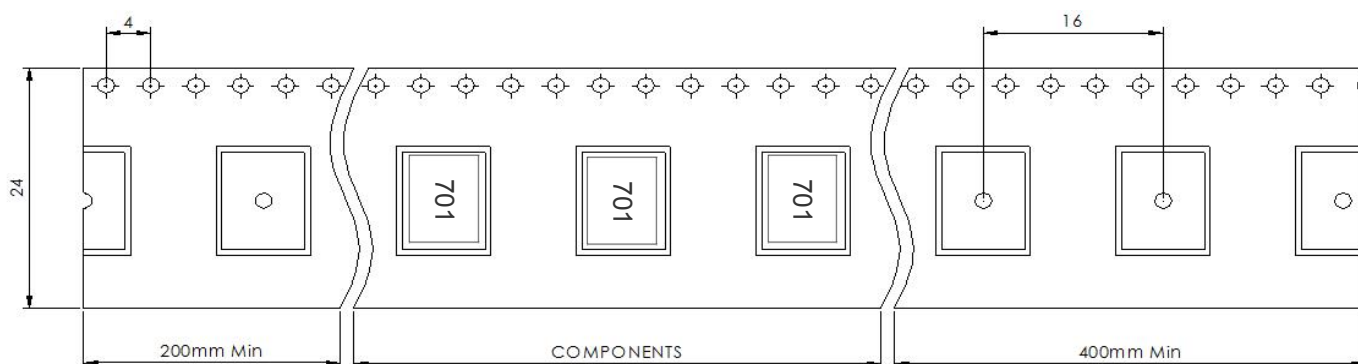
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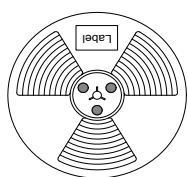
七.材料清单/MATERIAL LIST

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	WHITE	BON MARQUE OR EQ

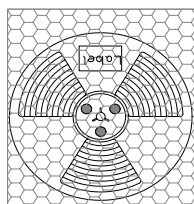
八.包装规格/PACKING SPECIFICATIONS



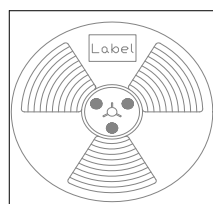
Tape width	Distance	Pull-of force
24 mm	16 mm	10~120g



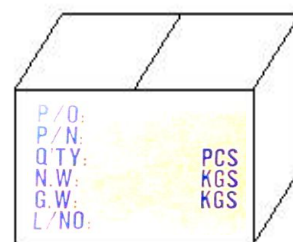
轮盘：13'(直径330mm)
数量：500PCS/盘



PE袋
数量：1000PCS/袋



内盒
数量：1000PCS/盒



外箱，数量：5000PCS/箱
不足整箱用内盒或填充物
装满