



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 <i>CUSTOMER NAME.</i>	-----
产品类型 <i>PRODUCT TYPE</i>	Common Mode Line Filter
客户料号 <i>CUSTOMER P/N</i>	1211
顺翔诺料号 <i>SXN P/N</i>	SMCM1211-SERIES
文件编号 <i>FILE NO.</i>	SP-18122005

客户承认/ <i>CUSTOMER ACCEPTED</i>		
承认 <i>APPROVED</i>	确认 <i>CHECKED</i>	承办 <i>DESIGN</i>
批注/ <i>REMARK</i>		

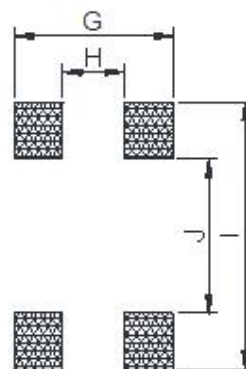
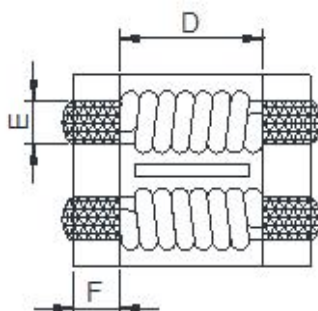
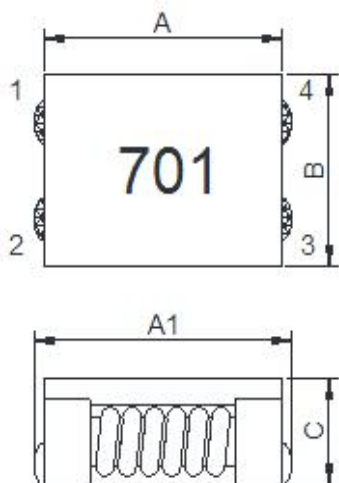
批准 <i>APPROVED</i>	确认 <i>CHECKED</i>	作成 <i>DESIGN</i>
业务专线：0755-23760960 13713798056 官 网：www.sxndz.com 邮 件：13713798056@163.com 地 址：深圳市龙华福城街道福前路下新塘37号深澜产业园3栋3楼		



# 承认书/SPECIFICATION FOR APPROVAL

客户名称 CUSTOMER	-----	客户品名 CUSTOMER P/N	1211	版别 REV.	A
产品类型 PRODUCT TYPE	Common Mode Line Filter	顺翔诺品名 SXN P/N	SMCM1211-SERIES	文件编号 FILE NO.	SP-18122005

## 一.外观图/DIMENSION (单位/UNIT : mm)



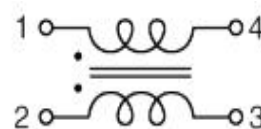
Pad Layout

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

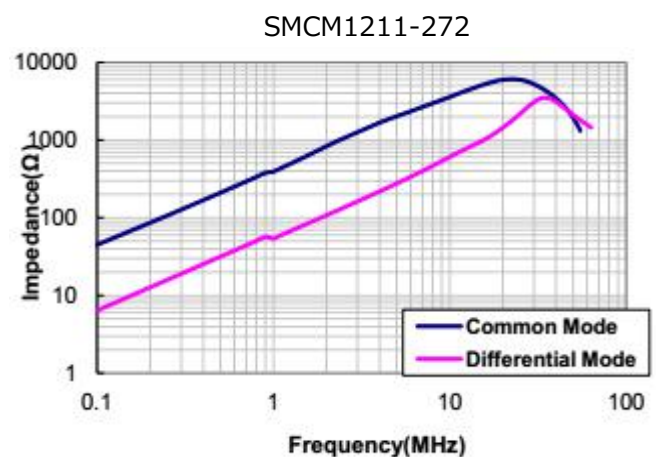
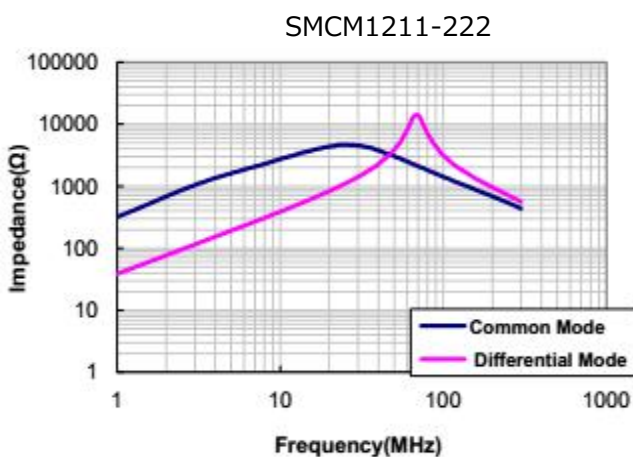
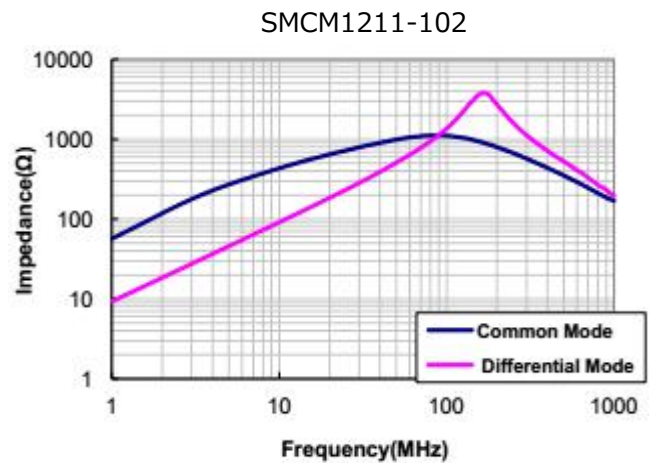
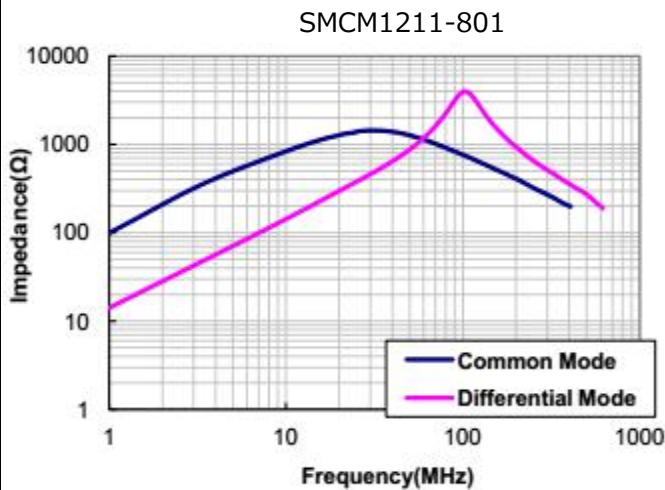
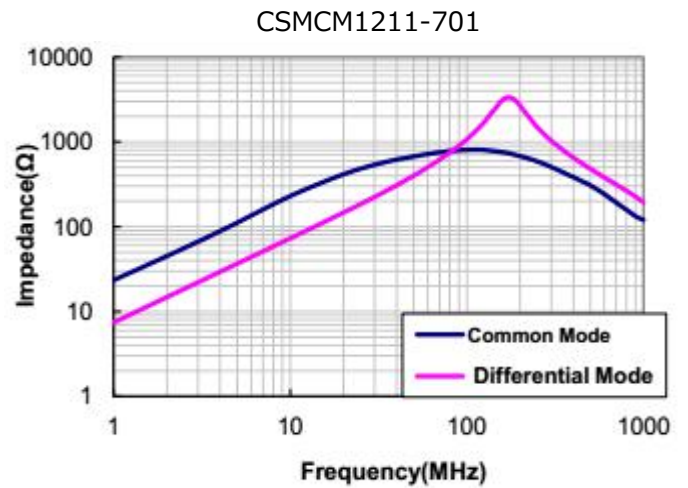
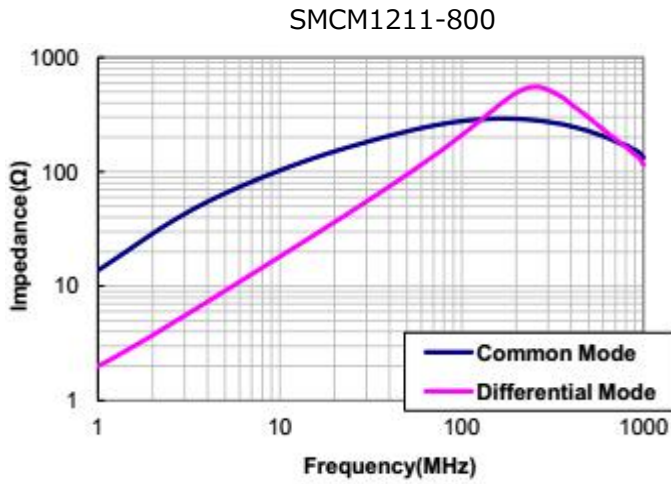
Part Number	Impedance (Ω) @100MHz		DC Resistance (mΩ) Max	Rated Current (A) Max	Rated Voltage (V) Max	Insulation Resistance (MΩ) Min	Marking
	MIN	TYP					
SMCM1211-800T	80	230	2.0	10.0	125	10	301
SMCM1211-701T	500	700	6.0	8.0	125	10	701
SMCM1211-801T	600	800	8.0	8.0	125	10	801
SMCM1211-102T	750	1000	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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## 五.特征曲线/CHARACTERISTICS(REFERENCE)

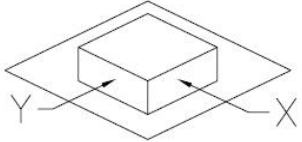


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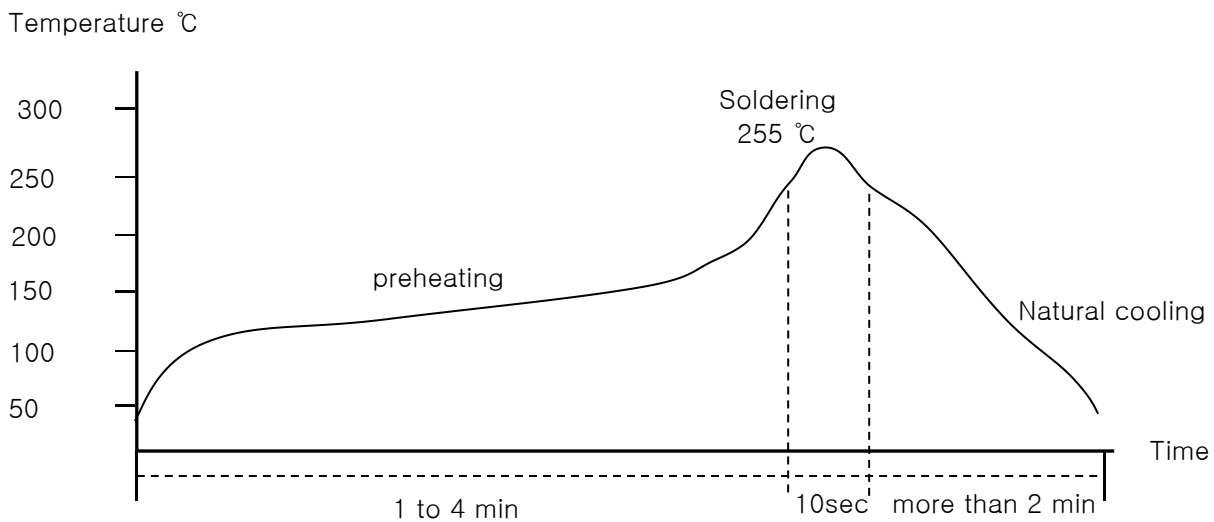
## 六.可靠性测试/RELIABILITY TESTING

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 .

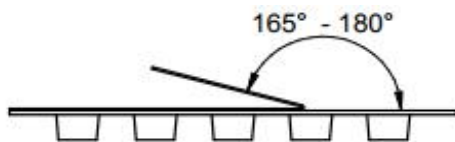
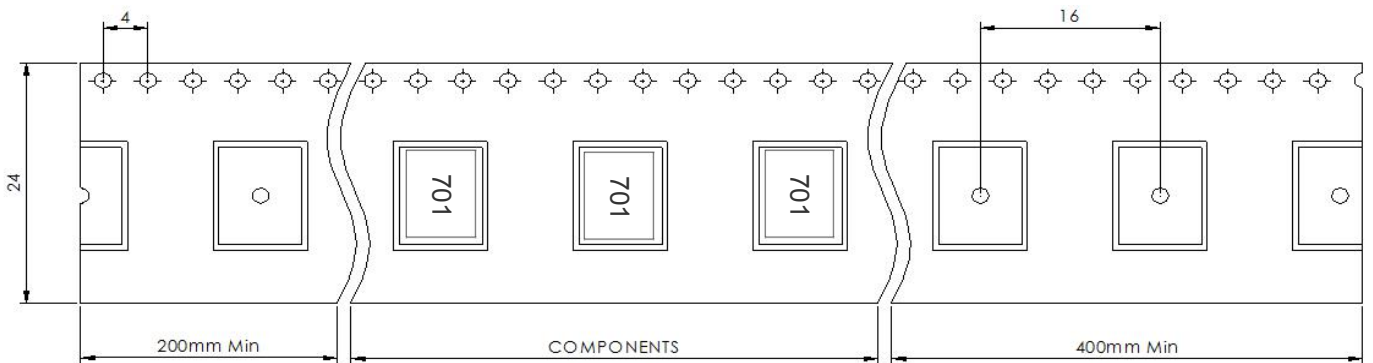
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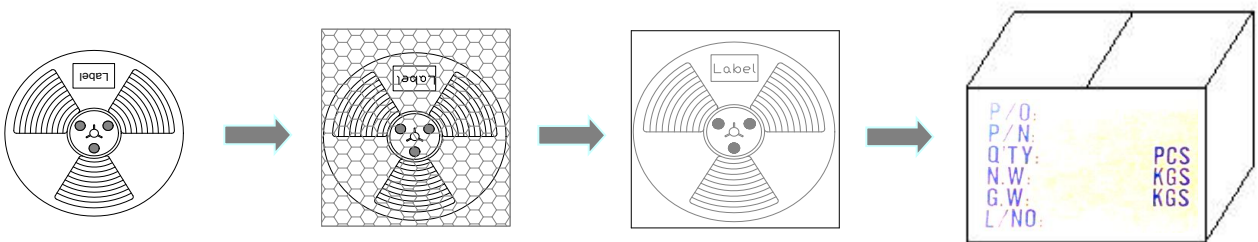
## 七.材料清单/MATERIAL LIST

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

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