



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>	9070
顺翔诺料号 <i>SXN P/N</i>	SMCM9070-SERIES
文件编号 <i>FILE NO.</i>	SP-18122003

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>		

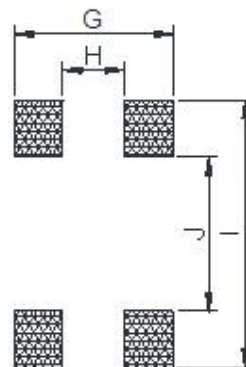
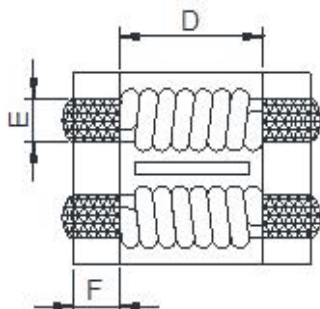
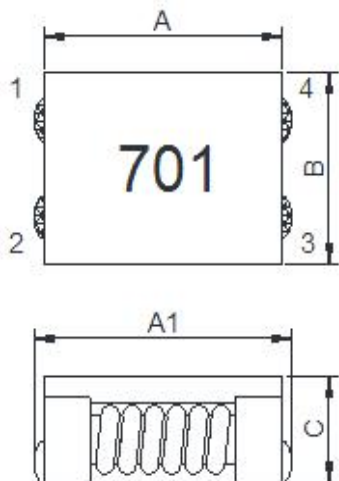
批准 <i>APPROVED</i>	确认 <i>CHECKED</i>	作成 <i>DESIGN</i>
业务专线：0755-23760960 13713798056 官网：www.sxndz.com 邮件：13713798056@163.com 地址：深圳市龙华福城街道福前路下新塘37号深澜产业园3栋3楼		



# 承认书/SPECIFICATION FOR APPROVAL

客户名称 CUSTOMER	-----	客户品名 CUSTOMER P/N	9070	版别 REV.	A
产品类型 PRODUCT TYPE	Common Mode Line Filter	顺翔诺品名 SXN P/N	SMCM9070-SERIES	文件编号 FILE NO.	SP-18122003

## 一.外观图/DIMENSION (单位/UNIT : mm)



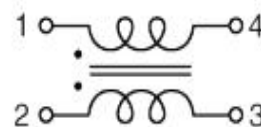
Pad Layout

A	9.0 ±0.5
A1	9.5 ±0.5
B	7.0 ±0.5
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 :

- 1.印字：白色Gulim 9.5#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					
SMCM9070-301T	225	300	6	6.0	80	10	301
SMCM9070-501T	450	600	8	5.5	80	10	501
SMCM9070-701T	500	700	10	5.0	80	10	701
SMCM9070-102T	750	1000	13	4.0	80	10	102
SMCM9070-222T	1700	2200	50	3.0	80	10	222
SMCM907F-272T	2000	2700	80	2.0	80	10	272

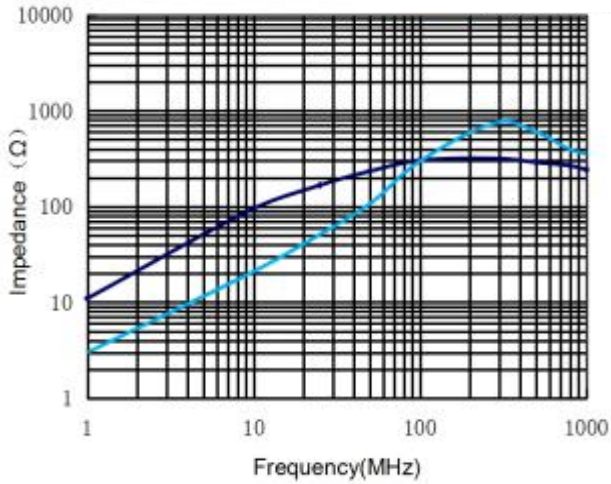
- (1).Rated Current: Temp.rise 40°C Typ
- (2).Operating Temperature: -40°C up to +125°C
- (3).Storage Temperature: -40°C up to +125°C, 75% RH max.

# 承认书/SPECIFICATION FOR APPROVAL

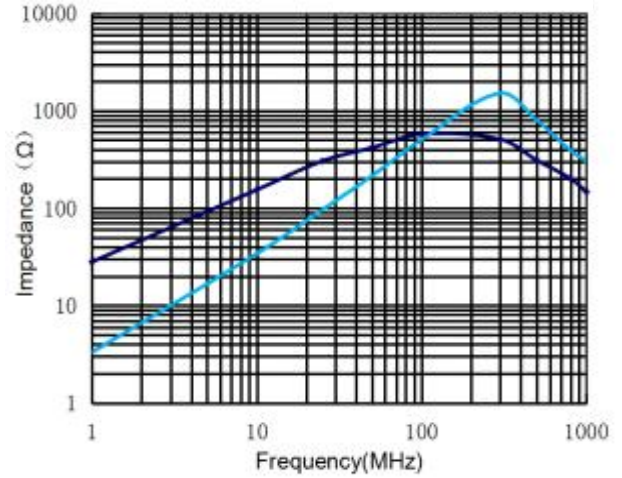
客户名称 CUSTOMER	-----	客户品名 CUSTOMER P/N	9070	版别 REV.	A
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## 五.特征曲线/CHARACTERISTICS(REFERENCE)

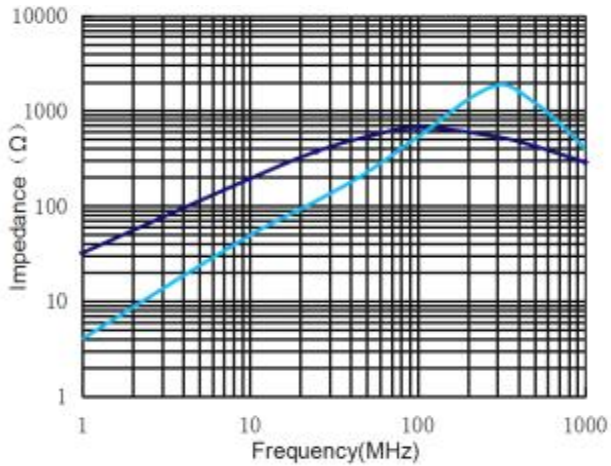
SMCM9070-301



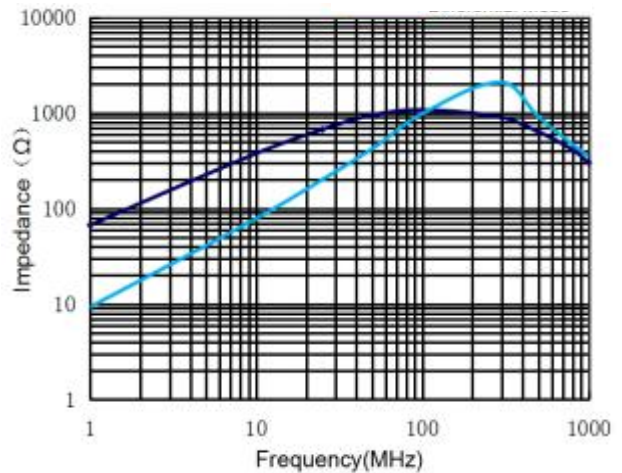
SMCM9070-501



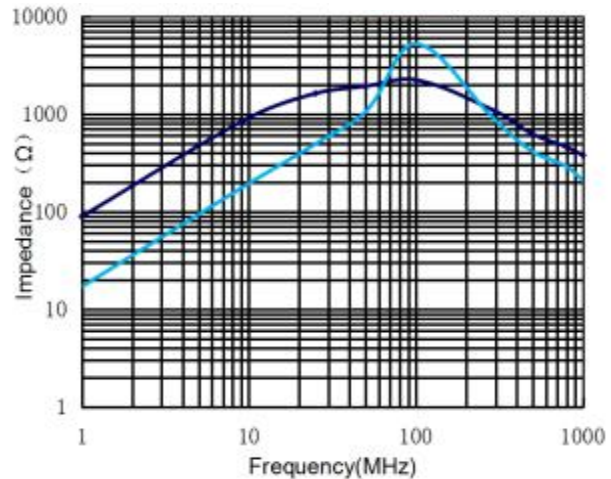
SMCM9070-701



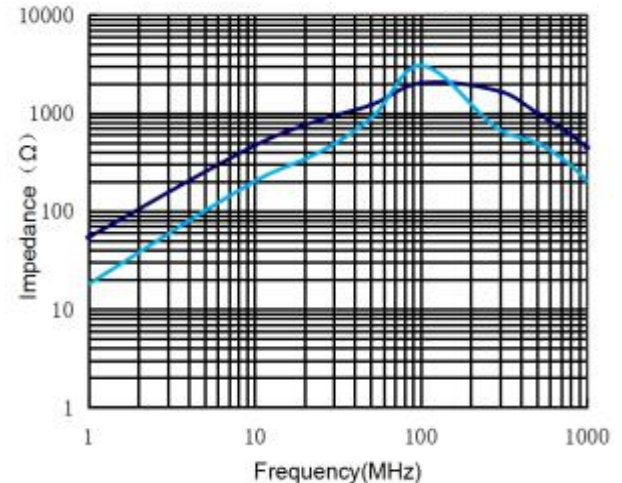
SMCM9070-102



SMCM9070-222



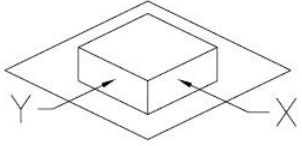
SMCM9070-272



# 承认书/SPECIFICATION FOR APPROVAL

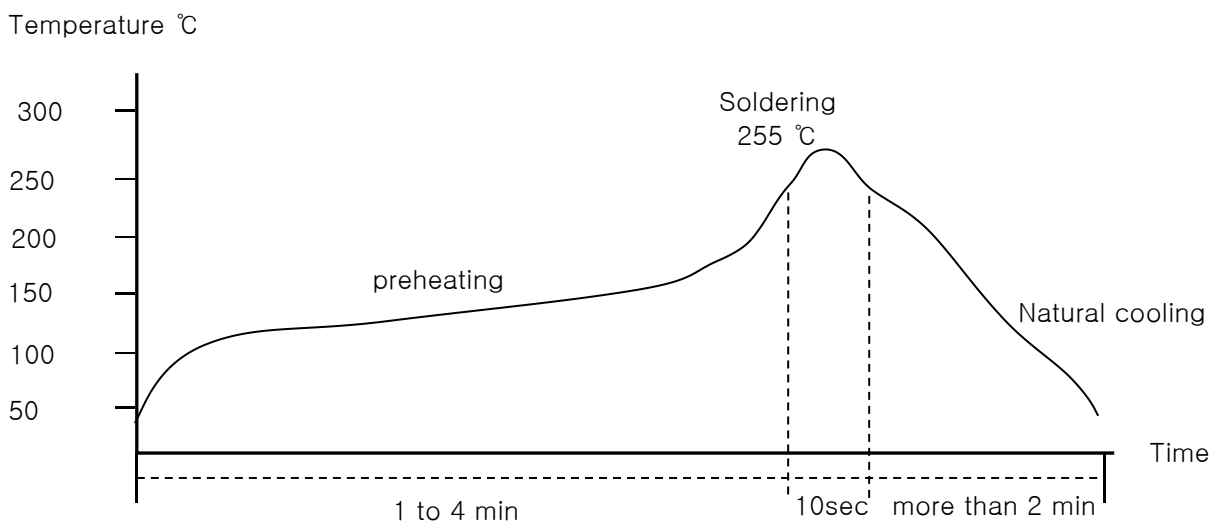
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## 六.可靠性测试/RELIABILITY TESTING

Operating Temperature	- 40 to +125 °C ( Contain Heating coil )
Appearance Inspection	No external defects by visual inspection
Terminal Strength  	After soldering , between copper plait 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 .

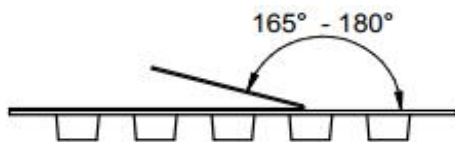
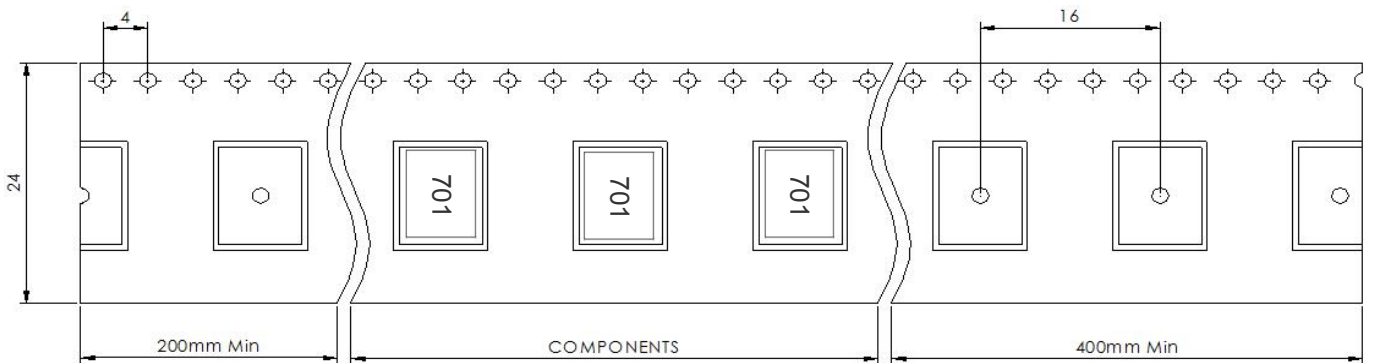
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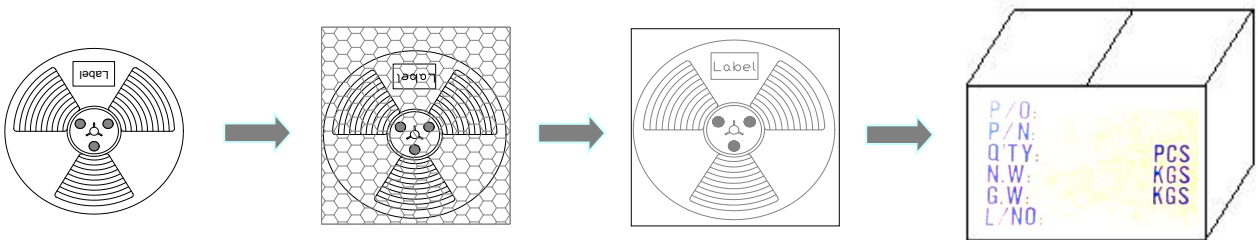
## 七.材料清单/MATERIAL LIST

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：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

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[UALSU9H0305000](#) [UALSU9HF030600](#) [UALSU9HF060300](#) [UALSU9HR050340](#) [UALSU9VD070100](#) [UALSU9VR070170](#) [5701610000](#)  
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[DLW5BTM102TQ2L](#) [CMF16-153131](#) [CMF23H-273141](#) [744252510](#) [B82793C0253N201](#)