



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>		

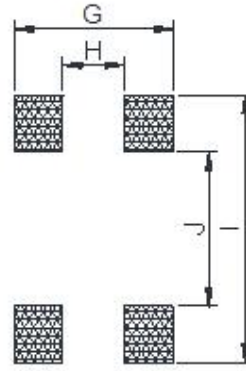
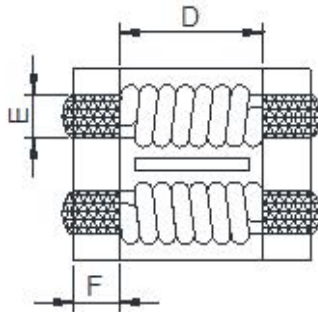
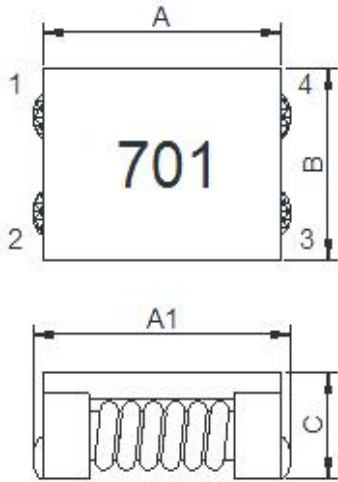
批准 <i>APPROVED</i>	确认 <i>CHECKED</i>	作成 <i>DESIGN</i>

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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)



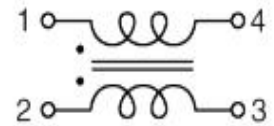
Pad Layout

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

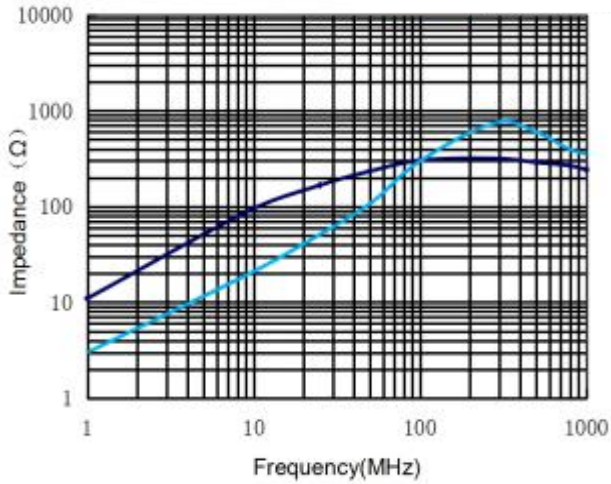
- (1).Rated Current: Temp.rise 40°C Typ
- (2).Operating Temperature: -40°C up to +125°C
- (3).Storage Temperature: -40°C up to +125°C, 75% RH max.

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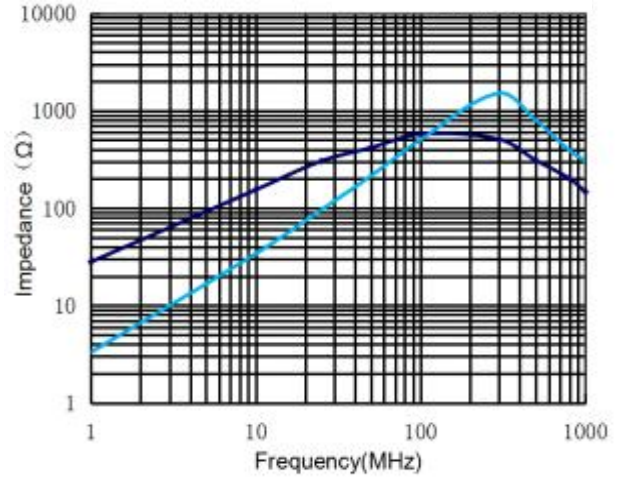
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五.特征曲线/CHARACTERISTICS(REFERENCE)

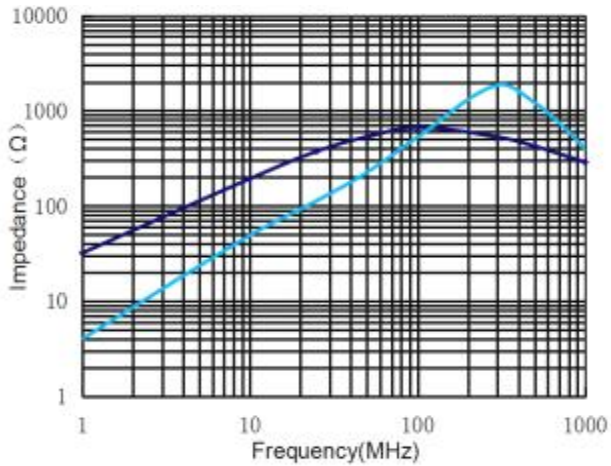
SMCM9070-301



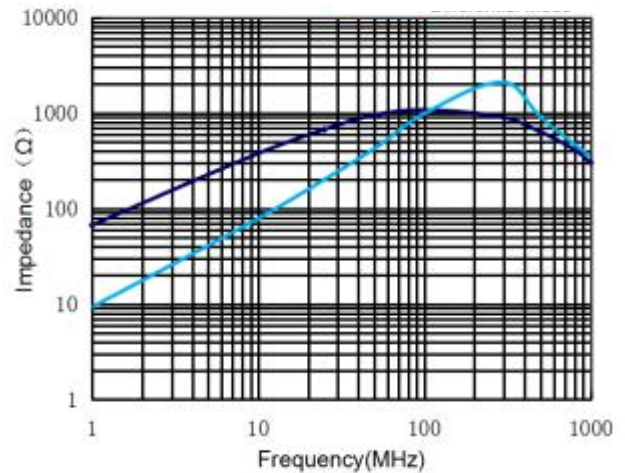
SMCM9070-501



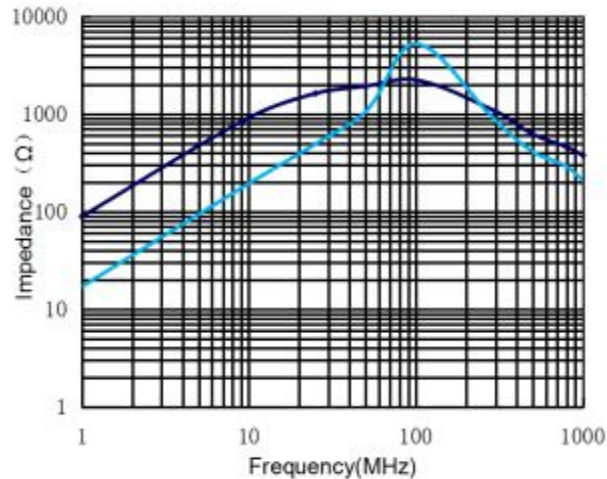
SMCM9070-701



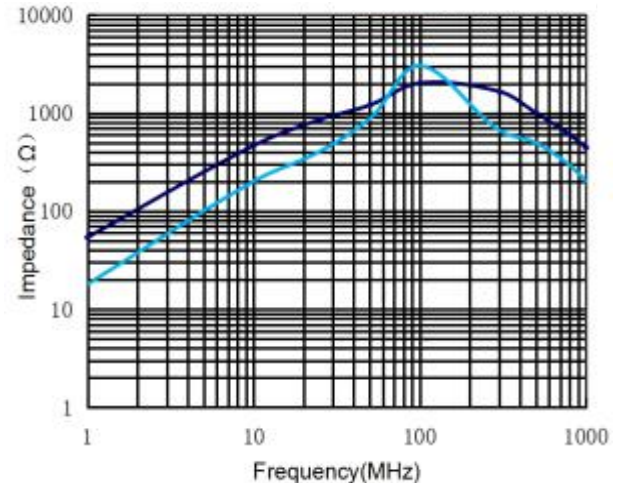
SMCM9070-102



SMCM9070-222



SMCM9070-272

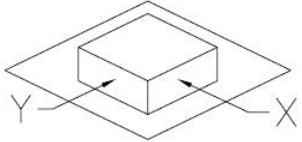


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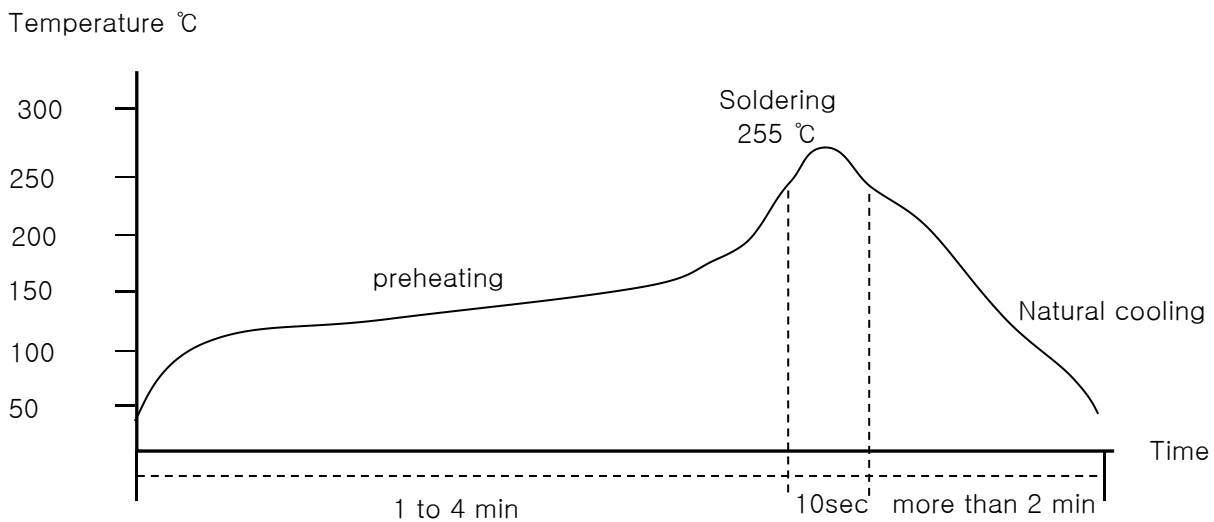
六.可靠性测试/RELIABILITY TESTING

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 .

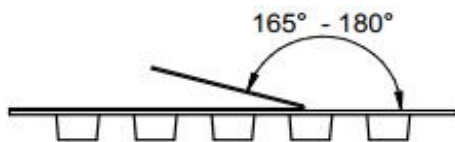
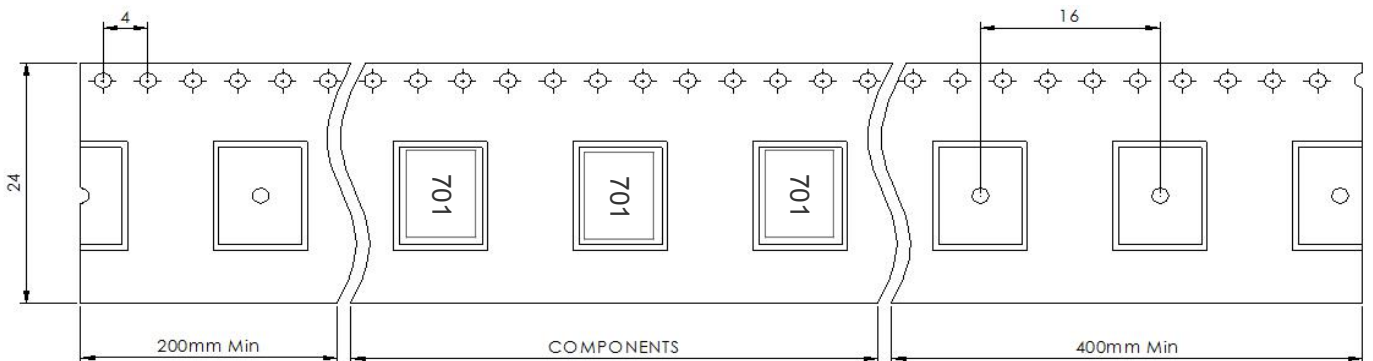
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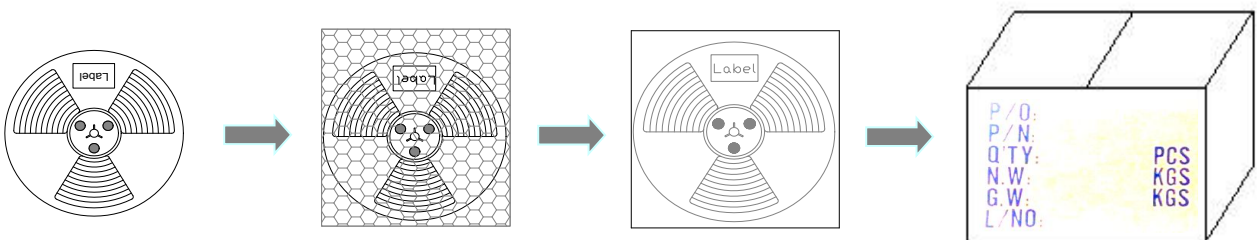
七.材料清单/MATERIAL LIST

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：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