



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>	7060
顺翔诺料号 <i>SXN P/N</i>	SMCM7060-SERIES
文件编号 <i>FILE NO.</i>	SP-18122001

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

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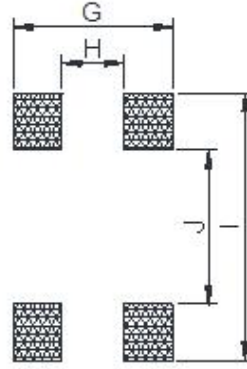
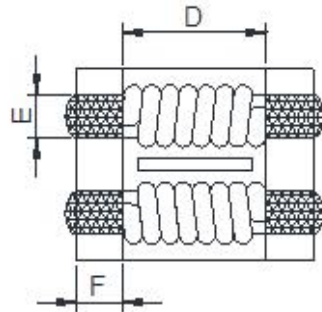
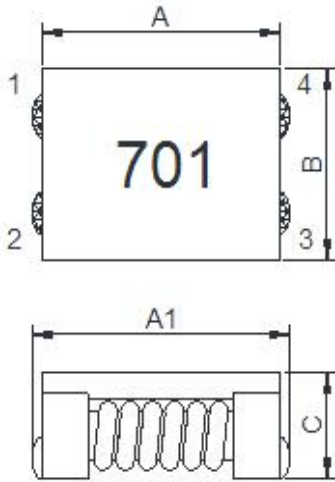
*修改记录/MODIFY RECORDS*

版别 REV.	变更编号 ECN NO.	修改内容 MODIFY CONTENT	拟制 DRAWING	审核 CHECKED	批准 APPROVED
A		新发行			

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一.外观图/DIMENSION (单位/UNIT : mm)



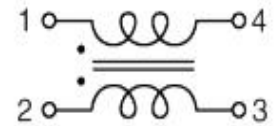
Pad Layout

A	7.0 ±0.5
A1	7.5 ±0.5
B	6.0 ±0.5
C	3.8 Max
D	3.5 Typ
E	1.5 Typ
F	1.7 Typ
G	5.0 Typ
H	1.5 Typ
I	8.0 Typ
J	3.0 Typ

二.注意事项/NOTE :

- 1.印字：白色3.7×2.4mm (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					
SMCM7060-400T	40	70	5	15.0	125	10	400
SMCM7060-101T	100	140	10	9.0	125	10	101
SMCM7060-301T	225	300	10	5.0	125	10	301
SMCM7060-501T	275	450	10	5.0	125	10	501
SMCM7060-601T	500	700	15	4.0	125	10	601
SMCM7060-701T	500	700	15	4.0	125	10	701
SMCM7060-102T	800	1020	17	3.0	125	10	102
SMCM7060-132T	910	1300	21	2.5	125	10	132
SMCM7060-272T	2000	2700	63	1.0	125	10	272
SMCM7060-302T	2500	3000	75	0.9	125	10	302

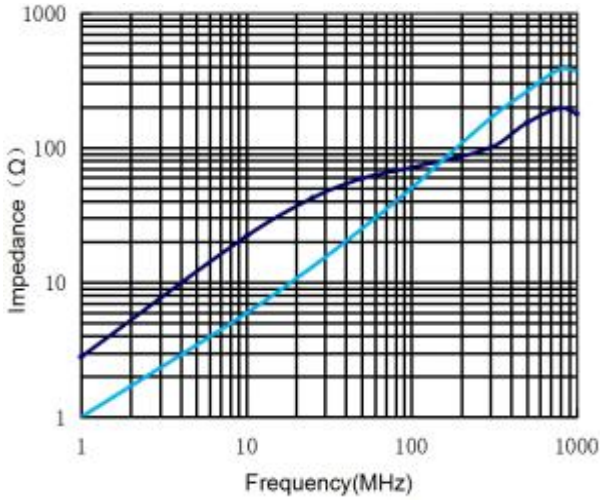
- (1).Rated Current: Temp.rise 40°C Typ
- (2).Operating Temperature: -40°C up to +125°C
- (3).Storage Temperature: -40°C up to +125°C, 75% RH max.

# 承认书/SPECIFICATION FOR APPROVAL

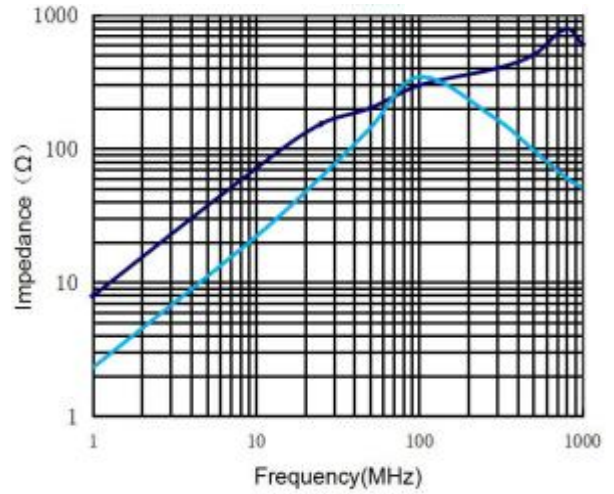
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## 五.特征曲线/CHARACTERISTICS(REFERENCE)

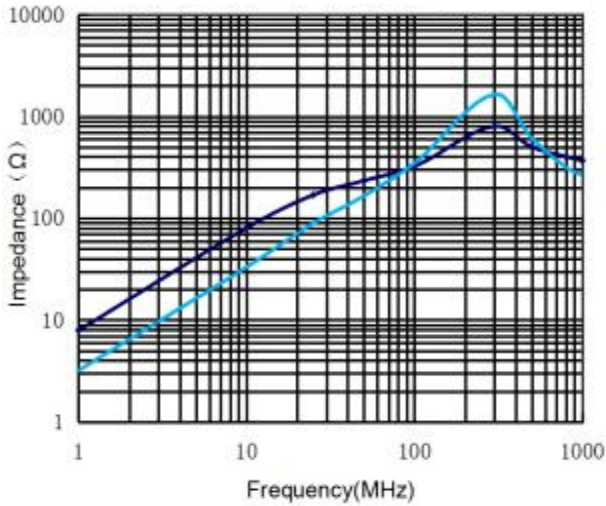
SMCM7060-400



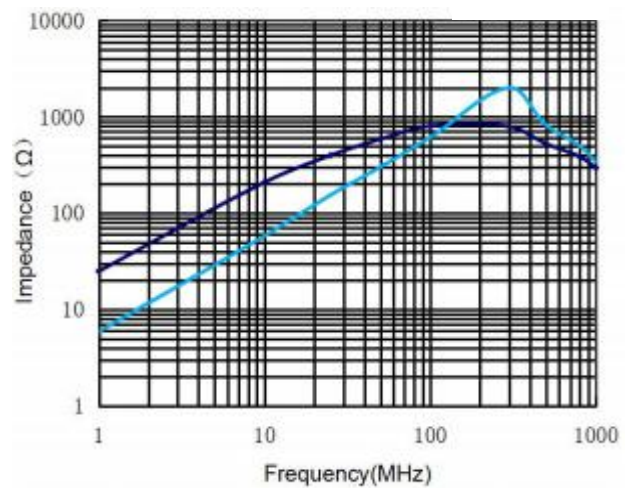
SMCM7060-101



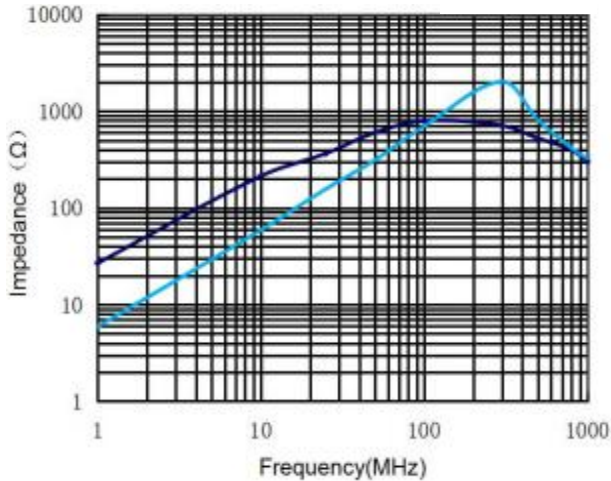
SMCM7060-301



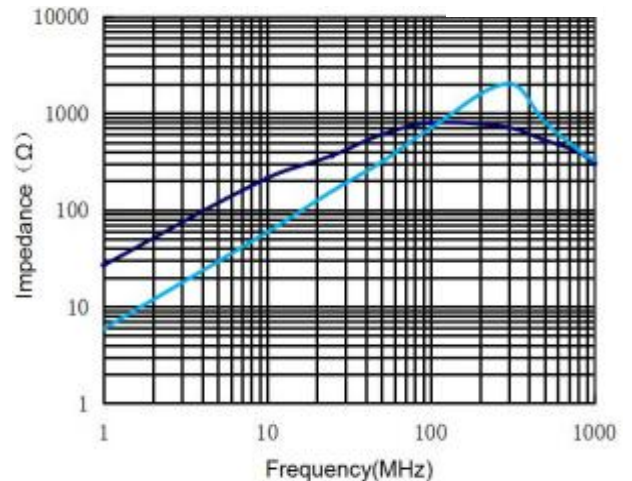
SMCM7060-501



SMCM7060-601



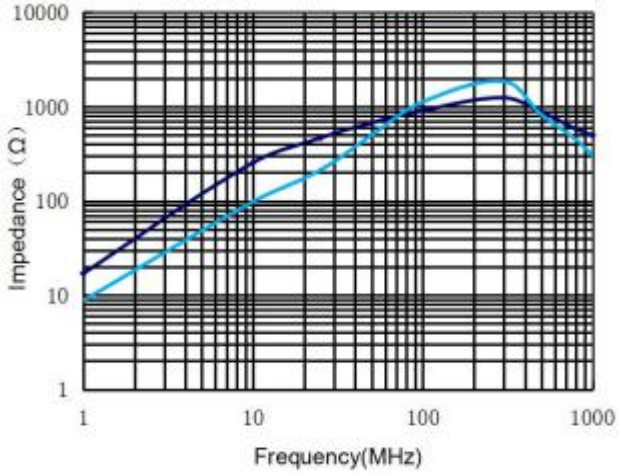
SMCM7060-701



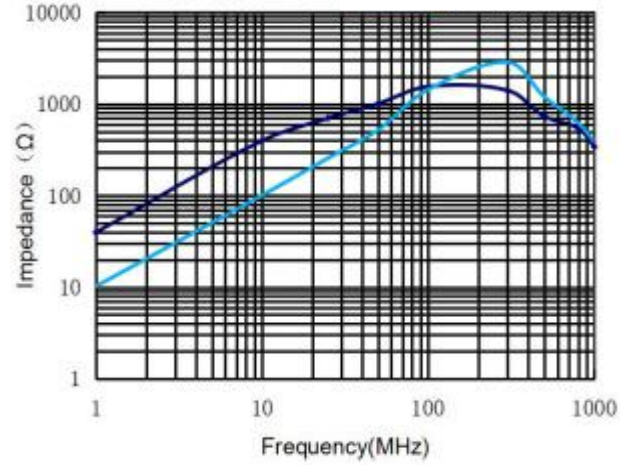
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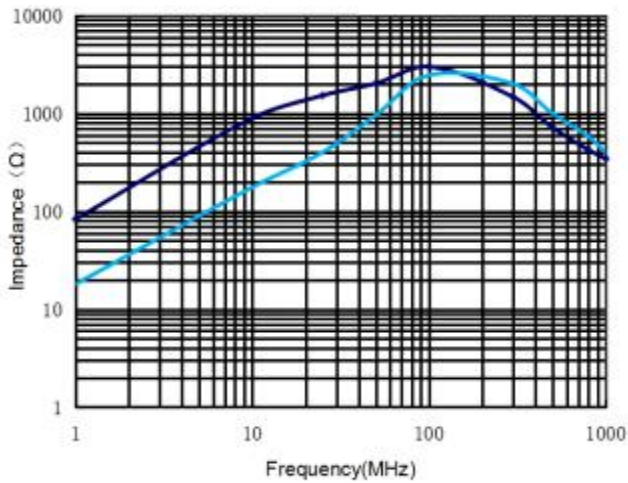
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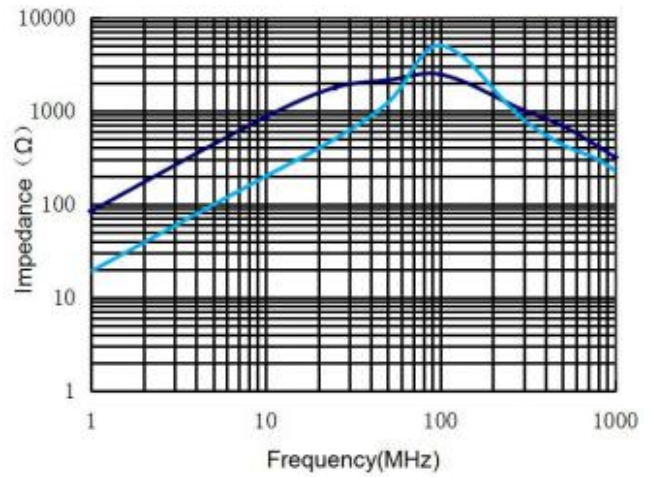
SMCM7060-132



SMCM7060-272



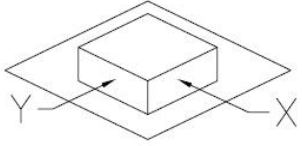
SMCM7060-302



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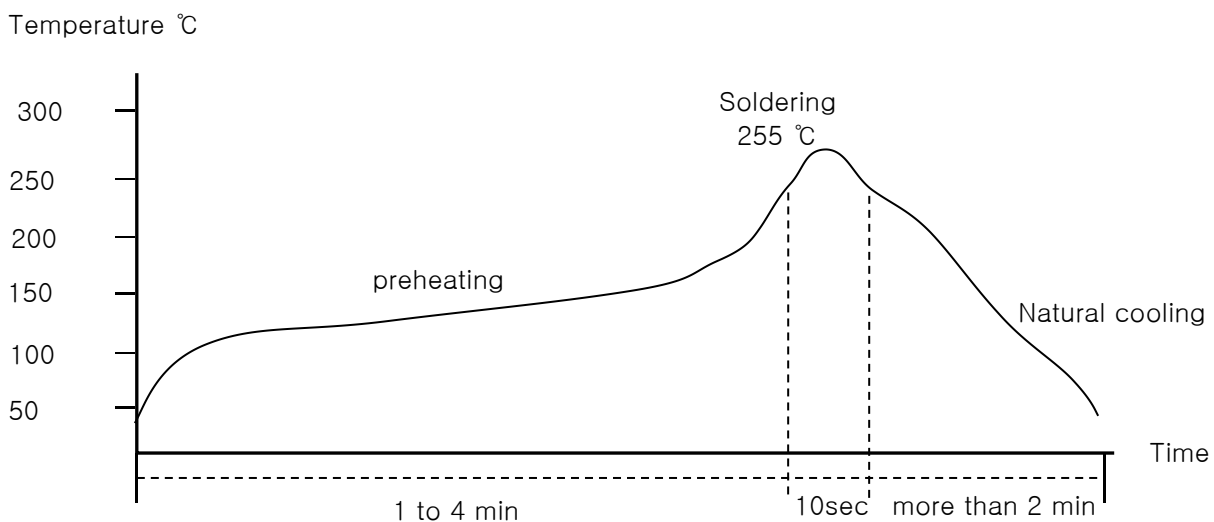
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## 六.可靠性测试/RELIABILITY TESTING

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

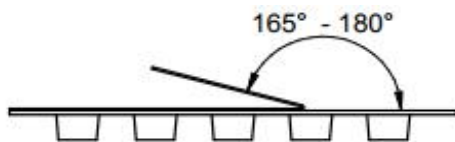
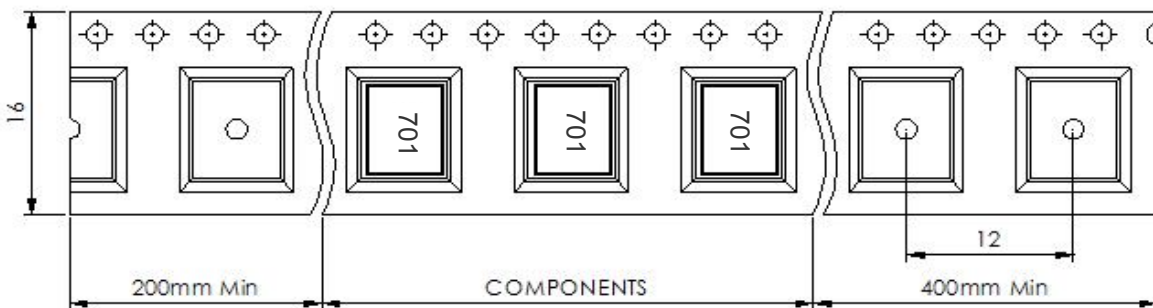
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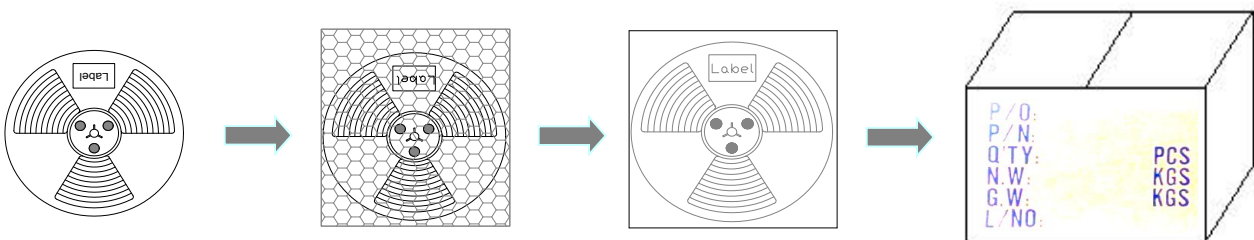
## 七.材料清单/MATERIAL LIST

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
16 mm	12 mm	10~120g



轮盘：13'(直径330mm)  
数量：1500PCS/盘

PE袋  
数量：4500PCS/袋

内盒  
数量：4500PCS/盒

外箱，数量：22500PCS/箱  
不足整箱用内盒或填充物  
装满

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