



产品承认书 SPECIFICATION FOR APPROVAL

客户名称:

CUSTOMER

我司料号:

OUR PART NO.

XRSMW5045-102LT

我司品名:

OUR PART NAME

Common mode filter

送样日期:

DATE SAMPLES

数量:

QUANTITY

制造确认 MANUFACTURER APPROVE

拟制 DRAWN	审核 CHECKED	确认 APPROVED
Hufangting	RaoPing	ZhongCuilan

客户确认 CUSTOMER APPROVE

客户名称 CUSTOMER NAME:

客户料号 CUSTOMER P/N:

规格型号 DESCRIPTION:

XRSMW5045 1000Ω 3.0A

检查结果: ☐ 合格 ☐ 不合格

签名及盖章:

INSPECT RESULT ACCEPT REJECT

SIGNATURE AND STAMP

说明 REMARK:

如对本承认书内容有异议请提出或标记发送至我司, 本承认书在未收到异议回复时于本承认书提供一周后生效。

If you have any objection to the contents of this acknowledgment, please raise it or send the mark to us. The acknowledgment will become effective one week after the acknowledgment is provided in the absence of any objection.

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修订记录 Revision record

[illegible]

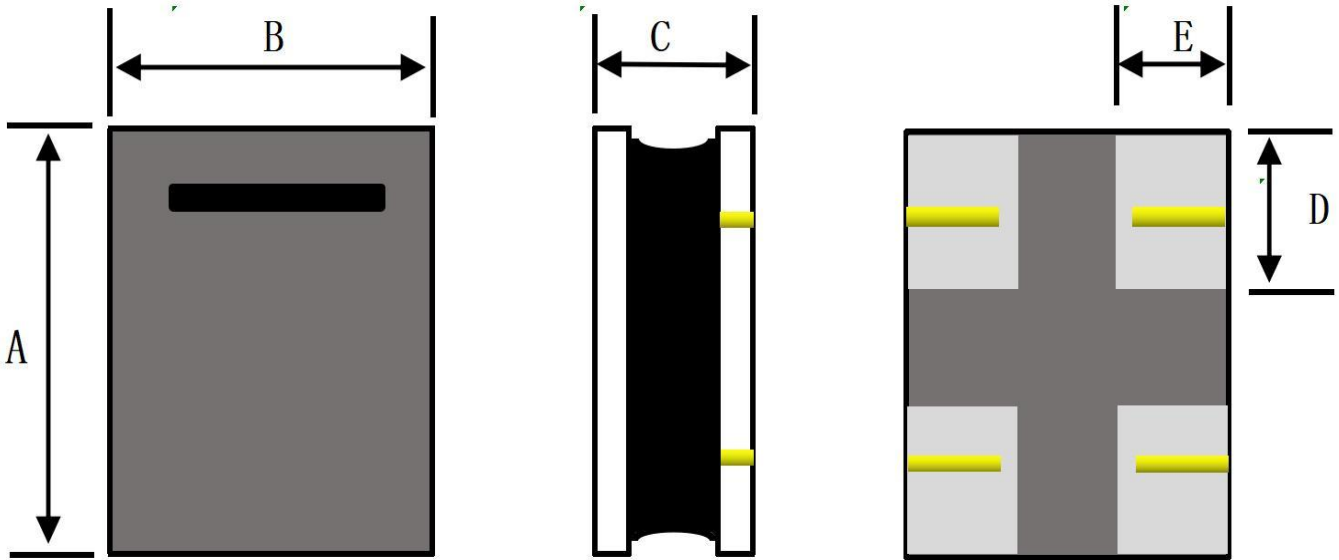
产品承认书

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客户名称 CUSTOMER		日期 DATE	2025/8/17
客户物料编号 CUSTOMER P/N		客户规格型号 DESCRIPTION	XRSMW5045 1000Ω 3.0A
我司物料编号 OUR PART NO	XRSMW5045-102LT	我司品名 OUR PART NAME	Common mode filter

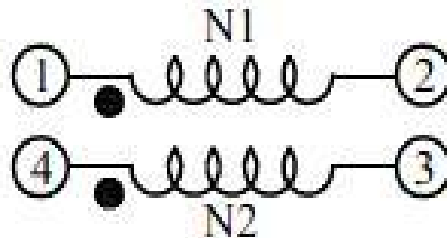
一、外观尺寸 Appearance of size

单位 Unit: mm



A	B	C	D	E
5.0±0.3	4.5±0.3	2.5MAX	1.6±0.3	1.4±0.3

二、电路图/CIRCUIT DIAGRAM:



三、注意事项/NOTE:

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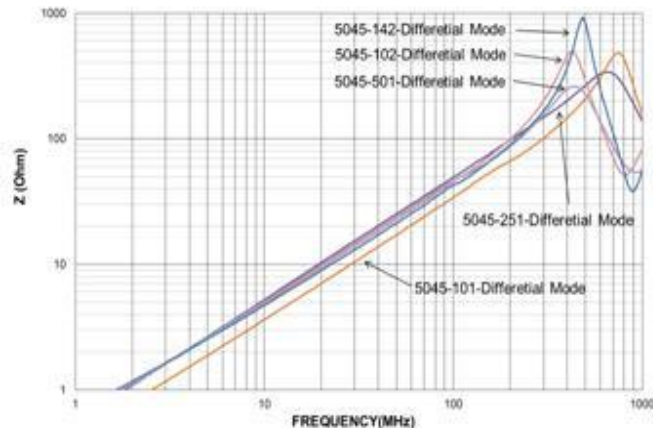
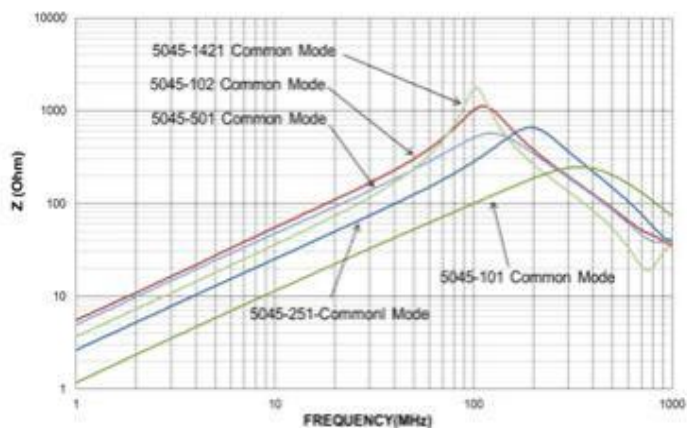
客户名称 CUSTOMER		日期 DATE	2025/8/17
客户物料编号 CUSTOMER P/N		客户规格型号 DESCRIPTION	XRSMW5045 1000Ω 3.0A
我司物料编号 OUR PART NO	XRSMW5045-102LT	我司品名 OUR PART NAME	Common mode filter

四、电气特性/ELECTRICAL CHARACTERISTIC:

CUSTOMER P/N	Common mode Impedance (Ω)	Test Frequency	Rated Voltage (Vdc) MAX	DCR (mΩ) MAX	Rated Current (A) Max.	IR (MΩ) MIN
XRSMW5045-102LT	1000 (Typ)	100MHz/0.5V	50	24±40%	3.0	10

- (1).Rated Current: Temp.rise 40° C Typ.
- (2).Operating Temperature: -40° C up to +125°C.
- (3).Storage Temperature: -20° C up to +40° C, 75% RH max.

五、特征曲线/CHARACTERISTICS (REFERENCE) :



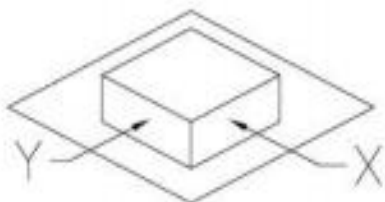
六、材料清单/MATERIAL LIST:

NO.	ITEM	DESCRIPTION	SUPPLIER
1	CORE	FERRITE	FENGYIN OR EQ
2	WIRE	P180 Grd1	ELEKTRISOLA OR EQ
3	ADHESIVE	EPOXY RESIN	NAGASE OR EQ
4	SOLDER	Sn99.3:Cu0.7	SHENMAO OR EQ

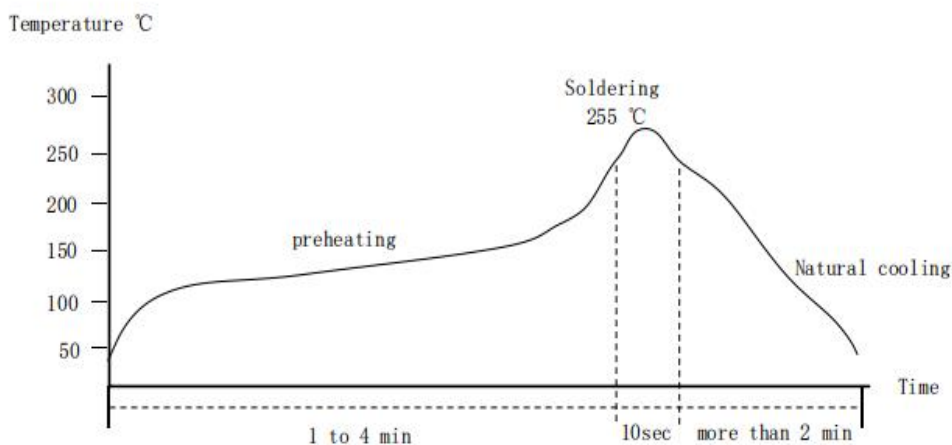
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七、可靠性测试/RELIABILITY TESTING:

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 .