



产品承认书 SPECIFICATION FOR APPROVAL

客户名称:

CUSTOMER

我司料号:

OUR PART NO.

XRNMJ2018B-502MV1L2

我司品名:

OUR PART NAME

common mode choke

送样日期:

DATE SAMPLES

数量:

QUANTITY

制造确认 MANUFACTURER APPROVE

拟制 DRAWN	审核 CHECKED	确认 APPROVED
Hu Fangting	RaoPing	ZhongCuilan

客户确认 CUSTOMER APPROVE

客户名称 CUSTOMER NAME:

客户料号 CUSTOMER P/N:

NMJ2018 5mH 1.2 line vertical belt base

规格型号 DESCRIPTION:

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]

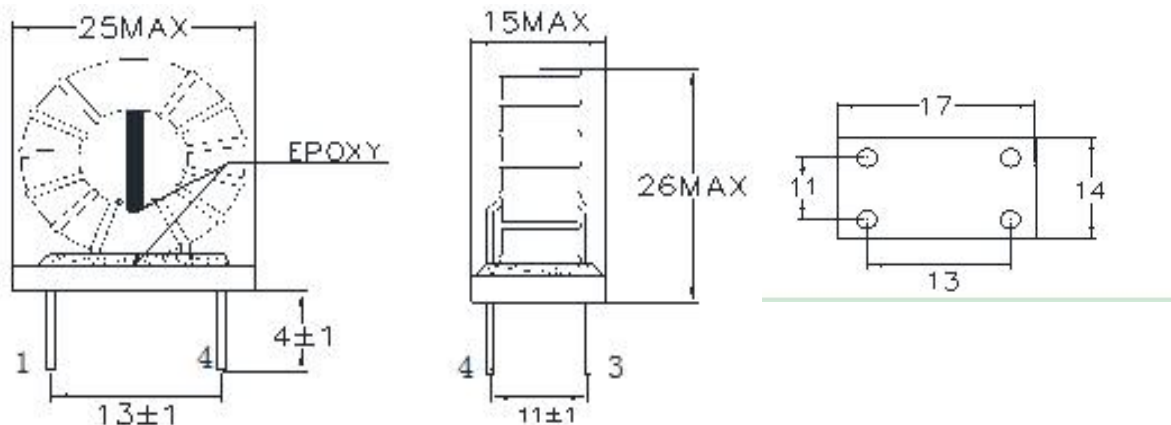
产品承认书

SPECIFICATION FOR APPROVAL

客户名称 CUSTOMER		日期 DATE	2025/1/10
客户物料编号 CUSTOMER P/N		客户规格型号 DESCRIPTION	NMJ2018 5mH 1.2 line vertical belt base
我司物料编号 OUR PART NO	XRNMJ2018B-502MV1L2	我司品名 OUR PART NAME	common mode choke

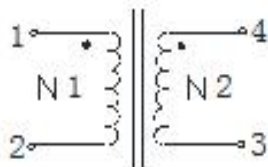
外观尺寸 Appearance of size

单位 Unit: mm



(以上尺寸为手工测量只做参考详细尺寸以实物为准) (The above dimensions are measured by hand for reference only. The detailed dimensions are subject to the physical objects.)

电路图 Schematic Diagram



绕线结构表 Winding Structure Diagram :

绕组 WINDING	起始 S	结束 F	绝缘线/漆包线 Insulated wire/enamelled wire	圈数 cylinder number		绕制方式 Winding mode		
N1	1	2	2UEW Φ1.2mm	7.5TS	refer to			
N2	4	3	2UEW Φ1.2mm	7.5TS	refer to			

注意事项 Matters needing attention:

1、排线要均匀，美观。 2、PIN脚要光亮 3、磁环需点黑胶固定隔板。

1, the cable should be uniform and beautiful. 2. PIN feet should be bright. 3. Magnetic rings need to be fixed with black glue.

4.由于纳米晶的特性，纳米晶磁芯在成份配方不变的情况下，不同批次会有导磁率区别，因此该规格的电感量只能尽量控制接近标称电感值（±30%）。正常纳米晶电感量的偏差，对电感的性能影响不大。如对电感量要求较严格的，慎重选择。Due to the inherent properties of nanocrystalline materials, nanocrystalline cores may exhibit variations in permeability between different production batches even when the material composition remains unchanged. Consequently, the inductance value for this specification can only be controlled to approximate the nominal inductance value (±30%). Normal deviations in nanocrystalline inductance have minimal impact on the performance of the inductor. For applications requiring strict inductance tolerances, careful selection is advised.



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电性参数 Electrical parameters

测试项目 TEST PROJECT	电性范围 SPEC	测试条件 TEST FREQ	测试仪器 TEST STRUMENTS
电感量L	5mH $\pm$ 30%	1KHZ / 0.25V	TH-2811D
额定电流Irms	13A ($\pm$ 5%)	1KHZ / 0.25V	E1412A
饱和电流 Isat	25A ($\pm$ 5%)	1KHZ / 0.25V	E1412A
直流电阻DCR	20m Ω MAX	AT25 $^{\circ}$ C 1KHZ / 0.25V	E1412A

HIT-POT: Coil To Coil 2000V DC 1mA 50HZ 3S.

Operating Temperature Range:-25 $^{\circ}$ C to +105 $^{\circ}$ C.

材料清单MATERIAL LIST:

NO	物料名称 (MATERIAL NAME)	物料规格 (MATERIAL NORM)	耐温等级 (TMP.)	供应商 supplier	编码 (UL.NO)
1	磁芯 magnetic core	T18*10*8-纳米晶蓝色 Nanocrystalline Blue		FSY	
2	线材 wire rod	2UEW Φ 1.2mm	180 $^{\circ}$ C	TPY	E206882
3	底板 Baseboard	17*14*1.0mm	130 $^{\circ}$ C	JT	E59481
4	黑胶 Vinyl	FK661	130 $^{\circ}$ C	QF	E327170
5	隔板 septum	7.9*8*1.0mm	130 $^{\circ}$ C	JT	E59481

NO	项目project	技术要求technical requirement	结论
1	外观和尺寸 Appearance and size	符合产品规范和公差要求 Meet product specifications and tolerance requirements.	OK

制表 MADE	审核 CHECKED	批准 APPROVED
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注意事项 Matters needing attention

1、本公司产品适用于 AV 设备、OA 设备、家电、信息服务等一般电子设备中。

Our products are designed and promoted for use in general electronic devices such as audio-video equipment, office automation equipment, home appliance and information service.

2、当本公司的产品使用在一般电子设备以外的领域时，对于此所引发的设备失效我司将不承担任何法律责任。

In case of using the product for the purpose other than general electronics devices, we shall not be held liable for any dysfunctions in or damage to the equipment with which the product is used.

3、本承认书只保证我司产品作为一个单体时的质量情况，当我司产品被安装到贵司产品上时，请贵司对使用在贵司电路上的产品情况进行了有效评价和确认。

Our specification limits the quality of the component as a single unit. Please ensure the component is thoroughly evaluated in your application circuit.

4、不要对产品施加过大的振动或机械冲击；

Do not apply excessive vibration or mechanical shock to products.

5、为防止断线，请不要使用锋利的物体接触线圈，如镊子；

Do not touch wire with sharp objects such as tweezers to prevent wire breakage.

6、在产品贴装时不要使用过大的压力，避免磁芯断裂。

Do not apply excessive stress to products mounted on boards to prevent core breakage.

7、为保证端子电极的焊接特性和包装材料处于良好状态，请于本公司发货后 6 个月内使用本产品。同时，由于端子电极的焊接特性会随时间发生变化，如果贮存时间超过 6 个月，请首先确认其焊接特性后再安装使用。

To maintain the solderability of terminal electrodes and to keep the packing material in good condition, product should be used within 6 months from the time of delivery. And the solderability of products electrodes may decrease as time passes, so in case of storage over 6 months, solderability shall be checked before actual usage.

8、存放货物的仓库应满足以下条件 Store products in a warehouse in compliance with the following condition:

条件 Conditions	元件含包装物 Packing status	元件自身 Component itself
温度 Temperature	-25~+40℃	-25~+85℃
湿度 Humidity	30~70%RH	30~70%RH

9、不要使产品遭受温度和湿度的快速变化。

Do not subject products to rapid changes in temperature and humidity.

10、不要将产品存放在化学环境中，如硫酸气体或碱性气体中，否则会降低电极端子的焊接特性和使电感器腐蚀。

Do not store the products in chemical atmosphere such as one containing sulfurous acid gas or alkaline gas, that will causes poor solderability and corrosion of inductors.

11、为了避免受潮气、灰尘等物质的影响，产品应保管于货架上。

Store products on pallets to protect from humidity, dust, etc

12、产品应避免热冲击、振动以及直接光照等等。

Avoid heat shock, vibration, direct sunlight, etc.