



产品承认书

SPECIFICATION FOR APPROVAL

客户名称:
CUSTOMER

我司料号:
OUR PART NO.

XRRHRLVR1R5-80A

我司品名:
OUR PART NAME

Magnetic Bar Inductors

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:

规格型号 DESCRIPTION:

8*20-4.0*1.8 wire 1.5UH 8.5T flat copper wire
Vertical

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。

Should you have any objections to the contents of this acknowledgment, please submit or mark them for delivery to our company. This acknowledgment shall take effect one week after its issuance, provided no objections are received.

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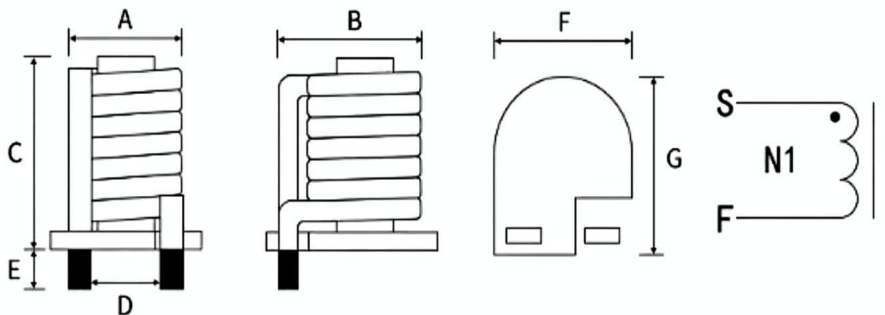
修订记录 Revision record

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产品承认书 SPECIFICATION FOR APPROVAL

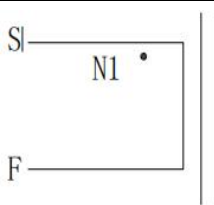
客户名称 CUSTOMER		日期 DATE	2025/10//30
客户物料编号 CUSTOMER P/N		客户规格型号 DESCRIPTION	8*20-4.0*1.8 wire 1.5UH 8.5T flat copper wire Vertical
我司物料编号 OUR PART NO	XRRHRLVR1R5-80A	我司品名 OUR PART NAME	Magnetic Bar Inductors

外观尺寸: Appearance of size; 单位 Unit: mm (公差: $\pm 0.3\text{mm}$)



A	B	C	D	E	F	G	磁芯		
19.4 ± 0.3	16.3 ± 0.3	23.1 ± 0.3	8.9 ± 0.3	3.7 ± 0.3	19.1 ± 0.3	20 ± 0.3	8*20		

schematic diagram:



绕制顺序 Winding sequence:

NO1	winding	Wire diameter, number of strands, number of turns	Start-End	Note
1	N1	T1.8mm*4.0W*8.5Ts	S-F	flat wire

电气参数 Electrical parameters:

测试项目 Test items	Inductance (uH)	精度accuracy	耐压测试 pressure test	额定电流 I _{rms} (A) $\pm 5\%$	测试条件 Test conditions	
XRRHRLVR2R2-80A	1.5	$\pm 20\%$	DC200V/5mA/60S	80.0	10KHz/0.25V	

物料清单Bill of materials:

名称 Name	规格描述 SpecificationDescription	材质 material	指定厂商或安规要求 Designated manufacturer or safety regulations requirements	备注 Note
磁芯 magnetic core	R8*20	NI: Nickel core	DN50B Dongci///D8 Tongda	
扁平线 flat wire	SFT-EI/AIN 180*C MIN		WELL ASCENT ELECTRONIC (GAN ZHOU) CO.,LTD.	E318511
胶 glue	3300HF		DONGGUAN EATTO ELECTRONIC	E218090
底板 base plate	20*19*2	FR-4	UL94-YO Kingboard Holding Limited	E123995

绕制要求 Winding requirements:

- 引脚脚焊锡要光亮;
The solder on the pins should be shiny.
- 磁棒与线圈点胶固定;
Magnetic rods and coils are fixed with adhesive;
- 线圈尽可能居于磁棒, 磁芯顶部及底部到线圈距离差的绝对值不大于1mm; The coil should be centered as much as possible on the magnetic rod, and the absolute value of the difference between the distance from the top and bottom of the magnetic core to the coil should not exceed 1 mm.
- 引脚及磁棒与底板间点胶固定; S与底板间有缺口不能点胶。
Pins and magnetic rods are secured to the base plate with adhesive; The gap between S and the base plate cannot be filled with adhesive.



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、本承诺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.