



# 产品承认书

## SPECIFICATION FOR APPROVAL

客户名称:  
CUSTOMER

我司料号:  
OUR PART NO.

XRT94-8-591LVL42

我司品名:  
OUR PART NAME

Magnetic ring inductance

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:

XRT94-8-590UH Vertical 0.42\*150TS Yellow-Red Ring

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.

东莞市祥如电子有限公司

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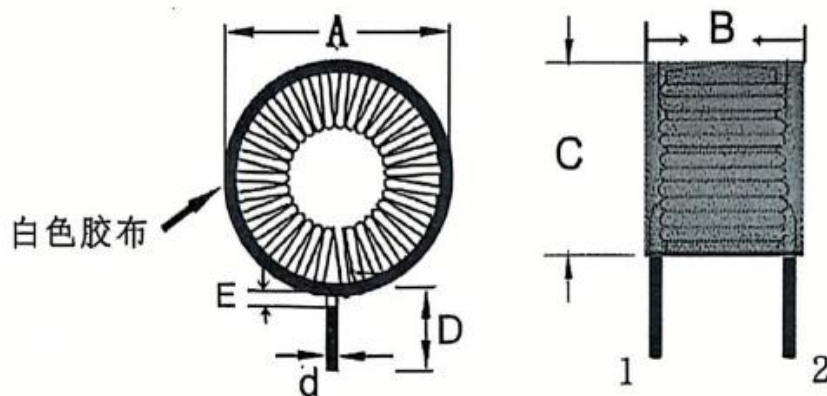
[illegible]

## 产品承认书 SPECIFICATION FOR APPROVAL

客户名称 CUSTOMER		日期 DATE	2025/5/29
客户物料编号 CUSTOMER P/N		客户规格型号 DESCRIPTION	XRT94-8-590UH Vertical 0.42*150TS Yellow-Red Ring
我司物料编号 OUR PART NO	XRT94-8-591LVL42	我司品名 OUR PART NAME	Magnetic ring inductance

外观尺寸 Appearance of size

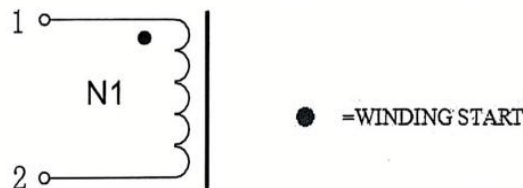
单位 Unit: mm



A	28.0max	C	28.0max	E	1.5max		
B	11.5max	D	6.0±1.0	d	0.42±0.1		
标识Identification							

(以上尺寸为手工测量只做参考详细尺寸以实物为准)

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 WIRE	圈数 TURNS	绕制方式 WINDINGWAY	
N1	S	F	2UEW Φ0.42mm	150TS 参考refer to	黄色漆包线单绕	

注:立式,磁环外围用白色胶布包2TS;

Note: Vertical orientation, wrapped with white electrical tape around the magnetic ring exterior 2TS

注意事项 Matters needing attention:

1.有效长度:引脚的有效长度指 PCB板插件的有效长度。

Effective length: The effective length of a pin refers to the effective length of the PCB board connector.

2.搪锡高度控制在磁芯底部, 不可超过磁环烫伤线圈。

The solder height must be controlled at the bottom of the magnetic core and must not exceed the magnetic ring's coil burn line.

3.成品后沿磁芯外围用9.0mm白色胶布包2TS。

After completion, wrap the outer edge of the magnetic core with 9.0mm white electrical tape for 2 turns.



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我司物料编号 OUR PART NO	XRT94-8-591LVL42	我司品名 OUR PART NAME	Magnetic ring inductance

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	≥590uH	10KHz/0.3V 30Ω	TH2776LCZ METER
直流电阻DCR	0.8ΩMAX	at 25℃	

测试报告 The test report

测试项目 Test project	电性范围 SPEC	测试结果 Test result				
		1	2	3	4	5
电感量L	590uH±15%	OK	OK	OK	OK	OK
直流电阻DCR	0.8ΩMAX	OK	OK	OK	OK	OK

材料清单 Bill of Materials:

NO.	Material Name	Specifications	Supplier	UL. NO
1	Magnetic ring	黄红环 T94-8	Dongguan Mingxuan Materials Co., Ltd.	/
2	Wire	2UEW/155℃ Φ0.0.42mm	Zhejiang Hongbo Cable Co., Ltd. / Wuxi Jufeng Composite Wire Co., Ltd.	E221719/ E206882
3	Tin material	SN99.9	Yunnan Tin Industry Co., Ltd.	/
4	Electrical Tape	9.0mm	Shenzhen Xinhua Hu Adhesive Technology Co., Ltd.	E328315
5				



## 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.