



# 产品承认书 SPECIFICATION FOR APPROVAL

客户名称:  
CUSTOMER

我司料号:  
OUR PART NO.

XRRHSWV121-100A-X

我司品名:  
OUR PART NAME

Magnetic ring 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	LiZhengxiong

## 客户确认 CUSTOMER APPROVE

客户名称 CUSTOMER NAME:

客户料号 CUSTOMER P/N:

120uH 100A High Current Inductor Square Wire Inductor

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

DONGGUAN XIANGRU ELECTRONICS CO.,LTD

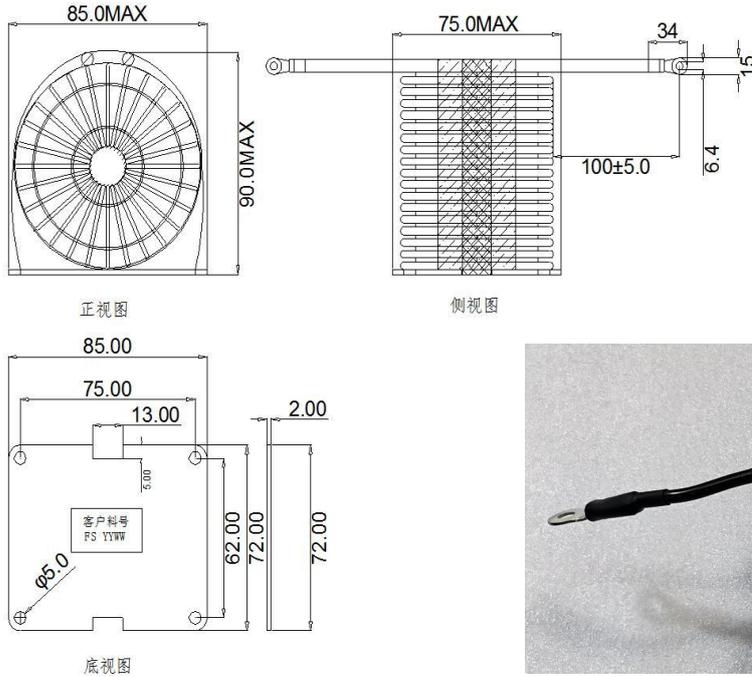
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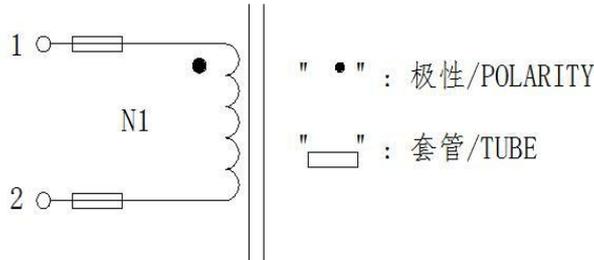


1. 安装尺寸及外形图 Installation dimensions and outline drawing:

单位:mm



2. 绕制方式 COIL CONSTRUCTION:



3. 线圈参数 WINDING:

绕组 Winding	引脚号 Pin number		线径/股数 Wire Diameter/Number of Strands	匝数 Number of turns	胶带 Adhesive tape	绕制方式 Winding method	挡墙胶带 Retaining Wall Tape
	起始端 S	终止端 F					
N1	1	2	1EIW-N 1.5x7mm 扁平线	28TS	/	立绕	/

注 NOTE:

1.1: 产品用两个KSF250026A绕制;

Product wound with two KSF250026A coils.

1.2: PIN长从线圈面量起, 100m±15mm, 进出线套玻璃纤维管后绑两根扎带, 焊接10AWG电子线;

The PIN length, measured from the coil surface, is 100mm ± 15mm. After threading the incoming and outgoing wires through the fiberglass tube, secure them with two zip ties. Solder 10 AWG electronic wire.

1.3: 线圈外侧包一圈诺美纸, 诺美纸外用钢带固定;

Wrap the coil with a layer of Nomee paper on the outside, then secure the Nomee paper with steel strapping.

1.4: 产品立式组装, 与底板间点胶固定;

The product is assembled vertically and secured to the base plate with adhesive.

1.5: 产品需要浸漆, 无铅制程。

The product requires dip coating and a lead-free manufacturing process.

## 产品承认书

### SPECIFICATION FOR APPROVAL

4.电气性能 ELECTRICAL CHARACTERISTICS:(AT 25°C):						
测试项目 Test items	测试脚位 Test pin	标准范围 Standard range	测试条件 Test Conditions	测试仪器 Test equipment		
电感 INDUCTANCE	Ls(1-2)	0.13mH±15%	1KHZ 0.3V@25°C	DPG1000OR EQU.		
直流叠加 DCS	Ls(1-2)	90uH MIN	100V 1000uS100ADC @25°C	DPG1000OR EQU.		
直流电阻 DCR	R(1-2)	9.5mΩ Max	25°C	2511ohm Mete		
绝缘电阻 IR	COIL-CORE	100mΩ Min.	DC500V	GPI-735A		
抗电强度 HI-POT	COIL-CORE	1500VAC	50Hz,5mA,2S	TH9201S OR EQU		
匝数 Number of turns	N1	28Ts	20kHz,1V @25°C	CH-310 OR EQU		
5.材料清单 MATERIAL LIST:						
项目 Project	材质/品牌 Material/Brand	规格/型号 Specifications/Model	耐温等级 Temperature Rating	生产厂家 Manufacturer	UL	ROHS
磁芯 Core	NPF	250026	N/A	POCO	N/A	Y
	KSF	250026	N/A	KDM	N/A	Y
	PK	250026	N/A	RED-MAG	N/A	Y
	GF	250026	N/A	DONG GE	N/A	Y
铜线 copper wire	1E1W-N	1.5*7.0mm	200°C	GUANGDONG HUIJIN TECHNOLOGY CO., LTD.	E525431	Y
				TAI-I COPPER(GUANZHOU) CO LTD	E234896	
胶 Adhesive	Resin	3300A/B	130°C	DONGGUAN EATTO ELECTRONIC MATERIAL COLTD	E218090	Y
		6065	150°C	GUANGZHOU HUITIANNEW MATERIAL CO LTD	E306078	Y
锡 Tin	SN-CU	SN-CU	N/A	DONGGUAN THOUSANDISLANDMETAL FOILCO.,LTD	N/A	Y
底板/隔板 PCB	KB-6015	2.0mm/t	130°C	KING BOARO LAMINATES HOLDINGSLTD	E123995	Y
绝缘纸 Insulating paper	#410	0.25mm/t	180°C	DUPONT SPECIALTY PRODUCTS USA, LLC	E34739	Y
凡立水 Fanlishui	JX-1150JD	/	155°C	SHENZHEN XINGSHIDASCIENTECH.CO.,LTD	E327170	Y
钢带 steel strip	Steel	0.3mm/T	N/A	N/A	N/A	Y
端子 Terminal	RNBS22-5	/	N/A	T-TEKMINALS. CO., LTD	N/A	Y
束带 tie strap	BW80MH	120°C	N/A	DONGGUAN GINO PLASTIC PRODUCTS CO LT	N/A	Y
玻纤套管 F,S	SGS-25	/	200°C	SHENZHEN WAHCHANGWEI INDUSTRIAL CO LTD	N/A	Y
				SHENZHEN WOER HEAT-SHRINKABLE MATERIALCO LTD		

## 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.**