



# 产品承认书 SPECIFICATION FOR APPROVAL

客户名称:

CUSTOMER

我司料号:

OUR PART NO.

XREE16-050637

我司品名:

OUR PART NAME

Transformer

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:

XREE16 Vertical widening 5+5 1.1mH

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]

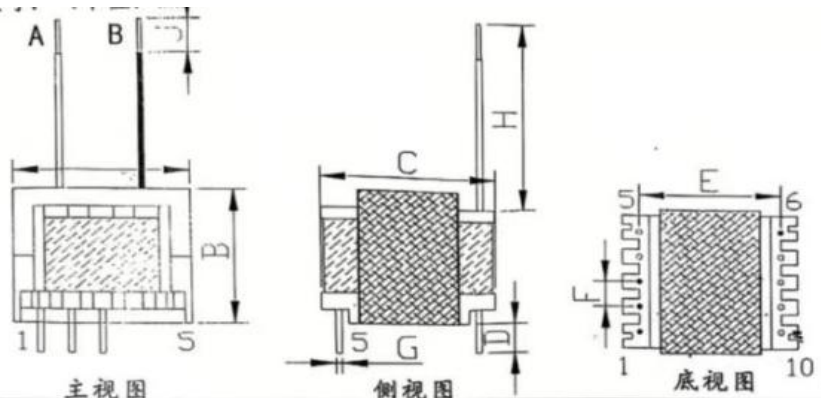
## 产品承认书

### SPECIFICATION FOR APPROVAL

|                        |               |                       |                                    |
|------------------------|---------------|-----------------------|------------------------------------|
| 客户名称<br>CUSTOMER       |               | 日期<br>DATE            | 2025/1/17                          |
| 客户物料编号<br>CUSTOMER P/N |               | 客户规格型号<br>DESCRIPTION | XREE16 Vertical widening 5+5 1.1mH |
| 我司物料编号<br>OUR PART NO  | XREE16-050637 | 我司品名<br>OUR PART NAME | Transformer                        |

#### 一、外观尺寸 Appearance of size

单位 Unit: mm



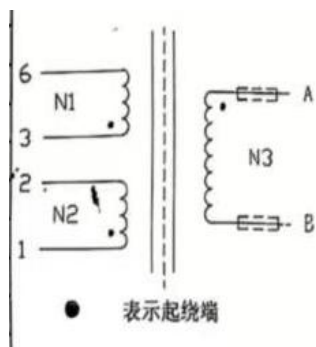
| A       | B       | C       | D       | E      | F        | F1      | G       | H    | J     |
|---------|---------|---------|---------|--------|----------|---------|---------|------|-------|
| 18.5max | 16.5max | 18.5max | 3.5±0.5 | 14±0.5 | 3.00±0.3 | 0.6±0.1 | 0.6±0.1 | 40±2 | 5.0±2 |

(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.)

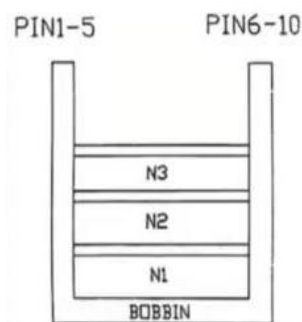
#### NOTE:

- 骨架为EE16立式加宽5+5 (XHY-EI-1605), 拔除PIN4. 5. 7. 8. 9. 10脚, PIN朝机台左顺转绕制; Skeleton for the EE16 vertical widening 5 + 5 (XHY-EI-1605), remove the PIN 4. 5. 7. 8. 9. 10 feet, PIN towards the machine left turn winding.
- N3为飞线从次级顶部飞出, A穿白色套管从PIN9脚顶部飞出总长40±2mm, B穿黑色套管从PIN7脚顶部飞出总长40±2mm, 其中镀锡总长5±1mm; (飞线长度从骨架顶部起量); N3 for the flywire from the top of the secondary fly, A through the white casing from the top of the PIN9 feet fly a total length of 40 Shi 2mm, B through the black casing from the top of the PIN7 feet fly a total length of 40 ± 2mm, of which the total tin-plated length of 5 ± 1mm; (Flywire length from the top of the skeleton from the amount of).
- 磁芯冉欣EE17/16/10, 材质PC95, 需开气隙, 气隙装于顶部; Core Ranxin EE17/16/10, material PC95, need to open the air gap, air gap installed on the top
- 磁芯胶带用9.5mm包2Ts固定, 产品胶带颜色为淡黄色; Core tape fixed with 9.5mm package of 2Ts, product tape color is light yellow
- 产品真空含浸处理; 成品需二次焊锡;

#### 原理图schematic:



#### 结构图structure plan:





产品承认书  
SPECIFICATION FOR APPROVAL

|                        |               |                       |                                    |
|------------------------|---------------|-----------------------|------------------------------------|
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| 客户物料编号<br>CUSTOMER P/N |               | 客户规格型号<br>DESCRIPTION | XREE16 Vertical widening 5+5 1.1mH |
| 我司物料编号<br>OUR PART NO  | XREE16-050637 | 我司品名<br>OUR PART NAME | Transformer                        |

绕线结构 /WINDING STRUCTURE:

| 绕组<br>WDG | 脚位Pin |   | 使用材料<br>Material       | 圈数<br>Turns | 胶带<br>Tape | 挡墙<br>Retaining walls |     | 套管<br>Trocara |            | 备注<br>Remarks |
|-----------|-------|---|------------------------|-------------|------------|-----------------------|-----|---------------|------------|---------------|
|           | S     | F |                        |             |            | PIN                   | TOP | S             | F          |               |
| N1        | 3     | 6 | 2UEW $\Phi$ 0.35mm*1P  | 104.5TS     | 2TS*9.0mm  | /                     | /   |               |            | winding密绕     |
| N2        | 1     | 2 | 2UEW $\Phi$ 0.21mm*2P  | 25TS        | 2TS*9.0mm  | /                     | /   |               |            |               |
| N3        | A     | B | TIW-B $\Phi$ 0.16mm*1P | 32TS        | 2TS*9.0mm  | /                     | /   | 26L*35mm透明    | 26L*35mm黑色 |               |
|           |       |   |                        |             |            |                       |     |               |            |               |
|           |       |   |                        |             |            |                       |     |               |            |               |

备注note :

电气性能 /ELECTRICAL PROPERTIES (at 25℃) :

| 半测电感 at 10KHZ 0.3V<br>Half Measured Inductance at 10KHZ 0.3V                     |               |          |                | 耐压测试<br>Pressure resistance<br>test | 绝缘电阻测试at DC500V<br>Insulation resistance testat DC500V | 圈数测试at 20KHZ 1V<br>Lap Testat 20KHZ 1V | DCR测试25℃<br>DCR test 25° C |
|----------------------------------------------------------------------------------|---------------|----------|----------------|-------------------------------------|--------------------------------------------------------|----------------------------------------|----------------------------|
| foot position                                                                    | minimum value | midpoint | maximum values |                                     |                                                        |                                        |                            |
| 3-6                                                                              | 1.062mH       | 1.1mH    | 1.138mH        | P-S:1.0KV<br>AC, 50Hz, 5mA, 3S      | P-S:100MΩ MIN                                          | 3-6:104.5TS                            | /                          |
| 漏感测试 at 10KHZ 0.3V 短路其它脚Leakage Inductance Test at 10KHZ 0.3V Shorted Other Pins |               |          |                | P-C:0.5KV<br>AC, 50Hz, 5mA, 3S      | P-C:100MΩ MIN                                          | 1-2:25±0.5TS                           |                            |
| 3-6                                                                              |               | uH MAX   |                | C-S:0.5KV<br>AC, 50Hz, 5mA, 3S      | S-C:100MΩ MIN                                          | A-B:32±0.5TS                           |                            |
| 成测电感 at 10KHZ 0.3V<br>Measured Inductance at 10KHZ 0.3V                          |               |          |                |                                     |                                                        |                                        |                            |
| foot position                                                                    | minimum value | midpoint | maximum values | 电弧侦测<br>arc detection               | PIN短路测试<br>PIN short circuit test                      |                                        |                            |
| 3-6                                                                              | 1.05mH        | 1.1mH    | 1.15mH         |                                     | PIN2-3                                                 |                                        |                            |

材料表 /MATERIAL LIST:

| NO.        | 名称 ITEM     | 型号 TYPE            | UL RATING   | 制造商 SUPPLERS                               | UL NO.      |
|------------|-------------|--------------------|-------------|--------------------------------------------|-------------|
| 1          | CORE        | EE1610 PC95<br>或同等 | /           | HAINING WANLI ELECTRONICS CO.,LTD          | N/A         |
| 2          | BOBBIN      | PHENOLIC T375HF    | 94V0 150℃   | CHANG CHUN PLASTICS CO LTD                 | E59481      |
| 3          | WIRE        | 2UEW 94V-0         | QA-155℃     | WU HU COPPER CORWN ELECTRICIAN LTD         | E326270     |
| 4          | TAPE        | JY312Y             | 130℃        | SUZHOU MAILADUONA ELECTRIC MATERIAL CO LTD | E188295     |
| 5          | TIN         | 无铅107H             | 420℃        | THOUSAND ISLAND METAL FOIL Co.,LTD.        | N/A         |
| 6          | VARNISH     | 1032CJJ            | 155℃        | QUALIPOLY CHEMICAL CORP                    | E213437     |
| 7          | TRIPLE WIRE | TIW-B              | 130℃        | SHENZHEN HEDONG NEW MATERIAL CO LTD        | VDE40038661 |
| 制表 MADE    |             | 审核 CHECKED         | 批准 APPROVED |                                            |             |
| ZhaoYinyin |             | RaoPing            | ZhongCuilan |                                            |             |

## 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.