



产品承认书 SPECIFICATION FOR APPROVAL

客户名称:

CUSTOMER

我司料号:

OUR PART NO.

XRCD75-150K/431K

我司品名:

OUR PART NAME

SMD THREE PIN POWER INDUCTOR

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:

XRCD75 15uH:430uH 0.16 wire

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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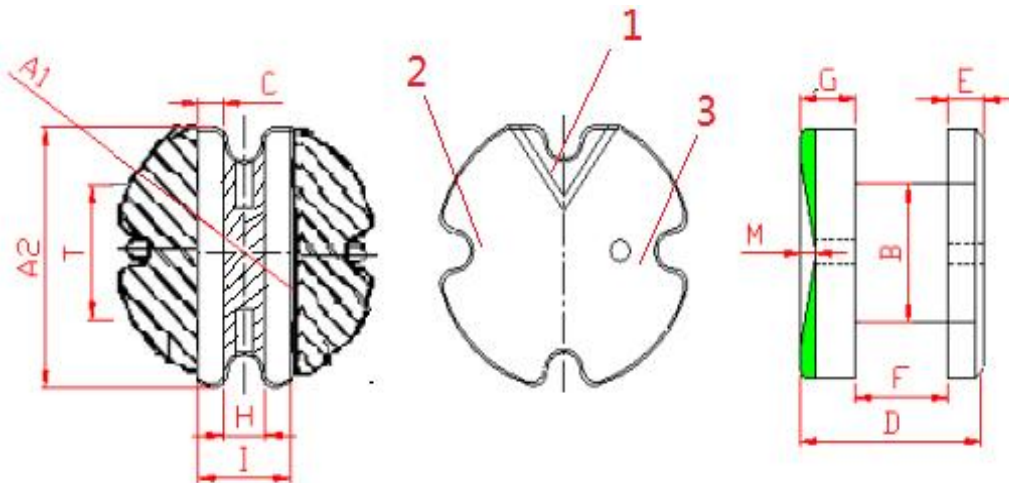
产品承认书

SPECIFICATION FOR APPROVAL

| | | | |
|------------------------|------------------|-----------------------|------------------------------|
| 客户名称 CUSTOMER | | 日期 DATE | 2025/04/20 |
| 客户物料编号 CUSTOMER P/N | | 客户规格型号 DESCRIPTION | XRCD75 15uH:430uH 0.16 wire |
| 我司物料编号 OUR PART NO | XRCD75-150K/431K | 我司品名 OUR PART NAME | SMD THREE PIN POWER INDUCTOR |

外观尺寸 Appearance of size

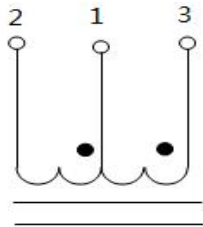
单位 Unit: mm


 底部锡面图
 (阴影区为锡面区)

正面俯视图

剖面图

| | | | | | | |
|-----------|-----------|-----------|----------|-----------|-----------|-----------|
| A1 | A2 | B | D | E | F | G |
| 8.00±0.15 | 7.06±0.15 | 3.00±0.15 | 5.20±0.2 | 1.00±0.15 | 2.60±0.15 | 1.60±0.15 |
| C | H | T | I | M | | |
| 1.04±0.10 | 1.04±0.10 | 3.52±0.10 | 3.30±0.1 | 0.33±0.10 | | |

电气原理图 Electrical schematics:


注: 1. 2. 3为绕线脚位, 1为公共脚位居中, 1-2脚位感量为15uH, 1-3脚位感量为430uH;

Note: 1. 2. 3 is the winding foot position, 1 is the common foot position in the center, 1-2 foot position sense for 15uH, 1-3 foot position sense for 430uH.

绕线结构表 Winding Structure Diagram :

| 绕组 WINDING | 起始 S | 结束 F | 漆包线 WIRE | 圈数 TURNS | | 绕制方式 WINDINGWAY |
|---------------|---------|---------|--------------|-------------|-----------|--------------------|
| | | | | | | |
| N1 | 1 | 3 | 2UEW Φ0.16mm | 108.5TS | reference | |
| N2 | 1 | 2 | 2UEW Φ0.16mm | 18.5TS | reference | |

备注: 1. 中间长条焊锡面为公共脚;

1. The middle long soldering surface is the common leg;



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Electrical characteristics 电气特性:

| 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L1 | 1-2: 15uH ±10% | at 25°C 1KHz/0.25V | CH1068+1310 |
| 饱和电流IDC | 1-2: 2.6A(≥90%) | at 25°C 1KHz/0.25V | 502BC |
| 直流电阻DCR | 1-2: 0.2ΩMax | at 25°C 1KHz/0.25V | 502BC |
| 电感量L2 | 1-3: 430uH ±10% | at 25°C 1KHz/0.25V | CH1068+1310 |
| 饱和电流IDC | 1-3: 0.5A(≥90%) | at 25°C 1KHz/0.25V | 502BC |
| 直流电阻DCR | 1-3: 1.6ΩMax | at 25°C 1KHz/0.25V | 502BC |

材料说明Description of materials:

| 序号NO | 项目 sportsevent | 材料规格型号 Material specifications | 生产厂家 manufacturer (of a product) | 备注note |
|------|---------------------|-----------------------------------|--|-----------------------|
| 1 | 磁芯 magnetic core | CD75 | XR CO., LTD 或等同厂家 | |
| 2 | 导线 guidewire | 2UEW 180°C | DONG YANG CO., LTD SHANGHAI ASLA PACIFIC ELECTRIC CO LTD 或等同厂家 | E102761(S) E214423 |

说明performances:

| 项目 sports event | 性能 performances | 试验方法 |
|---|--|--|
| 绝缘电阻electrical insulationresistance | 100MΩ 以上 | 在磁芯与绕组间施加100V直流电压持续5分钟后 After applying 100V DC voltage between the core and winding for 5 minutes |
| 使用温度 operating temperature | 包括产品自身发热温度 Including the product's own heating temperature | (-40°C~100°C) |
| 存储温度特性Storage Temperature Characteristics | 产品外观无异常特性规格范围内Appearance of the product is not abnormal Characteristics within the range of specifications | (-40°C~100°C) |
| 耐湿特性 Moisture resistance | 产品外观无异常特性规格范围内Appearance of the product is not abnormal Characteristics within the range of specifications | 1. Temperature : 40±2°C; 2. Humidity : 90%~95%; 3. Time: 96±2小时 |

推荐焊接温度曲线图

Recommended Welding Temperature Graph:

