



产品承认书 SPECIFICATION FOR APPROVAL

客户名称:

CUSTOMER

我司料号:

OUR PART NO.

XRCD109-102K/803K

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 | RaoPin | 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:

CD109 1mH:80mH $\pm 10\%$ 0.45A:0.05A

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 acknowledgement, please put forward or mark it and send it to our company. This acknowledgement will take effect one week after it is provided if you do not receive an objection reply.

东莞市祥如电子有限公司

Dongguan xiangru electronics co., ltd

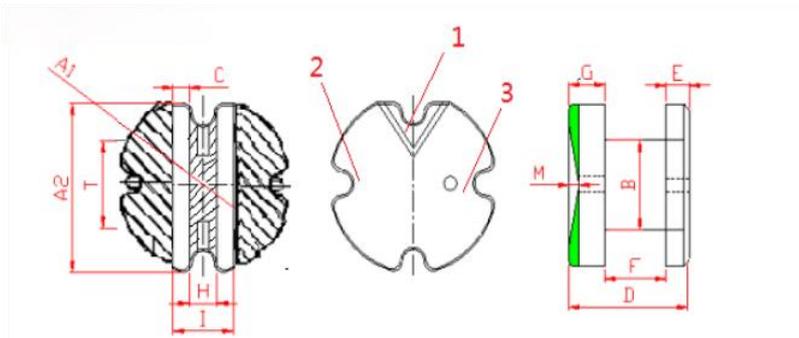
Tel: 0769-86346548 Fax: 0769-86346358

Email: dgxiangru@126.com

产品承认书

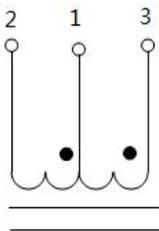
SPECIFICATION FOR APPROVAL

| | | | |
|------------------------|-------------------|-----------------------|---------------------------------|
| 客户名称 CUSTOMER | | 日期 DATE | 2025/9/10 |
| 客户物料编号 CUSTOMER P/N | | 客户规格型号 DESCRIPTION | CD109 1mH:80mH ±10% 0.45A:0.05A |
| 我司物料编号 OUR PART NO | XRCD109-102K/803K | 我司品名 OUR PART NAME | SMD THREE PIN POWER INDUCTOR |

1. 外形尺寸(mm):


底部锡面图 正面俯视图 剖面图
(阴影区为锡面区)

| | | | | | | | |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| A1 | A2 | B | D | E | F | G | C |
| 10.0±0.15 | 8.8±0.15 | 4.00±0.15 | 9.00±0.2 | 1.57±0.15 | 5.00±0.15 | 2.10±0.15 | 1.30±0.10 |
| H | T | I | M | | | | |
| 1.50±0.10 | 3.52±0.10 | 4.50±0.1 | 1.33±0.10 | | | | |

2. 电气原理图 Electrical Schematic:


注:1,2,3为绕线脚位,1为公共脚位居中,1-2脚位感量为1MH,1-3脚位感量为80MH。

Note: Pins 1, 2, and 3 are the winding terminals; pin 1 is the common terminal and is centered; the inductance between pins 1 and 2 is 1 mH, and the inductance between pins 1 and 3 is 80 mH.

3. 电气特性 Electrical Characteristics:

| 序号NO. | 项目Project | 测试端子Test terminals | 技术要求Technical Requirements | 备注Notes |
|-------------------------------------|---------------------------|--------------------|--|---|
| 1 | 绕线脚位 Wire-winding pins | 1-3 | 0.07线*1420.5TS RDC:132ΩMax IDC:0.05A(≥90%) | 1.中间长条焊锡面为公共脚 The center strip with solder on one side serves as the common pin. |
| 2 | 绕线脚位 Wire-winding pins | 1-2 | 0.07线*152.5TS RDC:10ΩMax IDC:0.45A(≥90%) | |
| 3 | 电感值L | 1-2, 1-3 | 1MH, 80MH | CH1068+1310(1KHz,0.25V,) |
| ※ 测试条件: 测试频率1KHz / 0.25V, (K=±10%); | | | ※ 测试仪表: 502BC、CH1068+1310。 | |

4. 材料说明 Material Specifications:

| 序号NO. | 项目Project | 材料规格型号 Material Specifications and Models | 生产厂家 Manufacturer | 备注Notes |
|-------|---------------------|--|---|-----------------------|
| 1 | 磁芯 magnetic core | CD109 | XCJ CO.,LTD或等同厂家 | |
| 2 | 导线wire | 2UEW 180℃ | DONG YANG CO., LTD SHANGHAI ASLA PACIFIC ELECTRIC CO LTD 或等同厂家 | E102761(S) E214423 |

产品承认书

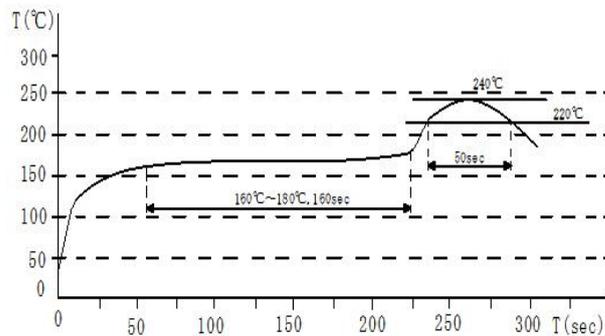
SPECIFICATION FOR APPROVAL

| | | | |
|------------------------|-------------------|-----------------------|---------------------------------|
| 客户名称 CUSTOMER | | 日期 DATE | 2025/9/10 |
| 客户物料编号 CUSTOMER P/N | | 客户规格型号 DESCRIPTION | CD109 1mH:80mH ±10% 0.45A:0.05A |
| 我司物料编号 OUR PART NO | XRCD109-102K/803K | 我司品名 OUR PART NAME | SMD THREE PIN POWER INDUCTOR |

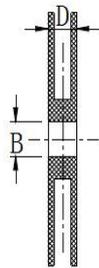
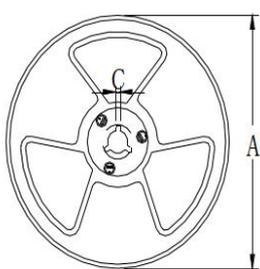
5.说明 Note:

| 项目Project | 性能Performance | 试验方法Test Method |
|---|--|--|
| 绝缘电阻 Insulation resistance | 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 a 100-volt DC voltage between the core and the 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 operating temperature | -40℃~100℃ |
| 储存温度特性 Storage Temperature Characteristics | 产品外观无异常特性规格范围内 The product's appearance is normal and within the specified range. | -40℃~100℃ |
| 耐湿特性 Moisture resistance | 产品外观无异常特性规格范围内 The product's appearance is normal and within the specified range. | 1.温度: 40±2℃; 2.湿度: 90%~95%; 3.时间: 96±2小时 |
| | | |

6.推荐焊接温度曲线图 Recommended Welding Temperature Profile:



7.包装说明: (500/盘)



| | | |
|------|-----------|-----------|
| 规格尺寸 | 13" | 7" |
| A | Φ 330±2.0 | Φ 178±2.0 |
| B | Φ 90±2.0 | |
| C | 2.3 | |
| D | 30.8 | |

