





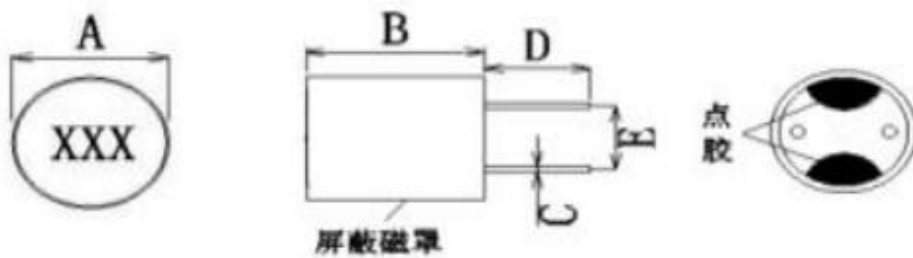
# 产品承认书

## SPECIFICATION FOR APPROVAL

|                        |                |                       |   |
|------------------------|----------------|-----------------------|---|
| 客户名称<br>CUSTOMER       |                | 日期<br>DATE            | 2024-06-26                                    |
| 客户物料编号<br>CUSTOMER P/N |                | 客户规格型号<br>DESCRIPTION | P0808-1mH±10%% foot length 5±1mm printing 102 |
| 我司物料编号<br>OUR PART NO  | XRPB8*8-102K-S | 我司品名<br>OUR PART NAME | Shielded I-inductance                         |

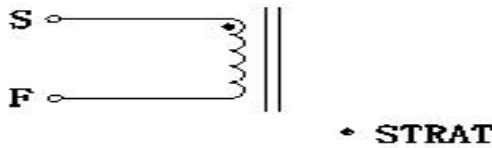
### 外观尺寸 Appearance of size

单位 Unit: mm



| A       | B       | C        | D       | E       | F | G |
|---------|---------|----------|---------|---------|---|---|
| 8.8 max | 8.8 max | 0.6±0.05 | 5.0±1.0 | 5.0±0.5 | / | / |

### 原理图 Schematic Diagram



### 绕线结构表 Winding Structure Diagram

| 绕组<br>WINDING | 起始<br>S | 结束<br>F | 漆包线<br>WIRE    | 圈数<br>TURNS | 绕制方式<br>WINDINGWAY |                             |  |
|---------------|---------|---------|----------------|-------------|--------------------|-----------------------------|--|
| N1            | S       | F       | 2UEW-0.15mm*1p | 165.5TS     | 参考refer            | 平整密绕Smooth and densewinding |  |
|               |         |         |                |             |                    |                             |  |

### 注意事项 Matters needing attention:

- 1、起线、收线入磁芯槽口。Take-up and take-up into the notch of magnetic core.
- 2、套管包住磁芯顶部，底部平齐磁芯。The sleeve covers the top of the magnetic core and the bottom is flush with the magnetic core.
- 3、电感屏蔽罩内底部和针脚端点胶与屏蔽罩固定。Glue at the inner bottom and pin end points of the inductor shielding cover is fixed with the shielding cover.
- 4、顶部印字：102。Top printing:102



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电性参数 Electrical parameters

| 测试项目<br>TEST PROJECT | 电性范围<br>SPEC       | 测试条件<br>TEST FREQ  | 测试仪器<br>TEST STRUMENTS |
|----------------------|--------------------|--------------------|------------------------|
| 电感量L                 | 1.0mH±10%          | at 25°C 1KHz/1V    | TH2829A                |
| 直流电阻DCR              | 3.5Ω MAX           | at 25°C 1KHz/0.25V | TH2829A                |
| 饱和电流Isat             | $L \geq L0 * 90\%$ | 25°C 1KHZ 0.25V    | TH1772B                |
| Q值                   | 30 Min             | 252KHZ             | HM9481                 |
|                      |                    |                    |                        |

物料清单 BOM

| 物料MATERIAL | 规格型号<br>specifications and | 制造厂商 MANUFACTURERS | UL证书号 UL FILE NO |
|------------|----------------------------|--------------------|------------------|
| 磁芯CORE     | R4N                        | HUICI              |                  |
| 胶壳CASE     | TSL0808 蓝色                 | HUANGXIANG         |                  |
| 线材WIRE     | 2UEW-F/155                 | CHENGWEI           | E227475          |
| 胶水EPOXY    | DZ-6                       | JINGDINGSHENG      |                  |
| 锡TIN       | Sn:99.3%/Cu:0.7<br>%       | SONGBEN            |                  |

测试室温/湿度: 室温: 25°C(REF) 相对湿度: 80%(REF)  
TEST CONDITION:TEMP:25°C(REF) R.H.: 80%(REF)

| NO | 项目project               | 技术要求technical requirement                                | 结论 |
|----|-------------------------|--|----|
| 1  | 外观和尺寸<br>Appearance and | 符合产品规范和公差要求<br>Meet product specifications and tolerance | OK |
| 2  |                         |  |    |

| 制表 MADE      | 审核 CHECKED | 批准 APPROVED |
|--------------|------------|-------------|
| HuangHexiang | RaoPing    | ZhongCuilan |