

**SOREDE**

索 瑞 达 电 子

# 深圳市索瑞达电子有限公司

## 承 认 书

### SPECIFICATION FOR APPROVAL

客户名称:

Customer Name : 立创

客户料号:

Customer P/N: \_\_\_\_\_

产品名称:

Product Name: 共模电感

索瑞达料号:

Sorede P/N: SCM.1305.MW502UB01

| 制造厂商<br>Manufacturer |              |
|----------------------|--------------|
| 拟制<br>Draft          | 唐杨英          |
| 审核<br>Check          | 符妃团<br>工程专用章 |
| 日期<br>Date           | 2022-04-28   |

| 客户承认印章<br>Approval Signet |  |
|---------------------------|--|
|                           |  |
| 日期 Date                   |  |

地址:深圳市观澜镇福城街道新塘村8号源创园陆号A6栋3楼.

Address:3Rd Floor, Building A6, Yuanchuangyuanlu, No. 8 Xintang Village,  
Fucheng Street, Guanlan Town, Shenzhen.

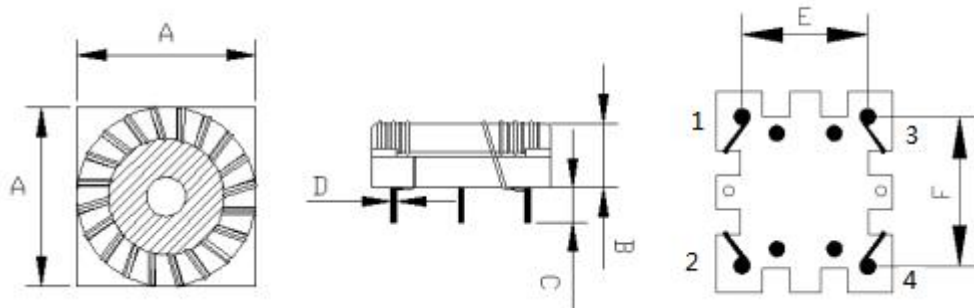
电话 Tel: 0755-29803356 传真 Fax: 0755-29803506

电子邮件 E-mail: sorde@vip.163.com

网址 http:// [www.szsorede.com](http://www.szsorede.com)

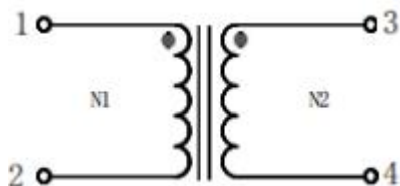


1、外形尺寸 Dimension (单位Unit: mm) :



| A       | B       | C       | D       | E      | F       |
|---------|---------|---------|---------|--------|---------|
| 15.5MAX | 12.5MAX | 3.5±1.0 | 0.8±0.1 | 7.5Ref | 10.0Ref |

2、电原理图及绕组结构 Circuit diagram & Winding construct



原理图

| 序号<br>No. | 绕组<br>Winding | 端子<br>Terminal | 线材<br>Wire                | 圈数<br>Turns     | 胶带<br>TAPE(mm) | 备注<br>Remark  |
|-----------|---------------|----------------|---------------------------|-----------------|----------------|---------------|
| 1         | N1            | 1-2            | 2UEW/φ0.50mm*1P<br>/黄线    | 25.5Ts<br>(REF) | /              | 绕线方式:<br>双线并绕 |
| 2         | N2            | 3-4            | 2UEW / φ0.50mm *1P<br>/红线 | 25.5Ts<br>(REF) |                |               |

|                     |              |                       |   |            |       |
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### 3、电性能Electrical Characteristics

| 序号<br>No. | 项目<br>Item                    | 测试端子<br>Test Terminal | 规格<br>Specification   | 测试条件<br>Test Condition  | 测试仪表<br>Test Meter |
|-----------|-------------------------------|-----------------------|-----------------------|-------------------------|--------------------|
| 1         | 电感量<br>Inductance             | N1 :1-2               | 5.0mH Min             | 1KHz, 0.25V<br>@25℃     | 6630或同等            |
|           |                               | N2 :3-4               | 5.0mH Min             |                         |                    |
| 2         | 直流电阻<br>D.C.Resistance        | N1 :1-2               | 42mΩ±30%              | @25℃                    | HM2541或同等          |
|           |                               | N2 :3-4               | 42mΩ±30%              |                         |                    |
| 3         | 耐压<br>HI-Pot Test             | Coil-Coil             | 无异常<br>No abnormality | AC500V @50Hz<br>5mA, 3s | TL5502A或同等         |
|           |                               | Coil-Core             |                       |                         |                    |
| 4         | 绝缘电阻<br>Insulation Resistance | Coil-Core             | 100MΩ Min             | @DC500V                 | CH7012或同等          |

### 4、材料清单Material List

| 序号<br>No. | 材料<br>material | 规格<br>Specification               | UL NO.  | 耐热性flame | 供应商<br>Supplier |
|-----------|----------------|-----------------------------------|---------|----------|-----------------|
| 1         | 磁芯<br>CORE     | T1305 (12.7*7.9*5)<br>(绿环锰锌/15K材) | NA      | NA       | 宇星或同等           |
| 2         | 线材<br>Wire     | 2UEW-Φ0.50mm                      | E504985 | 155℃     | 鹏成或同等           |
| 3         | 焊料<br>Solder   | Sn99.3-Cu0.7                      | NA      | NA       | 千岛              |
| 4         | 底座<br>Base     | JY-B033                           | NA      | NA       | 玖耀              |

\*NA: Not Applicable.

### 5、工作和存储条件: Operating and Storage Conditions

工作温度Operating temperature rang: -25℃ to +105℃ (Including Self-heating)

存储温度Storage temperature rang: -25℃ to +85℃

相对湿度relative humidity: 30%~85%RH

|                     |              |                       |   |            |       |
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## 6、注意事项 Note

①本承认书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，请保证贵司的产品已根据贵司的规范进行了有效评估和确认。

This product specification guarantees the quality of our product as a single unit. Please make sure that your product is evaluated and confirmed against your specifications when our product is mounted to your product.

②如果贵司对我司产品的使用已超过了本承认书所界定的产品功能，那么对于由此引发的失效，我司将不予保证。

We cannot warrant against failure caused by any use of our product that deviates from the intended use as described in this product specification.

③为了保持终端电极的焊接性，并使包装材料保持良好状态，必须控制储存区的温度和湿度。  
To maintain the weldability of terminal electrodes and to keep the packing material in good condition, temperature and humidity in the storage area should be controlled.

※建议的条件：-10 ~ +40℃，10~90%RH.

Recommended conditions: -10 ~ +40℃，10~90%RH.

※储存超过六个月的，应在实际使用前进行焊接检验。

In case of storage over 6 months, solderability shall be checked before actual usage.

※即使在理想的储存条件下，产品的可焊性也随着时间的推移而降低。因此，产品应从交货时算起，建议8个月之内使用完。

Even under ideal storage conditions, the solderability of the product decreases over time.

therefore, the product should be From the time of delivery, it is recommended that it be used within 8 months.

④本承认书在客户收到30天之内，必须签章返回，逾期视为默认。

The Specification Approval should be sent back to the supplier with customer's chop on it within 30 days after receiving it, or we will take it as approved by customer's automatically.

⑤如有特殊规格要求，请事前联络我司技术部人员。

In case of special specifications please contact our technical department prior staff.