



# 产品承认书

## SPECIFICATION FOR APPROVAL

客户名称:  
CUSTOMER

我司料号:  
OUR PART NO.

XRSQ3524-15mH-V-1017

我司品名:  
OUR PART NAME

SQ flat wire 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 |
|-------------|------------|-------------|
| Hu Fangting | 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:

SQ3524-15mH Vertical with 10\*17 pin pitch  
0.5\*2.5mm

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.

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

CUSTOMER \_\_\_\_\_

CUSTOMER'S PART NO \_\_\_\_\_

VER \_\_\_\_\_ A

DESCRIPTION SQ3524-15mH Vertical with 10\*17 pin pitch  
0.5\*2.5mm

OUR DRAWING NO XRSQ3524-15mH-V-1017

A REVISION HISTORY

| DATE OF   | REVISED PROJECT | EDITION | NOTE |
|-----------|-----------------|---------|------|
| 2025/9/10 | NEEW VERSION    | A       |      |
|           |                 |         |      |
|           |                 |         |      |
|           |                 |         |      |
|           |                 |         |      |

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| PPROVED BY    | CHECKED BY | PREPARED BY | UNIT    | mm        |
|---------------|------------|-------------|---------|-----------|
| Li Zhengxiong | TangWen    | Hu Fangting | DATE    | 2025/9/10 |
|               |            |             | REV NO. | A         |

# 产品承认书

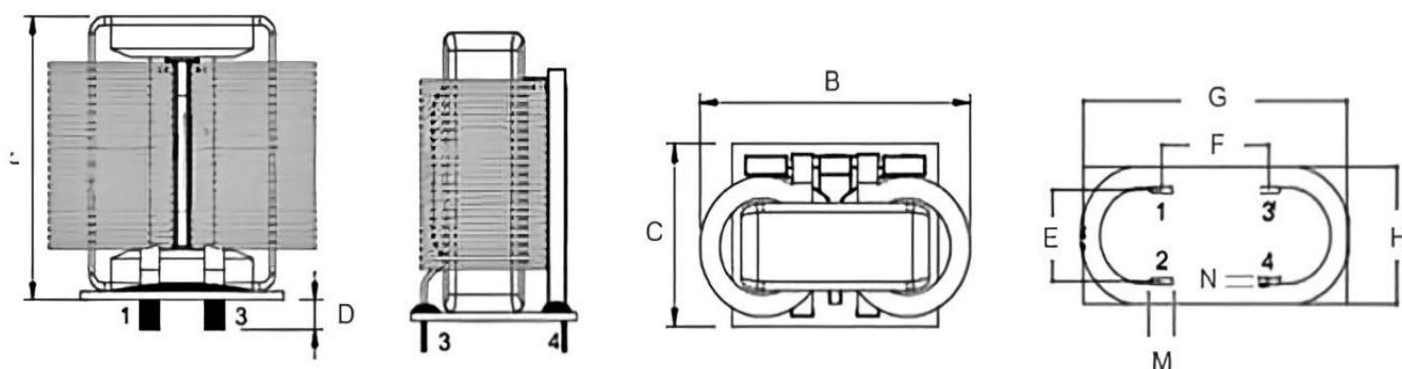
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### 1. APPEARANCE & DIMENSION (UNIT: mm):



| A       | B       | C       | D       | E        | F        | G        | H        | M       | N       |
|---------|---------|---------|---------|----------|----------|----------|----------|---------|---------|
| 35.0MAX | 36.0MAX | 22.0MAX | 3.5±0.5 | 17.0±0.5 | 10.0±0.5 | 33.5±0.5 | 16.5±0.5 | 2.7±0.1 | 1.7±0.1 |

#### NOTE:

- 产品共模绕制。  
Product common mode winding
- 产品需含浸凡立水固定。  
The product needs to be impregnated with varnish for fixing
- 焊点不可高于底座支点。  
The solder joints must not be higher than the base support points.

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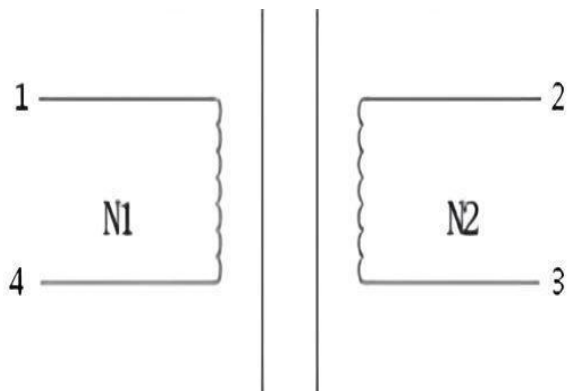
CUSTOMER'S PART NO \_\_\_\_\_

VER \_\_\_\_\_ A

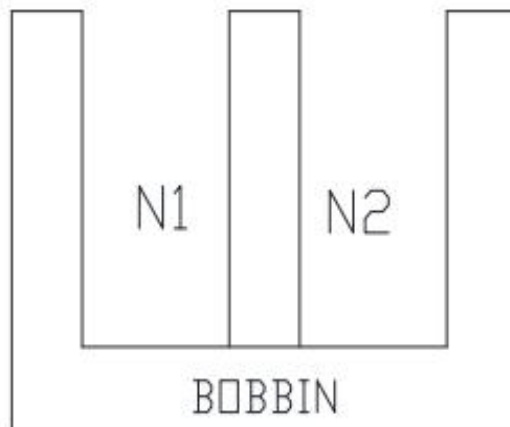
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OUR DRAWING NO XRSQ3524-15mH-V-1017

2. SCHEMATIC:



3. WINDING SEQUENCE:



4.WINDING TABLE

| ORDER | WIRE SIZE               | START | END | TURNS      | LAYER | INSULATION |  |
|-------|-------------------------|-------|-----|------------|-------|------------|--|
| N1    | 0.5*2.5mm UEWH FlstWire | 1     | 2   | 29TS (REF) | CLOSE |            |  |
| N2    | 0.5*2.5mm UEWH FlstWire | 4     | 3   | 29TS (REF) | CLOSE |            |  |
|       |                         |       |     |            |       |            |  |
|       |                         |       |     |            |       |            |  |
|       |                         |       |     |            |       |            |  |
|       |                         |       |     |            |       |            |  |
|       |                         |       |     |            |       |            |  |

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5.ELECTRICAL CHARACTERISTICS:

|                  |                                        |                                                                                                                            |                          |
|------------------|----------------------------------------|----------------------------------------------------------------------------------------------------------------------------|--------------------------|
| TEST CONDITION:  |                                        | TEMPERATURE AT: 25°C±5°C<br>WORKING TEMPERATURE: -25°C/+125°C<br>STORAGE TEMPERATURE: -25°C/+40°C<br>HUMIDITY: AT45-80% RH |                          |
| TEST INSTRUMENT  | CHENHWA/1062                           | CHENHWA/1062                                                                                                               | CHENHWA/502A             |
| ITEM<br>TERMINAL | INDUCTANCE<br>1KHz,0.25Vrms 25°        | DIFFERENCE<br>INDUCTANCE<br>1KHz,0.25V                                                                                     | DC.RESISTANCE<br>AT 25°C |
| 1-2              | 15mH MIN                               | 0.3mH Max                                                                                                                  | 20mΩMAX                  |
| 4-3              | 15mH MIN                               | 0.3mH Max                                                                                                                  | 20mΩMAX                  |
|                  |                                        |                                                                                                                            |                          |
|                  |                                        |                                                                                                                            |                          |
|                  |                                        |                                                                                                                            |                          |
|                  |                                        |                                                                                                                            |                          |
| TEST INSTRUMENT  | E-SUN 19053                            | E-SUN/19053                                                                                                                |                          |
| ITEM<br>TERMINAL | HI-POT TEST<br>AC50/60Hz, 5mA,<br>3sec | INSULATION<br>RESISTANCE.DC 500V                                                                                           |                          |
| COIL-COIL        | 1500V                                  | 100M Ω MIN                                                                                                                 |                          |
| COIL-CORE        | 1000V                                  | 100M Ω MIN                                                                                                                 |                          |
| Idc              |                                        | 10A                                                                                                                        |                          |

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|               |            |             |         |           |
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## 注意事项 Matters needing attention

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NO 1017

### 6.MATERIAL LIST:

| N0 | ITEM     | MATERIAL                | CLASS | UL NO   | MANUFACTURER                                    | OPT. |
|----|----------|-------------------------|-------|---------|-------------------------------------------------|------|
| 1  | CORE     | SQ3524 12K              |       |         | ACMEElectronics(Guangzhou)Co;Ltd                | √    |
|    |          | SQ3524 12K              |       |         | SHANGDONG hengrui magnet technology CO.,LTD     | √    |
|    |          | SQ3524 12K              |       |         | DongGuan City JiuXin Magnetic Material Co.,Ltd  | √    |
|    |          | SQ3524 12K              |       |         | TengZhou MingJi Magnetism Industry Co., Ltd     | √    |
| 2  | BOBBIN   | T375HF                  | 150℃  | E59481  | CHANG CHUN PLASTICS CO LTD                      | √    |
| 3  | WIRE     | @* FIWx180              | 180℃  | E234867 | SUNTEK HOLDINGS LIMITED                         | √    |
|    |          | @* UEW180               | 180℃  | E504985 | Guangdong Liziwire Electric Technology Co Ltd   | √    |
| 4  | VARNIS H | E962                    | 130℃  | E335405 | ZHUHAI CHANGXIAN NEW MATERIALSTECHNOLOGY CO LTD | √    |
| 5  | tin      | wuxi conditions /Sn99.9 |       |         | Dongguan City Thousand Island METAL FoilCO LTD  | √    |
|    |          |                         |       |         |                                                 |      |
|    |          |                         |       |         |                                                 |      |
|    |          |                         |       |         |                                                 |      |
|    |          |                         |       |         |                                                 |      |

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7.THE INSPECTION REPORT

| ITEM                            | TEXT SPEC.              | 1    | 2     | 3    | 4    | 5    |
|---------------------------------|-------------------------|------|-------|------|------|------|
| L 值(1-2)                        | 15mH MIN 1KHZ 0.25V 25° | 19.4 | 20.05 | 18.9 | 20.4 | 17.6 |
| L 值(4-3)                        | 15mH MIN 1KHZ 0.25V 25° | 19.4 | 20.05 | 18.9 | 20.4 | 17.6 |
|                                 |                         |      |       |      |      |      |
|                                 |                         |      |       |      |      |      |
|                                 |                         |      |       |      |      |      |
|                                 |                         |      |       |      |      |      |
| DCR 值(1-2)                      | 20mΩMAX AT 25℃          | OK   | OK    | OK   | OK   | OK   |
| DCR 值(4-3)                      | 20mΩMAX AT 25℃          | OK   | OK    | OK   | OK   | OK   |
|                                 |                         |      |       |      |      |      |
|                                 |                         |      |       |      |      |      |
|                                 |                         |      |       |      |      |      |
|                                 |                         |      |       |      |      |      |
|                                 |                         |      |       |      |      |      |
| HI-POT<br>AC50/60Hz<br>5mA 3sec |                         |      |       |      |      |      |
|                                 | COIL-COIL:1500V         | OK   | OK    | OK   | OK   | OK   |
|                                 | COLI-CORE:1000V         | OK   | OK    | OK   | OK   | OK   |

TEST EQUIPMENT

INDUCTANCE

DC.R

CH-3250: ( )

HI-POT

CH-1062: (√)

E-SUN-19053 (√) CH-502BC (√)

CH-101: ( )

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