



# 产品承认书

## SPECIFICATION FOR APPROVAL

客户名称:  
CUSTOMER

我司料号:  
OUR PART NO.

XRSQ1918-10mH-V-1013

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: XRSQ1918-10mH Vertical 10\*13 Pin Pitch

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

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产品承认书

SPECIFICATION FOR APPROVAL

CUSTOMER

CUSTOMER'S PART NO

VER

A

DESCRIPTION

XRSQ1918-10mH Vertical 10\*13 Pin Pitch

OUR DRAWING NO

XRSQ1918-10mH-V-1013

A REVISION HISTORY

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

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

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CUSTOMER \_\_\_\_\_

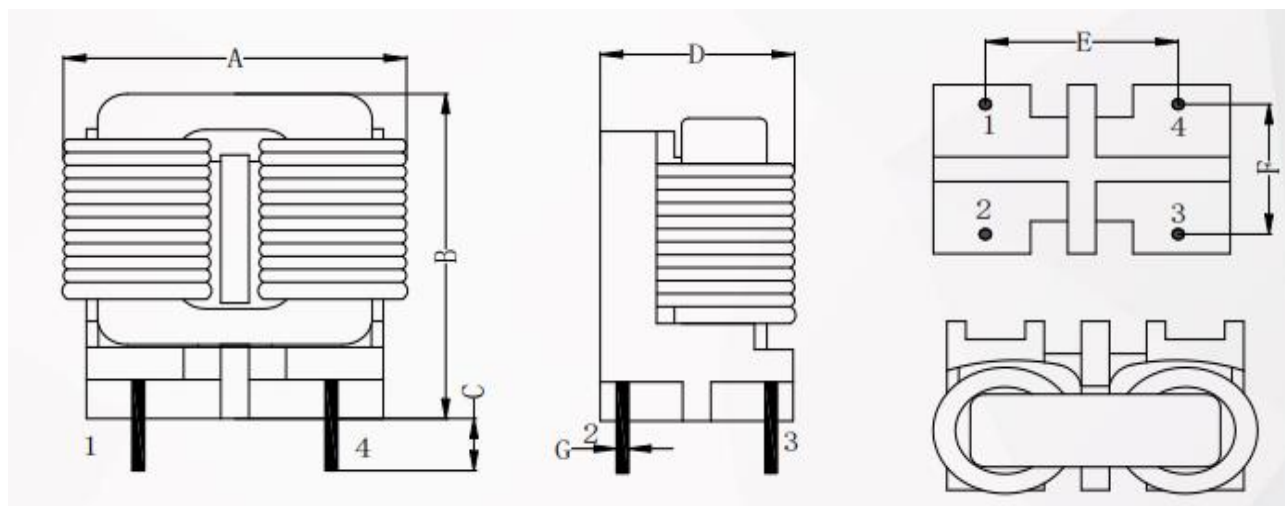
CUSTOMER'S PART NO \_\_\_\_\_

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

DESCRIPTION XRSQ1918-10mH Vertical 10\*13 Pin Pitch

OUR DRAWING NO XRSQ1918-10mH-V-1013

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



| A     | B       | C       | D     | E       | F      | G      |
|-------|---------|---------|-------|---------|--------|--------|
| 24MAX | 26.5MAX | 3.5±0.5 | 15MAX | 0.6±0.1 | 13±0.5 | 10±0.5 |

### NOTE:

1.产品共模绕制。

Product common mode winding

2.产品需含浸凡立水固定。

The product needs to be impregnated with varnish for fixing

3.焊点不可高于底座支点。

The solder joints must not be higher than the base support points.

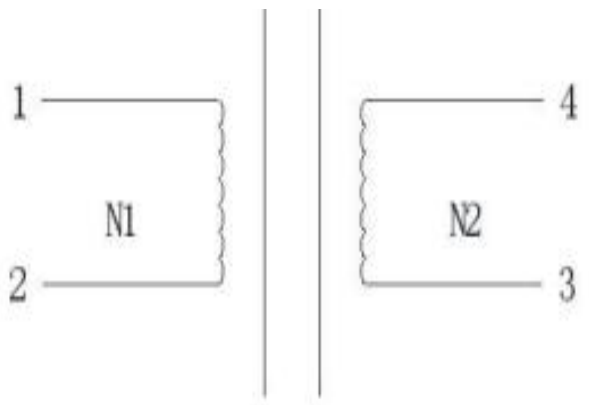
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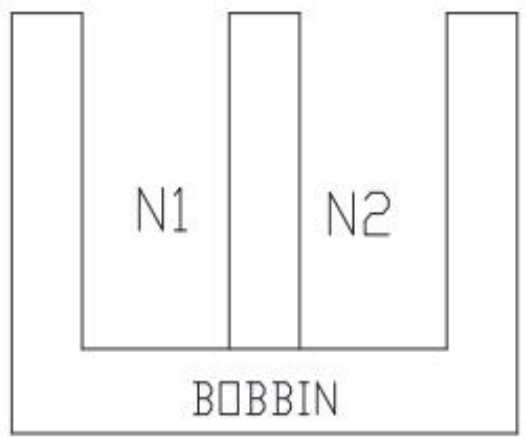
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**CUSTOMER'S PART NO** \_\_\_\_\_ **VER** \_\_\_\_\_ **A**  
**DESCRIPTION** XRSQ1918-10mH Vertical 10\*13 Pin Pitch **OUR DRAWING NO** XRSQ1918-10mH-V-1013

**2. SCHEMATIC:**



**3. WINDING SEQUENCE:**



**4. WINDING TABLE**

| ORDER | WIRE SIZE               | START | END | TURNS      | LAYER | INSULATION |  |
|-------|-------------------------|-------|-----|------------|-------|------------|--|
| N1    | 0.3×1.5mm UEWH FlstWire | 1     | 2   | 35TS (REF) | CLOSE |            |  |
| N2    | 0.3×1.5mm UEWH FlstWire | 3     | 4   | 35TS (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              | 10mH MIN                               | 0.3mH Max                                                                                                                  | 60mΩMAX                  |
| 3-4              | 10mH MIN                               | 0.3mH Max                                                                                                                  | 60mΩMAX                  |
|                  |                                        |                                                                                                                            |                          |
|                  |                                        |                                                                                                                            |                          |
|                  |                                        |                                                                                                                            |                          |
|                  |                                        |                                                                                                                            |                          |
| 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              |                                        | 4.0A                                                                                                                       |                          |

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

CUSTOMER \_\_\_\_\_

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OUR DRAWING  
NO

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1013

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6.MATERIAL LIST:

| N0 | ITEM    | MATERIAL                | CLASS | UL NO   | MANUFACTURER                                    | OPT. |
|----|---------|-------------------------|-------|---------|-------------------------------------------------|------|
| 1  | CORE    | SQ1918 12K              |       |         | ACMEElectronics(Guangzhou)Co;Ltd                | √    |
|    |         | SQ1918 12K              |       |         | SHANGDONG hengrui magnet technology CO.,LTD     | √    |
|    |         | SQ1918 12K              |       |         | DongGuan City JiuXin Magnetic Material Co.,Ltd  | √    |
|    |         | SQ1918 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  | VARNISH | 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)                        | 10mH MIN 1KHZ 0.25V 25° | 11.63 | 12.98 | 13.53 | 14.89 | 15.31 |
| L 值(3-4)                        | 10mH MIN 1KHZ 0.25V 25° | 11.63 | 12.98 | 13.53 | 14.89 | 15.31 |
|                                 |                         |       |       |       |       |       |
|                                 |                         |       |       |       |       |       |
|                                 |                         |       |       |       |       |       |
|                                 |                         |       |       |       |       |       |
| DCR 值(1-2)                      | 60mΩMAX AT 25℃          | OK    | OK    | OK    | OK    | OK    |
| DCR 值(3-4)                      | 60mΩMAX 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: ( )  
CH-1062: (√)  
CH-101: ( )

HI-POT  
E-SUN-19053 (√) CH-502BC (√)

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