

acknowledgement

client:

CUSTOMER:

Shenzhen Fang Xin Technology Co.,Ltd.

Customer Material

Number:

CUSTP/N:

name:

NAMA P/N:

Wireless charger tr ansmitting coil

product model:

DESC:

Hot air wireCW11TS, 0.08\*72, 8.1uH, Q>70,  
outgoing length6mm, magnetic  
plateG42.5\*5.3.8mm+20\*0.8mm, doublegroove,  
adhesive  
backing

\*0

date:

DATE:

2024.08.06

edition:

Version:

A.0

|                        |                                        |                       |                                              |
|------------------------|----------------------------------------|-----------------------|----------------------------------------------|
| fiction<br>PREPARED BY | examine<br>and<br>verify<br>CHECKED BY | ratify<br>APPROVED BY | Customer<br>acknowledges<br>CUSTOMER APPROVE |
| Xie<br>Yanqi           | Duan<br>Jiawang                        | Xie Xiaozai           |                                              |

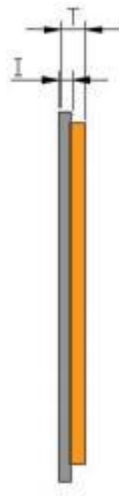
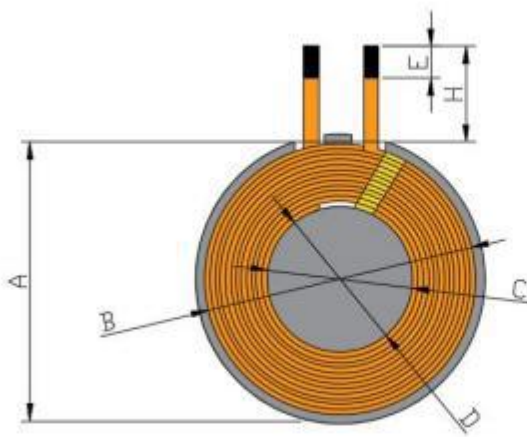
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Shenzhen Shenzhen Electronics Co., LTD  
Shenzhen ShengguangElectronic Technology Co.,LTD

**SPECIFICATION**

|                        |                                                                                                                                                    |                     |                                         |                                        |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|-----------------------------------------|----------------------------------------|
| product model:<br>DESC | Hot air line CW11TS, 0.08*72, 8.1uH,<br>Q> 70, outlet length 6mm, magnetic<br>sheet<br><b>G42.5*5.3*0.8mm+20*0.8mm, Double<br/>slot, back glue</b> | edition<br>Rev: A.0 | client CUST:                            | Listen to<br>science and<br>technology |
|                        |                                                                                                                                                    |                     | Customer material<br>number CUST P / N: |                                        |

1. Dimension DIMENSION: (mm)



|   |                                     |
|---|-------------------------------------|
| A | 42.5±0.5                            |
| B | 39±1                                |
| C | 20.5±0.5                            |
| D | 20±0.3                              |
| E | 2-4                                 |
| H | 6+2                                 |
| I | 0.8±0.1                             |
| T | 2 Max (excluding<br>detached paper) |
|   |                                     |
|   |                                     |
|   |                                     |
|   |                                     |
|   |                                     |
|   |                                     |

pour:

1. Cross-crossing through the outgoing line;
2. Field size 42.5 ± 0.5 mm, thickness 0.8 ± 0.1 mm.
3. Place the 3 mm high-temperature adhesive paper at the folding line position
4. 5 mm (Ref)

2. A Schematic diagram of the SCHEMATIC DIAGRAM:



3. Winding parameter Winding Specification:

| ord<br>er<br>num<br>ber<br>NO. | terminal<br>TERMINAL |   | Line<br>diame<br>ter,<br>WIRE | numb<br>er of<br>turns<br>Turns | direction of<br>winding<br>Winding Direction |
|--------------------------------|----------------------|---|-------------------------------|---------------------------------|----------------------------------------------|
| 1                              | S                    | F | Enameled wire 0.08 * 72P      | 11Ts                            | CW                                           |

4. Electrical characteristics ELECTRICAL CHARACTERISTICS:

Temperature TEMPERATURE: 25 ± 10° C, humidity RELATIVE HUMIDITY: 65 ± 20%

| ord<br>er<br>numb<br>er<br>NO. | proj<br>ect<br>ITEM | terminal<br>TERMINAL | standard<br>SPECIFICATION         | test condition<br>TEST FREQUENCY | measuring and test<br>instruments<br>TEST EQUIPMENTS |
|--------------------------------|---------------------|----------------------|-----------------------------------|----------------------------------|------------------------------------------------------|
| 1                              | IND.                | S-F                  | 4.8 uH ± 10% individual coil      | 100 KHz/1.0V                     | CH1063                                               |
| 2                              | IND.                | S-F                  | 8.1 uH ± 10% with a magnetic chip | 100 KHz/1.0V                     | CH1063                                               |

|                                |     |     |                                 |              |        |
|--------------------------------|-----|-----|---------------------------------|--------------|--------|
| 3                              | DCR | S-F | 70m $\Omega$ MAX                | 100 KHz/1.0V | 502 BC |
| 4                              | Q   | S-F | 70 MIN                          | 100 KHz/1.0V | 502 BC |
|                                |     |     |                                 |              |        |
| File / date PREPARED BY / DATE |     |     | Review / Date CHECKED BY / DATE |              |        |
| 2024-8-6                       |     |     | 2024-8-6                        |              |        |

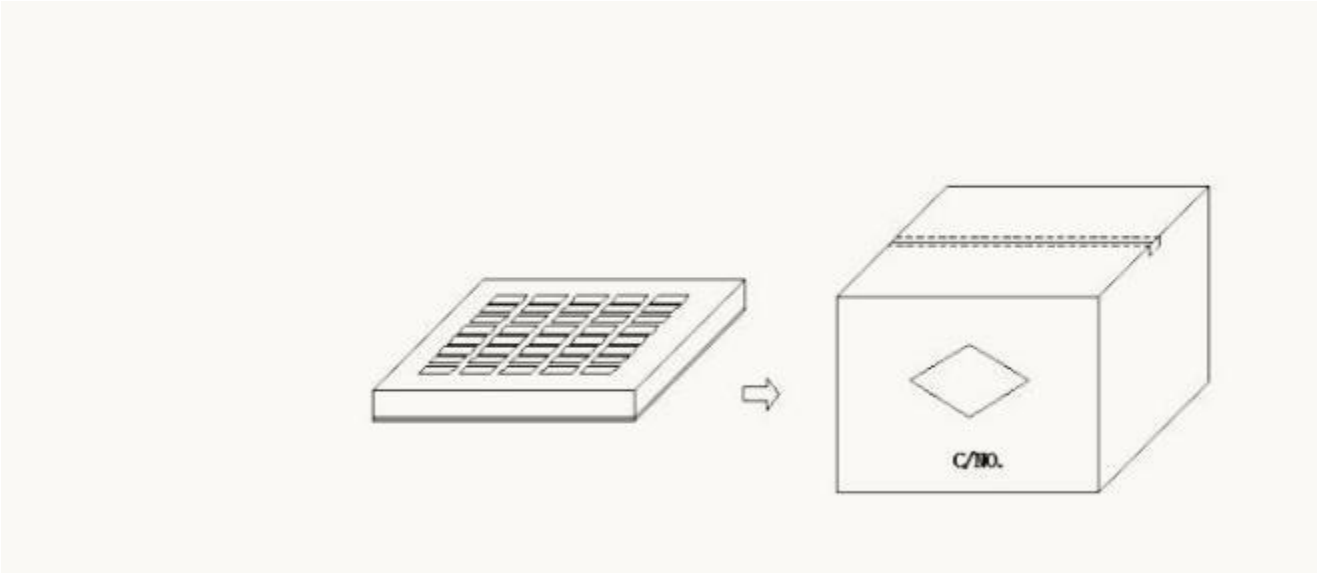
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5. Bill of Materials Material List:

| orde<br>r<br>num<br>ber<br>NO. | Material<br>name:<br>Material<br>name | Product<br>name<br>descripti<br>on<br>Descripti<br>on | manufactur<br>er<br>Martnumber | Mater<br>ial:<br>Materi<br>al |
|--------------------------------|---------------------------------------|-------------------------------------------------------|--------------------------------|-------------------------------|
| 1                              | Hot wind<br>line                      | 0.08*72P                                              |                                | 2UEW                          |
| 2                              | No lead tin<br>strip                  | high temperature                                      |                                |                               |
| 3                              | The acetone<br>water                  | /                                                     |                                |                               |
| 4                              | glue                                  | Water-based glue; white                               |                                |                               |
| 5                              | magnetic<br>sheet                     | Hard magnetic size<br>G42.5*5.3*0.8+20*0.8            |                                | PC40                          |
| 6                              | gum                                   | Double-sided back<br>glue                             |                                |                               |
| 7                              | NTC                                   | /                                                     |                                |                               |
| 8                              |                                       |                                                       |                                |                               |
| 9                              |                                       |                                                       |                                |                               |
| 10                             |                                       |                                                       |                                |                               |
| 11                             |                                       |                                                       |                                |                               |
| 12                             |                                       |                                                       |                                |                               |

VI. Packaging /  
PACKAGE6. 1  
Packaging picture



6.2 Packaging quantity and specification Packing Quantity:

| project Item      | Quantity Quantity | Material specification: Material |
|-------------------|-------------------|----------------------------------|
| box Box           | 400 Pcs           | 370*265*55 mm                    |
| Box of Big Carton | 1200 Pcs          | 420*270*310 mm                   |

6.3 The packaging shall be based on the existing packaging plate as the reference standard, and the actual shipping packaging shall prevail. If there are special requirements, it can be customized.

*The packaging sha l be basedon theexusting packing plate andthe actualdelive ry packagesha lprevail.If thereis any requirement,we cancustomizeit.*

## **7. Storage and use conditions Storage and Use condition**

### **7.1 Storage conditions of Storage condition**

7.1.1 Recommended storage conditions: temperature  $-25^{\circ}\text{C} \sim 85^{\circ}\text{C}$ , and 70% humidity (Max.)

Recommended keeping conditions:  $-25^{\circ}\text{C} \sim 85^{\circ}\text{C}$ , 70%RH (Max.)

7.1.2 Storage period: within six months from the date of production

Storage life: Within the limits of six months from being produced.

### **7.2 Use condition Use condition**

Limit of use conditions: temperature =  $-25^{\circ}\text{C} \sim 85^{\circ}\text{C}$ , and 90% humidity

Use condition limit:  $T = -25^{\circ}\text{C} \sim 85^{\circ}\text{C}$ ,  $\text{RH} \leq 90\%$ .

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