



# Shenzhen Chenxing Electronic Technology Co., Ltd

## PRODUCT SPECIFICATION FOR APPROVAL

**CUSTOMER**

**Weigaoyu**

**PRODUCT NAME**

**A11coil**

**PART No.**

**6142D01460000**

**PRODUCT SPEC**

**Sensitivity specifications:  $6.3\mu\text{H} \pm 10\%$   
Magnetic disc specifications: 43.5\*5.3\*1Double groove  
Wire specifications: 0.08\*105\*10Ts/45mm adhesive  
tape for outgoing line**

**DATE**

**July 20, 2023**

**VERSION**

**REV 1.0**

| Revision | Modified Content | Principle | Date       | Note |
|----------|------------------|-----------|------------|------|
| REV 1.0  | first release    | Xue Lei   | 2023-07-20 |      |
|          |                  |           |            |      |

| PREPARED BY | CHECKED BY | APPROVED BY |
|-------------|------------|-------------|
|             |            |             |

|                                                    |  |  |
|----------------------------------------------------|--|--|
| <b>Authorized signature &amp;<br/>company chop</b> |  |  |
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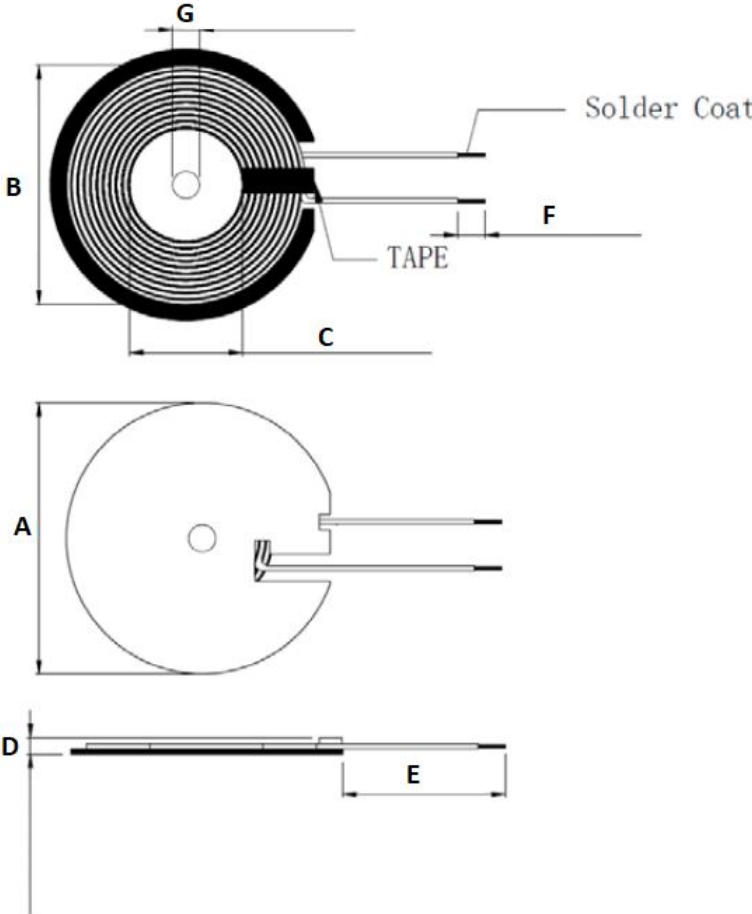
Company Name: Shenzhen Chenxing Electronic Technology Co., Ltd

Factory address: 5th floor, Building 1, Xinkecheng Science and Technology Industrial Park, No. 51 Dabao Road, Xin'an Street, Bao'an District, Shenzhen



## SPECIFICATION

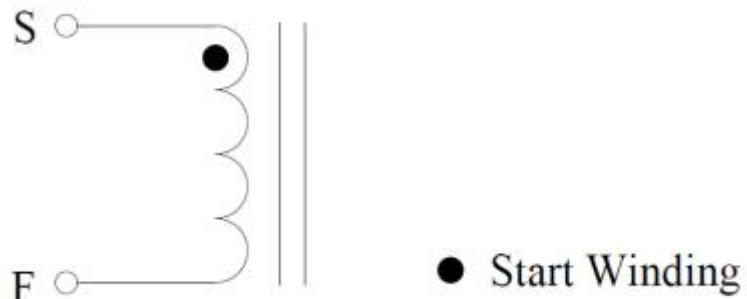
### 一、Product size

|                                                                                     |                                  |                                |
|-------------------------------------------------------------------------------------|----------------------------------|--------------------------------|
|  | Disk diameter A                  | 43.5±0.5mm                     |
|                                                                                     | Coil outer diameter B            | 41.5±1mm                       |
|                                                                                     | Coil inner diameter C            | 20.5±0.5mm                     |
|                                                                                     | Product thickness D              | <2.5mm                         |
|                                                                                     | Outlet length E                  | 45mm±3mm                       |
|                                                                                     | Solder length F                  | 3±1mm                          |
|                                                                                     | Magnetic disc opening diameter G | 5±0.3mm                        |
|                                                                                     | Magnetic disc thickness          | 1±0.1mm                        |
|                                                                                     | Disk shape                       | Circular double groove         |
|                                                                                     | Adhesive thickness               | Ordinary double-sided adhesive |
|                                                                                     | Anti crushing black film         | without                        |



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## 二、schematic diagram



## 三、Winding parameters

| TERMINAL |   | WIRE                        | Turns | Winding Direction |
|----------|---|-----------------------------|-------|-------------------|
| S        | F | silk covered wire 0.08*105P | 10Ts  | CCW               |

## 四、Electrical characteristics:

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

| ITEM | TERMINAL | SPECIFICATION | TEST FREQUENCY | TEST EQUIPMENTS |
|------|----------|---------------|----------------|-----------------|
| IND. | S-F      | 6.3uH±10%     | 100KHz/1.0V    | LCZ METER 1062B |

## 五、Product image

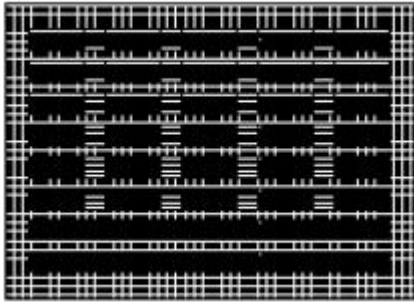


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六、Packing:



The size of pearl cotton is 35 \* 24.5 \* 6.2cm, and each pearl cotton has a total of 40 compartments. Each compartment contains 6 pieces of products, with a total of 240 pieces of products packed in three layers of pearl cotton per box;



The size of the cardboard box is 36.5 \* 25.5 \* 21 CM, with each box containing 720 PCS of products.