



PRODUCT SPECIFICATION FOR APPROVAL

|              |                                                                                                                                                                       |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| CUSTOMER     | Gaoyu Wei                                                                                                                                                             |
| PRODUCT NAME | A11 coil                                                                                                                                                              |
| PART No.     |                                                                                                                                                                       |
| PRODUCT SPEC | Sensitivity specifications: 6.3±10%<br>Magnetic disc specifications: 43.5*5.3*1 Double groove<br>Wire specifications: 0.08*105*10Ts/outlet45mm Stick<br>back adhesive |
| DATE         | April 12, 2023                                                                                                                                                        |
| VERSION      | REV 1.0                                                                                                                                                               |

| Revision | Modified Content | Principle | Date       | Note |
|----------|------------------|-----------|------------|------|
| REV 1.0  | First release    | Xue Lei   | 2023-04-12 |      |
| 1        |                  |           |            |      |

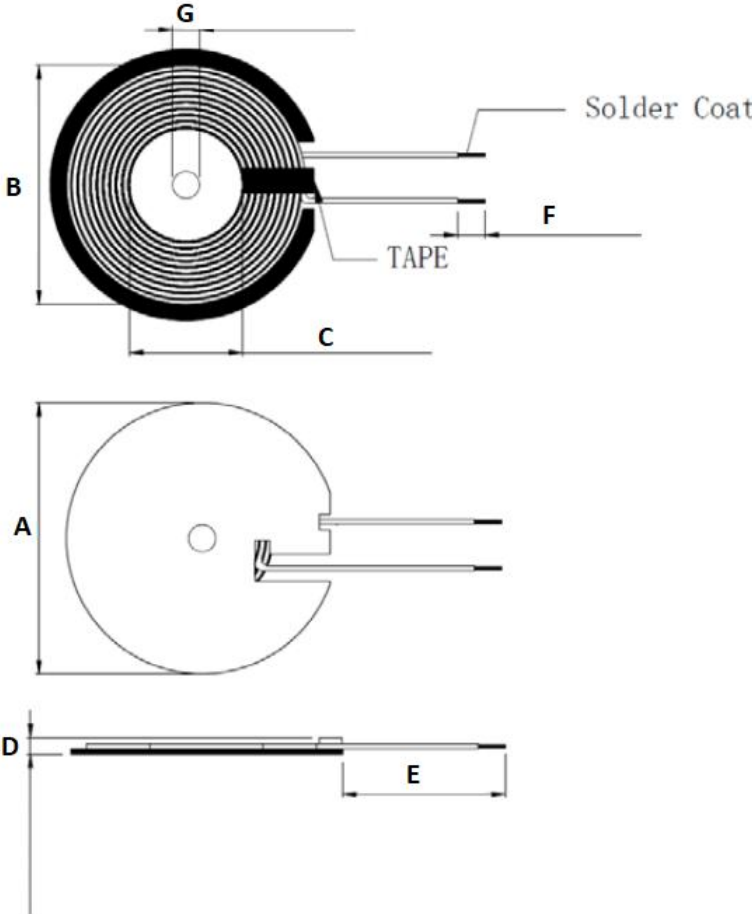
| PREPARED BY | CHECKED BY | APPROVED BY |
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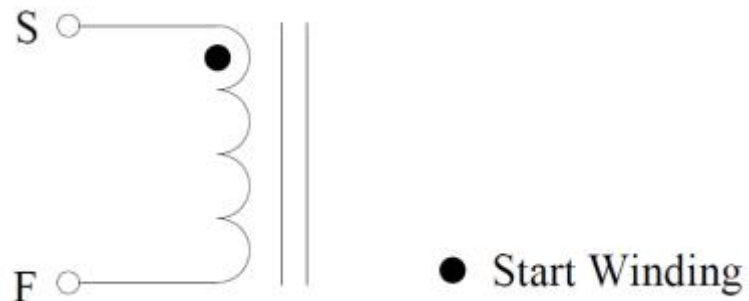
## SPECIFICATION

### 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         | No                             |
|                                                                                     | Antenna Gain                     | 0dBi                           |



## 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%

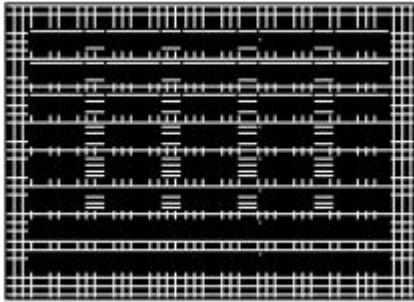
| ITEM | TERMINAL | SPECIFICATION | TEST FREQUENCY | TEST EQUIPMENTS |
|------|----------|---------------|----------------|-----------------|
| IND. | S-F      | 6.3uH±10%     | 100KHz/1.0V    | LCZ METER 1062B |

## 五、Product image





**六、Packaging instructions:**



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.