



PRODUCT SPECIFICATION FOR APPROVAL

CUSTOMER:

Dongguan Ronghe Electronics Co., Ltd

PRODUCT NAME:

WH-027 Mobile phone coil

PART No.

20.001-057

PRODUCT SPEC:

Sensitivity specification: 6.3uH±5%  
Disk specification: 43.5\*5.3\*1 Dual slot  
Wire specification: Silk covered wire 0.08\*105\*10Ts (coil inner diameter 20.5mm) 85mm/3M double-sided tape

DATE:

2024. 06. 01

VERSION:

REV 1.0

| Revision | Modified Content | Principle | Date       | Note |
|----------|------------------|-----------|------------|------|
| REV 1.0  | first release    | Xue Lei   | 2024-06-01 |      |
|          |                  |           |            |      |

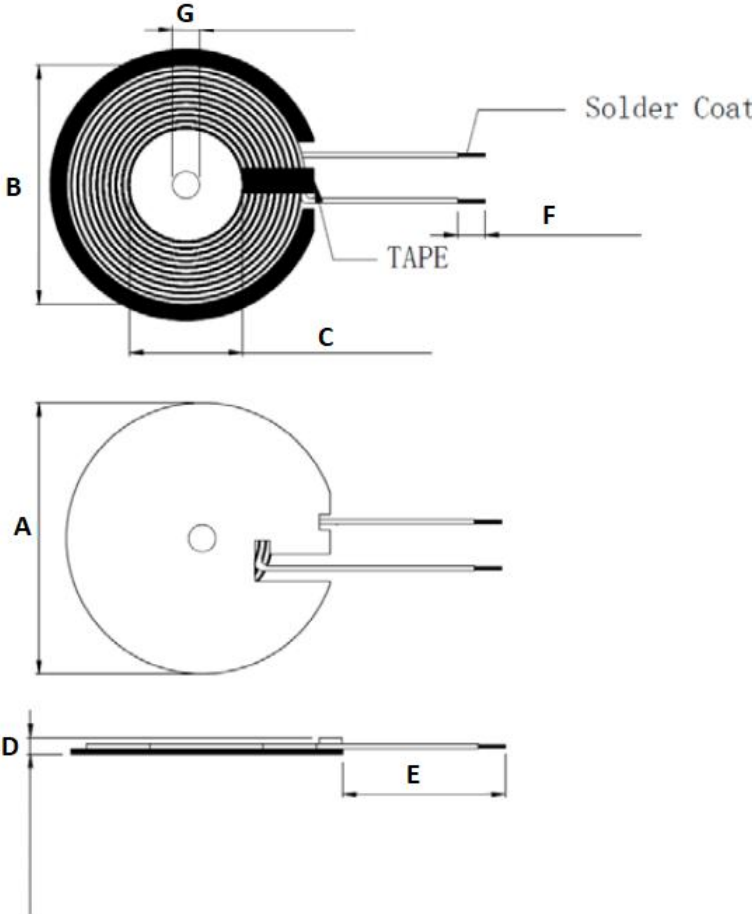
| PREPARED BY | CHECKED BY | APPROVED BY |
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| Authorized signature & company chop |  |  |
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## SPECIFICATION

### 一、product size

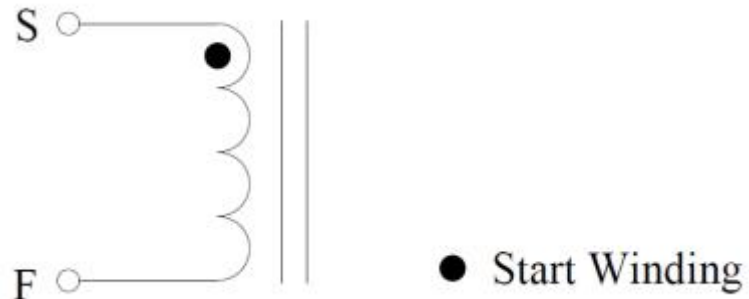
|   |                          |                      |
|---|--------------------------|----------------------|
|  | Disk diameter A          | 43.5±0.5mm           |
|   | Coil outer diameter B    | 42±1mm               |
|   | Coil inner diameter C    | 20.5±0.5mm           |
|   | Product thickness D      | <2.5mm               |
|   | Outlet length E          | 85mm±3mm             |
|   | Solder length F          | 2-5mm                |
|   | Disk opening diameter G  | 5±0.3mm              |
|   | Diskette thickness       | 0.95±0.05mm          |
|   | Diskette shape           | Circular double slot |
|   | gum                      | 3M double-sided tape |
|   | Shatter-proof black film | NO                   |

Company name: Shenzhen Chenxing Electronic Technology Co., LTD

Factory address: 5F, Building 1, Xinke City Science and Technology Industrial Park, 51 Dabao Road, Xin 'an Street, Bao 'an District, Shenzhen



## 二、schematic diagram



## 三、Winding parameter

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

## 四、electrical specification:

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

| ITEM | TERMINAL | SPECIFICATION                     | TEST FREQUENCY | TEST EQUIPMENTS |
|------|----------|-----------------------------------|----------------|-----------------|
| IND. | S-F      | L: 6.3uH±10%<br>Q: greater than80 | 100KHz/1.0V    | LCZ METER 1062B |