

acknowledgement

SPECIFICATION FOR

Customer  
CUSTOMER:

Forever diffuse

Customer  
Material  
Number: CUS  
T P / N:

Material No. :  
P / N :

$\phi$  14.0\*20.5-0.08\*24P-14TS-8-25C

Product  
Model  
Number:  
DESC:

2023/12/05

date  
DATE :

A .0

edition:  
note :

The phone coil and the earphone coil are identical, except for the differing lengths of the leads.

| Fitting the<br>P R EPARED<br>BY | Review<br>the CHECKED<br>B Y | Approval<br>of the APP<br>ROVED BY | The customer<br>acknowledged that the<br>CUSTOMER AP<br>PROVE |
|---------------------------------|------------------------------|------------------------------------|---------------------------------------------------------------|
|                                 | chen lihua                   |                                    |                                                               |

SHENZHEN YONGMAN DIGITAL CO.,LTD

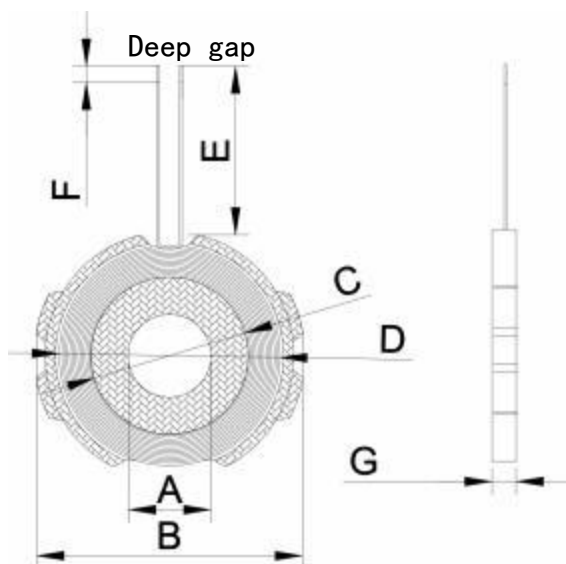
## Version Change History

[illegible]

## S PECIFICATION

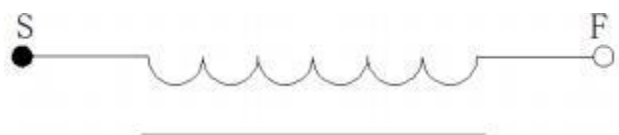
|                            |                                  |              |                                         |  |
|----------------------------|----------------------------------|--------------|-----------------------------------------|--|
| Product                    | φ 14.0*20.5-0.08*24P-14TS-8-25CC | Rev :<br>A.0 | Customer CUST:                          |  |
| model<br>number:<br>D E SC |                                  |              | Customer material<br>number CUST P / N: |  |

## 1. Dimension DIMENSION: (mm)



|   |          |
|---|----------|
| A | 8.0±0.5  |
| B | 25.0±0.5 |
| C | 14.0±1   |
| D | 20.5±1   |
| E | 13.0 mm  |
| F | 3.00±0.5 |
| G | 2.6±0.5  |
|   |          |
|   |          |
|   |          |
|   |          |
|   |          |
|   |          |

## 2. A Schematic diagram of the SCHEMATIC DIAGRA M



## 3. Winding parameter Winding Specification:

pour :

1. Cross coil outlet 2. The coil is attached with circular soft magnetic sheet with size φ 8\*25\*1.0mm; 3. The lead outlet position is shown above (when the outlet is up, the deep gap is below)
4. The overall thickness of the coil is not more than 3mm; 5

| order number NO . | Terminal, TERMINAL |   | Line diameter WI RE | number of turns T u rns | Winding direction is Winding Direc tion |
|-------------------|--------------------|---|---------------------|-------------------------|-----------------------------------------|
| 1                 | S                  | F | 0.08*24             | 13Ts                    | anticlockwise                           |

## 4. Electrical characteristics E LECTRIC AL CHARACTERISTICS:

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

| orde r num ber NO. | The Proje ct ITE M | Terminal, TERMINAL | standard SPECIFICATIO N         | test condition TEST FREQU ENCY | measuring and test instruments TEST EQUIP MENTS |
|--------------------|--------------------|--------------------|---------------------------------|--------------------------------|-------------------------------------------------|
| 1                  | IND .              | S -F               | 4.8 uH ± 10%, individual coil   | 100KHz/1.0V                    | LCZ METER 1062B                                 |
| 2                  | IND .              | S -F               | 7.8 uH ± 10% tape magnetic tape | 100KHz/1.0V                    | LCZ METER 1062B                                 |
| 3                  | DC R               | S -F               | 600m Ω Max                      |                                | LCZ METER 502B                                  |

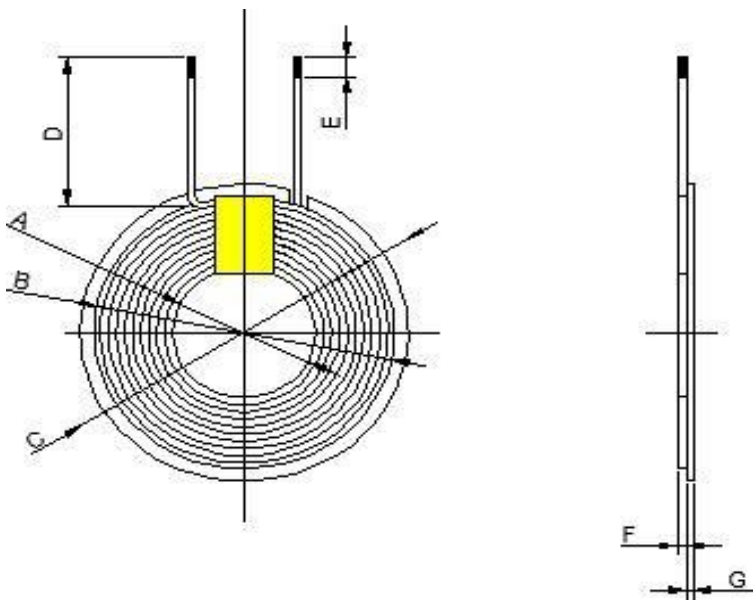
|                                |                                 |
|--------------------------------|---------------------------------|
|                                |                                 |
| File / date PREPARED BY / DATE | Review / Date CHECKED BY / DATE |
| chen lihua 2023 / 12 / 05      |                                 |

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# Shenzhen yongman digital co., LTD

## Specification

|                                                                                    |                   |                    |                                                |                              |                                 |                               |         |
|------------------------------------------------------------------------------------|-------------------|--------------------|------------------------------------------------|------------------------------|---------------------------------|-------------------------------|---------|
| Document number                                                                    | A11               | name of an article | Wireless charging and transmitting coil module |                              |                                 |                               |         |
| product size                                                                       | Φ 43. 5*Φ 5*H1. 8 |                    | Bonding mode                                   |                              | Acetone self-adhesion           |                               |         |
|  |                   |                    |                                                |                              | A                               | 20. 5±0. 5                    |         |
|                                                                                    |                   |                    |                                                |                              | B                               | 39±1                          |         |
|                                                                                    |                   |                    |                                                |                              | C                               | 43. 5±0. 5                    |         |
|                                                                                    |                   |                    |                                                |                              | D                               | 35±2                          |         |
|                                                                                    |                   |                    |                                                |                              | E                               | 4 M AX                        |         |
|                                                                                    |                   |                    |                                                |                              | F                               | 1. 17±0. 1                    |         |
|                                                                                    |                   |                    |                                                |                              | G                               | 0. 6±0. 1                     |         |
|                                                                                    |                   |                    |                                                |                              | H                               | 1. 8±0. 1                     |         |
|                                                                                    |                   |                    |                                                |                              | Unit: MM                        |                               |         |
| wire rod                                                                           | 0.08*105 shares   |                    | Winding mode                                   | Single-wire overlapping type | remarks<br>windings<br>Magnetic | The coil is counterclockwise. |         |
| number of                                                                          | 11 Ts             |                    |                                                |                              |                                 |                               |         |
| disk size                                                                          | Φ 43. 5*Φ 5*0. 6  |                    | L                                              | 6. 8uH±10%                   |                                 |                               |         |
| Coil size                                                                          | Φ 39. 0*20. 5     | Test frequency     |                                                | 100KHZ                       | test mode                       | Series test                   |         |
| Cu<br>st<br>o<br>m<br>er<br>op<br>ini<br>on                                        |                   |                    |                                                |                              |                                 |                               |         |
| draw up a form                                                                     | check             |                    |                                                | confirm                      | CHENLIHUA                       | date                          | 2030626 |