

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:  
Version :

| 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                   |                                    |                                                               |

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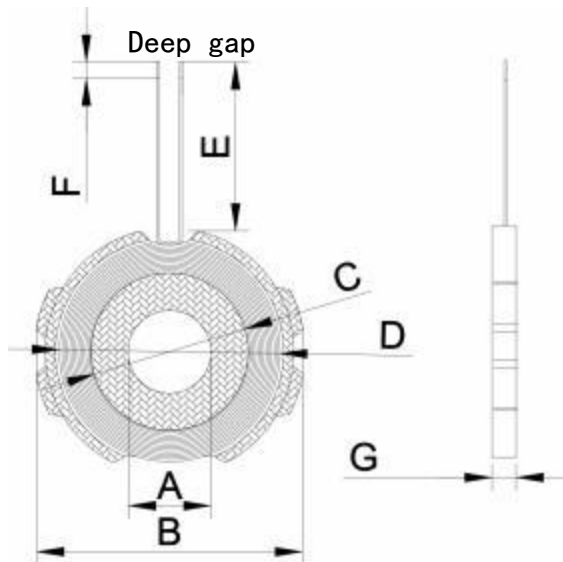
## Version Change History

[illegible]

## S PECIFICATION

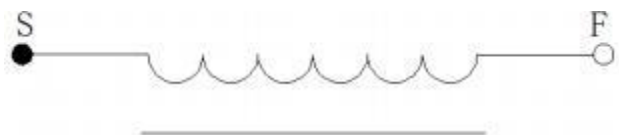
|                                       |                                       |              |                                         |  |
|---------------------------------------|---------------------------------------|--------------|-----------------------------------------|--|
| Product<br>model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

## 1. Dimension DIMENSION: (mm)



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

## 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  $\phi$  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<br>number<br>NO . | Terminals<br>TERMINALS |   | Line diameter<br>WI RE | number<br>of turns<br>T u rns | Winding<br>direction is<br>Winding Direc<br>tion |
|-------------------------|------------------------|---|------------------------|-------------------------------|--------------------------------------------------|
| 1                       | S                      | F | 0.08*24                | 13Ts                          | anticlockwise                                    |

## 4. Electrical characteristics E LECTRICAL CHARACTERISTICS:

Temperature TEMPERATURE:  $25 \pm 10^{\circ}\text{C}$ , humidity RELATIVE HUMIDITY:  $65 \pm 20\%$ 

| orde<br>r<br>num<br>ber<br>NO. | The<br>Proje<br>ct<br>ITE<br>M | Terminal,<br>TERMINA<br>L | standard<br>SPECIFICATIO N                       | test condition<br>TEST FREQU ENCY | measuring and test<br>instruments<br>TEST EQUIP<br>MENTS |
|--------------------------------|--------------------------------|---------------------------|--------------------------------------------------|-----------------------------------|----------------------------------------------------------|
| 1                              | IND .                          | S -F                      | $4.8 \mu\text{H} \pm 10\%$ , individual<br>coil  | 100KHz/1.0V                       | LCZ METER 1062B                                          |
| 2                              | IND .                          | S -F                      | $7.8 \mu\text{H} \pm 10\%$ tape magnetic<br>tape | 100KHz/1.0V                       | LCZ METER 1062B                                          |
| 3                              | DC R                           | S -F                      | 600m $\Omega$ Max                                |                                   | LCZ METER 502B                                           |

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