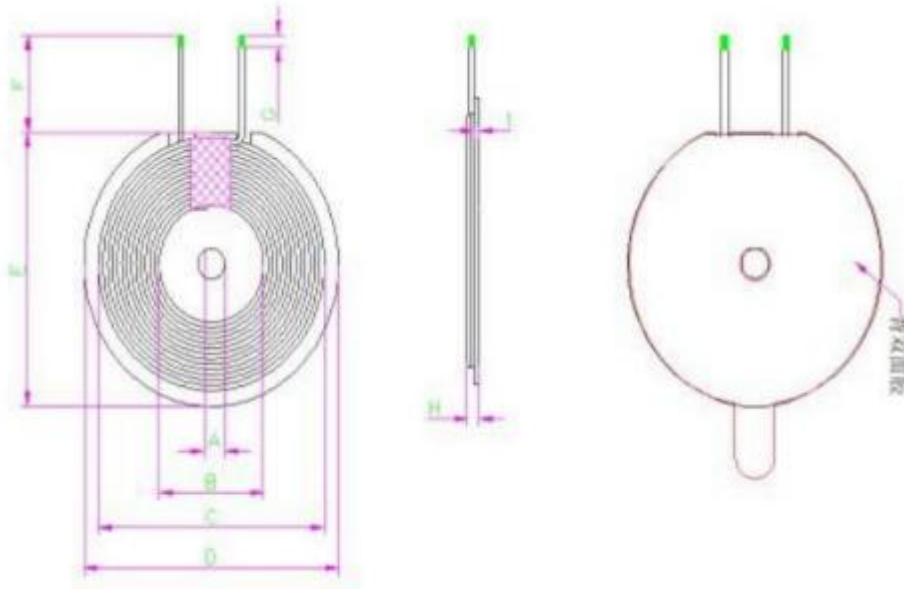


# Product specification

|                   |                                         |                      |             |
|-------------------|-----------------------------------------|----------------------|-------------|
| Customer name     | LANTAISI                                | Customer part number |             |
| Part number (P/N) | TX-DZ43.505.3008-12T-K6.5-L12 Two slots | Specification number | 20230905001 |
|                   |                                         | edition              | 01          |

## ◆、Overall dimension



(unit: mm)

|   |                               |
|---|-------------------------------|
| A | 5.3 ±0.5                      |
| B | 13.8 ±1.5                     |
| C | 38.0 ±1.5                     |
| D | 43.5 ±1.5                     |
| E | 43.0 ±1.5                     |
| F | 12.0 ±2.0                     |
| G | 3.0 ±1.5                      |
| H | 2.7 ±0.5                      |
| I | 0.80 ±0.2(Diskette thickness) |

- (1)Wire diameter: 0.08\*105P silk-covered wire
- (2)Number of coils wound:12TS
- (3)Whether the start and end lines cross: Yes
- (4)Coil wrap 6mm wide high temperature tape
- (5)The coil and magnetic disk must be centered
- (6)Disc back 42 round 3M glue

## ◆、Electrical characteristic:

| argument | specification | Test condition | Testing instrument |
|----------|---------------|----------------|--------------------|
| L0       | 6.5 ±10% μH   | 100KHz/1V      | ■TH1816B           |
| Q        | >30 min       | 100KHz/1V      | ■TH1816B           |
| DCR      | <95 mΩ        | @ 25℃          | ■CH-502BC          |

## ◆、Temperature class:

|                       |            |
|-----------------------|------------|
| Operating temperature | -40℃~ 125℃ |
|                       |            |

## ◆、Bill of materials:

| Serial number | description           | Material specification       | supplier                         | remark |
|---------------|-----------------------|------------------------------|----------------------------------|--------|
| 1             | Magnetic sheet        | 43.5 x 5.3 x 0.8T dual slots | PC40 zinc                        |        |
| 2             | Copper wire           | 0.08*105P                    | Acrylic copper silk-covered wire |        |
| 3             | High-temperature tape | 6MM                          | Eco-friendly adhesive tape       |        |
| 4             | glue                  | 42 round 3M glue             | Eco-friendly adhesive paper      |        |

|               |      |            |                                      |               |  |  |
|---------------|------|------------|--------------------------------------|---------------|--|--|
| 5             | tin  | 107H       | Thousand island<br>environmental tin |               |  |  |
| 6             | glue | Yellow gum | Eco-friendly glue                    |               |  |  |
| establishment |      | examine    |                                      | approve       |  |  |
| jian li Zhong |      | /          |                                      | xiang ping Ma |  |  |