

# Specification document

Customer Name: Guangdong Changrong Intelligent Technology Co., Ltd

Customer part number:

Customer part number: G25-2.3-4.0UH-3200GS-8MM

Sample Submission Date: December 18th, 2025

supplier: Dongguan Yuyao Electronic Technology Co., Ltd

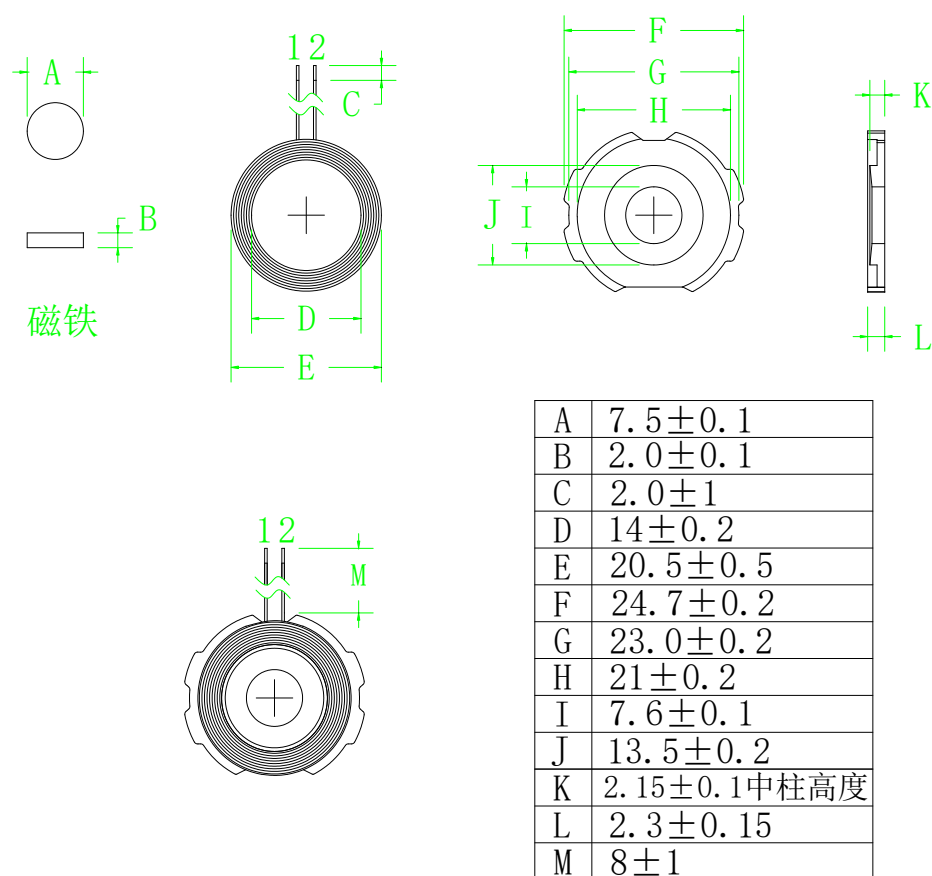
Manufacturer: Dongguan Yuyao Electronic Technology Co., Ltd

Tel: 13717089408

Fax:

ADD: Warehouse on the 3rd floor, Building 21, New Sun Industrial City,  
Lincun, Tangxia Town, Dongguan City

## 一、Plan structure diagram: Unit: MM



## 二、Product Parameters:

| Foot position | Wire diameter | Number of laps | NOTE                 |
|---------------|---------------|----------------|----------------------|
| 1 - 2         | 0.08*48P      | 9T             | Hot air twisted wire |

## 三、Technical requirements::

1. Fix the wire ends and prevent loose or broken wires
2. Cut the excessively long wire ends according to customer requirements, tin them with a uniform depth of  $2 \pm 1$ MM
3. Apply appropriate white glue on the magnetic sheet, attach the coil, and ensure that the product surface is clean and tidy during the process
4. The hard magnetic sheet used has a circular hole and is undamaged
5. Additional process (according to customer requirements): Install a  $7.5 * 2.0$ mm magnet into the circular hole in the middle of the finished product, and place it in the finished product

Add 14mm diameter circular double-sided tape on the back for packaging

四、Electrical parameters:

1. Inductance value, Q value:

$$\text{PIN } 1 - 2 = 4.0\mu\text{H} \pm 0.3\mu\text{H}$$

$$Q \text{ value} \geq 25$$

The above inductance and Q value are measured using Quanhua 1062A instrument, with 100KHZ/1.0Vrms as the standard or equivalent instrument.

五、Material list:

| No. | Name                 | material                                  | supplier | Note      |
|-----|----------------------|-------------------------------------------|----------|-----------|
| 1   | Hot air twisted wire | 0.08X48P                                  |          |           |
| 2   | disk                 | G25 hard substrate                        |          |           |
| 3   | tin                  | High temperature environmental protection |          |           |
| 4   | white glue           | BY882                                     |          |           |
| 5   | magnet               | 7.5*2.0*3200±100GS                        |          |           |
| 6   | adhesive backing     | 513-14MM                                  |          | Rotundity |
|     |                      |                                           |          |           |
|     |                      |                                           |          |           |
|     |                      |                                           |          |           |
|     |                      |                                           |          |           |