

# SPECIFICATION FOR APPROVAL

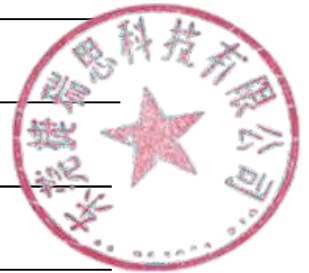
Customer: \_\_\_\_\_ Hancai

Customer P/N: \_\_\_\_\_

Model Number: \_\_\_\_\_ SJ-G25-4.0UH-48P-3500GS-7MM

Date: \_\_\_\_\_ Nov. 08, 2023

Supplier: \_\_\_\_\_



| Prepared by | Checked by    | Approval by |
|-------------|---------------|-------------|
| Lu Lin      | Deng Xianggui | 陆如圣         |

## Customer Approval

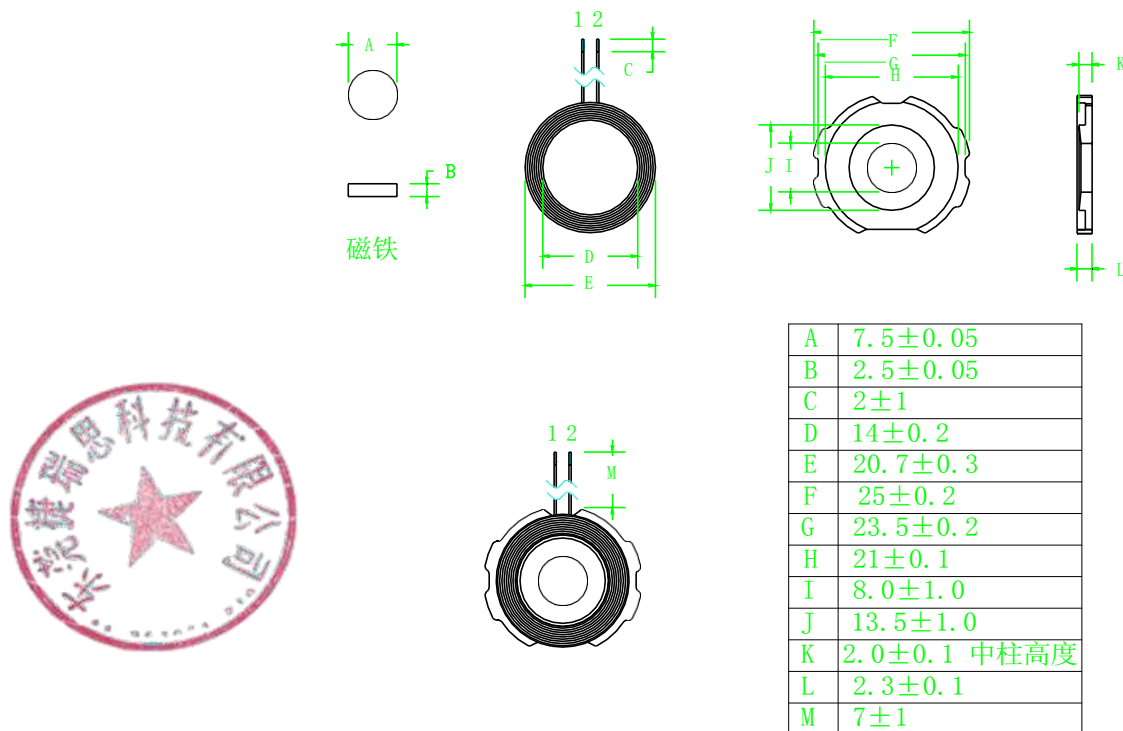
| Pass    | Fail | Approved |
|---------|------|----------|
|         |      |          |
| Remarks |      |          |

## Jieruisi Dongguan Science and Technology Co., Ltd.

Tel: 86+13632701380

Add: No 152, Guanchang Road, Taigongling Village, Dalingshan Town, Dongguan, Guangdong, China.

### 1. Mechanical Structure drawing, unit: mm



### 3. Specification

| Pin   | Diameter | Turns | Notes                   |
|-------|----------|-------|-------------------------|
| 1 - 2 | 0.08*48  | 9T    | Hot air stranding wires |

### 5. Technical Requirements : (magnetic flux density $7.5 \times 2.5 \times 3500$ Gs)

- Fix both ends of the wire so that no loose wire, break wire accures.
- Cut the wire length according to customer requirements, and tin ends, standard tin length **2±1MM**
- Spread white glue on the soft plate and cover it on the coil, make sure the surface to be clean and tidy during the process.
- The hard plate have a round hole, no break or damage for the plate.
- Process (customer requirements): Assemble **7.5x2.5mm** Magnet core at the center and instal 513-14mm double side sticker on back side, then pack up

#### 4. Electric Characteristics:

##### 1. Inductance, Q value:

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

$Q \geq 25$



Above inductance measured with Quanhua 1062A Inductance tester, at 10KHZ/0.3Vrms, or equivalent tester.

Q value measured with Quanhua 1062A Inductance tester, at 10KHZ/0.3Vrms, or equivalent tester.

##### 5. Bill of material:

| No | Component             | Material                          | Supplier                | Notes |
|----|-----------------------|-----------------------------------|-------------------------|-------|
| 1  | Hot air strands       | 0.08X48P                          | Weihan or equivalent    |       |
| 2  | Magnetic plate        | G25 Sintered substrate            | Tiantong or equivalent  |       |
| 3  | Tin                   | High temperature tin, Rohs comply | Qiandao or equivalent   |       |
| 4  | White glue            | BY882                             | Boaye or equivalent     |       |
| 5  | Magnetic core         | 7.5*2.5( >3500GS)                 | Liansheng or equivalent |       |
| 6  | Double-sided adhesive | 513-14mm                          | Honghui or equivalent   |       |