

# Product Specifications

**Customer:**  $\Phi 43.5\text{MM} \times 0.8\text{MM}$

**Customer P/N:**

**G43.5\*0.8-20.5-0.08\*48-12T-10UH-W39.5-L50MM+BJ**

**Checked: HAI**

**Approved : Eric**

**Date: 2020-03-10**

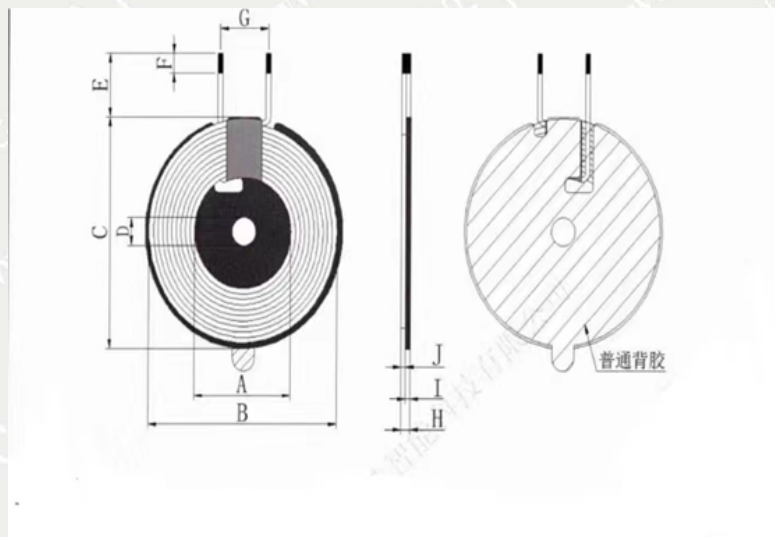
**CUSTOMER APPROVED 客户批准  
(SIGNATURE 签名)**



裕健智能  
**E&J Intelligent**

精研定制  
**R&D customization**

一、尺寸 DIMENSION:(mm)



|   |          |
|---|----------|
| A | 43.5±0.5 |
| B | 39.5±0.5 |
| C | 20.5±0.5 |
| D | 50 ±2    |
| E | 3±2      |
| F | 5.3±0.2  |
| G |          |
| H |          |
| I |          |
| K |          |
|   |          |
|   |          |
|   |          |
|   |          |
|   |          |

注：

- 交叉出线;
- 线圈贴 43.5 双槽磁片，磁片尺寸 43.5±0.5mm，厚度为 0.8±0.05mm.
- 磁片背面贴背胶

二、原理图 SCHEMATIC DIAGRAM:

三、绕线参数 Winding Specification:

| 序号<br>NO. | 端子<br>TERMINAL | 线径<br>WIRE   | 圈数<br>Turns | 绕线方向<br>Winding Direction |
|-----------|----------------|--------------|-------------|---------------------------|
| 1         | S F            | 丝包线 0.08*48P | 10Ts        | CCW                       |

四、电气特性 ELECTRICAL CHARACTERISTICS:

温度 TEMPERATURE:25±10℃, 湿度 RELATIVE HUMIDITY:65±20%

| 序号<br>NO. | 项目<br>ITEM | 端子<br>TERMINAL | 标准<br>SPECIFICATION | 测试条件<br>TEST FREQUENCY | 测试仪器<br>TEST EQUIPMENTS |
|-----------|------------|----------------|---------------------|------------------------|-------------------------|
| 1         | IND.       | S-F            | 7.3uH ±10%单独线圈      | 100KHz/1.0V            | LCZ METER 1062B         |
| 2         | IND.       | S-F            | 10UH ±10%加磁片        | 100KHz/1.0V            | LCZ METER 1062B         |
| 3         | DCR        | S-F            | ≤140mΩ              |                        | LCZ METER 502B          |

**Note: 备注**

Any other items which are not covered in this specification shall be agreed by both parties.  
本说明书未包括事项应由双方协议确定