

## 承 認 書

## SPECIFICATION FOR APPROVAL

|                       |                                       |
|-----------------------|---------------------------------------|
| 客 戶:<br>CUSTOMER:     | /                                     |
| 客 戶 料 號:<br>CUST P/N: | /                                     |
| 松 島 料 號:<br>FINE P/N: | G43.5-6.5uH single-coil 0.08*48P*10TS |
| 產 品 型 號:<br>DESC:     | Φ 43.5MMX5.0MMX0.65MM                 |
| 日 期:<br>DATE:         | 2024/07/15                            |
| 版 本:<br>Version:      | A.0                                   |

| 擬制<br>PREPARED BY | 審核<br>CHECKED BY | 批准<br>APPROVED BY | 客戶承認<br>CUSTOMER APPROVE |
|-------------------|------------------|-------------------|--------------------------|
| 黃燕銘               | 寧元安              | 黃錦華               |                          |

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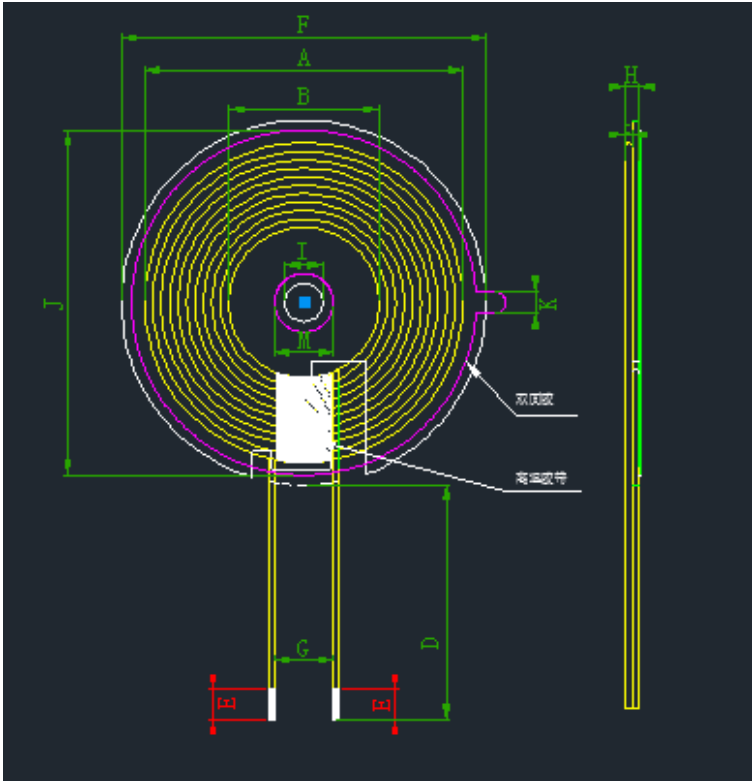
## Version Change History

[illegible]

SPECIFICATION

|               |                                                   |                |                |     |
|---------------|---------------------------------------------------|----------------|----------------|-----|
| 產品型號:<br>DESC | $\Phi$<br>20.5x38.5-6.5uH-0.08x50P-50mm-43.5<br>C | 版本<br>Rev: A.0 | 客戶 CUST:       | XXX |
|               |                                                   |                | 客戶料号 CUST P/N: |     |

一、尺寸 DIMENSION:(mm)

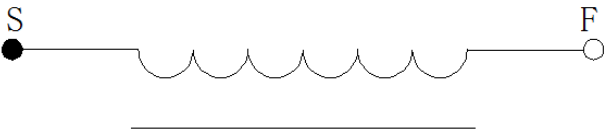


|   |          |
|---|----------|
| A | 38.5±0.5 |
| B | 20.5±0.5 |
| C | 1.25 Max |
| D | 40±2     |
| E | 3±2      |
| F | 43.5±0.5 |
| G | 8.0 ref  |
| H | 1.6 Max  |
| I | 5.3      |
| M | 8.0      |
| J | 42±1     |
| K | 3.0±1    |
|   |          |

Notes:

1. Cross out the wire.
2. Wrap 8mm (ref) width high temperature adhesive paper 1-2Ts at the wire outlet position.
3. Coil paste round hard magnetic sheet with slot and backing, magnetic sheet size 43.5±0.5mm, inner hole 5.3mm, thickness 0.65±0.2mm.

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 | Self-adhesive enameled wire 0.08*50 P | 10Ts        | CCW                       |

四、电气特性 ELECTRICAL CHARACTERISTICS:

温度 TEMPERATURE:25±10°C, 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            | 3.8uH ±10% solenoid          | 100KHz/0.25V           | LCZ METER 1062B         |
| 2         | IND.       | S-F            | 6.5uH ±10% magnetizing sheet | 100KHz/0.25V           | LCZ METER 1062B         |
| 3         | DCR        | S-F            | ≤85m Ω                       | 100KHz/0.25V           | LCZ METER 502B          |
| 4         | Q 值        | S-F            | ≥40                          | 100KHz/0.25V           | LCZ METER 502B          |

|                          |                         |
|--------------------------|-------------------------|
| 擬制/日期 PREPARED BY/DATE   | 審核/日期 CHECKED BY/DATE   |
| Huang Yanming 2024/07/15 | Huang Jinhua 2024/07/15 |