

# 承 認 書



## SPECIFICATION FOR APPROVAL

客 戶:  
CUSTOMER:

客 戶 料 號:  
CUST P/N:

松 島 料 號:  
FINE P/N:

產 品 型 號:  
DESC:

日 期:  
DATE:

版 本:  
Version:

**G43.5-7.2UH unicoil 0.08\*24P\*2\*12TS**

**Φ 43.5MMX8.0MMX0.8MMslotting**

**2025/05/28**

**A.0**

| 擬制<br>PREPARED BY    | 審核<br>CHECKED BY      | 批准<br>APPROVED<br>BY | 客戶承認<br>CUSTOMER APPROVE |
|----------------------|-----------------------|----------------------|--------------------------|
| 黃燕銘<br>Huang Yanming | 黃東明<br>Huang Dongming | 黃錦華<br>Huang Jinhua  |                          |

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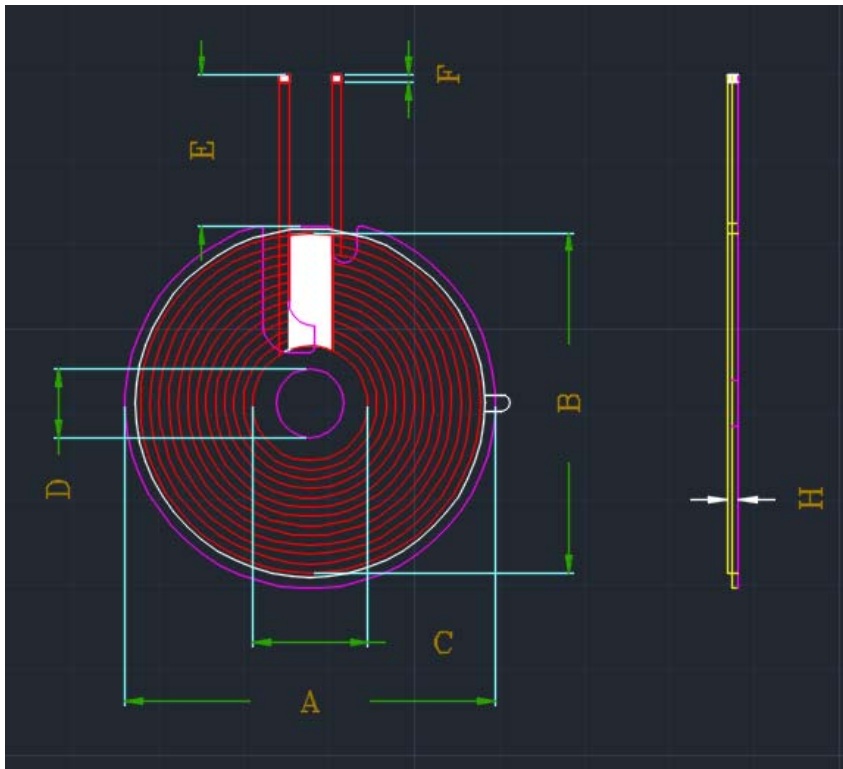
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## Version Change History

# SPECIFICATION

|               |                              |                |                            |     |
|---------------|------------------------------|----------------|----------------------------|-----|
| 產品型號:<br>DESC | Φ14.5x39-7.2uH-0.08x24P-55mm | 版本<br>Rev: A.0 | 客戶 CUST:<br>客戶料号 CUST P/N: | XXX |
|---------------|------------------------------|----------------|----------------------------|-----|

## 一、尺寸 DIMENSION:(mm)



|   |          |
|---|----------|
| A | 43.5±1.0 |
| B | 39.0±1.5 |
| C | 14.5±0.5 |
| D | 8±0.3    |
| E | 55±2     |
| F | 3±2      |
| H | 1.5±0.2  |
|   |          |
|   |          |
|   |          |
|   |          |
|   |          |
|   |          |
|   |          |
|   |          |

### 注:

- 交叉出线;
- 出线位置缠8mm(ref)宽度高温胶纸 1-2Ts;
- 线圈贴圆形硬磁片带槽, 磁片尺寸 43.5±0.5mm, 内孔8.0mm, 厚度为 0.8±0.2mm。

### Note:

- Cross exit;
- Wrap 8mm(ref) wide high-temperature adhesive tape 1-2Ts around the lead-out position.
- A circular hard magnetic sheet with grooves is attached to the coil. The size of the magnetic sheet is 43.5±0.5mm, the inner hole is 8.0mm, and the thickness is 0.8±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            | 漆包线 Enameled wir 0.08*24PX2 | 12Ts        | 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 ±20%单独线圈<br>Individual coil | 100KHz/1.0V            | LCZ METER 1062B         |
| 2         | IND.       | S-F            | 7.2uH ±10%加磁片 Magnetic sheet      | 100KHz/1.0V            | LCZ METER 1062B         |
| 3         | DCR        | S-F            | ≤102m Ω                           | 100KHz/1.0V            | LCZ METER 502B          |
| 4         | Q          | S-F            | ≥33                               | 100KHz/1.0V            | LCZ METER 502B          |

| 擬制/日期 PREPARED BY/DATE | 審核/日期 CHECKED BY/DATE |
|------------------------|-----------------------|
| 黃燕銘 2025/05/28         | 黃錦華 2025/05/28        |