

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:

G43.5-6.5uH 单线圈 (Single coil) 0.08*70P*10TS

Φ43.5MMX5.0MMX0.5MM

2023/08/18

A.0

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

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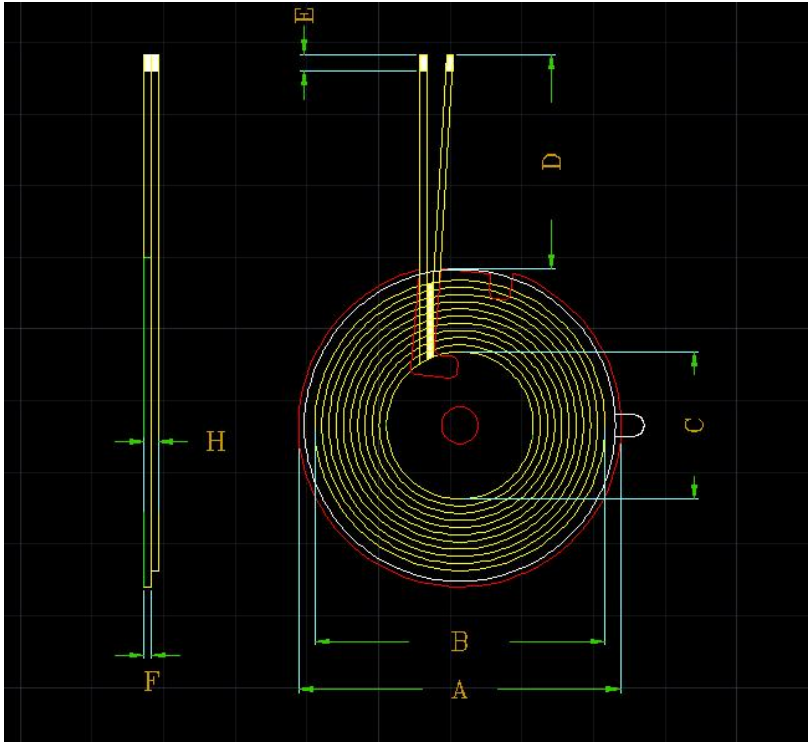
Version Change History

[illegible]

SPECIFICATION

| | | | | |
|------|----------------------------------------------|---------------------------|----------------|-----|
| DESC | Φ 20.5x38.5-6.5uH-0.08x70-35mm-43.5C | 版本 Version Rev: A.0 | 客户 CUST: | XXX |
| | | | 客户料号 CUST P/N: | |

一、尺寸 DIMENSION:(mm)

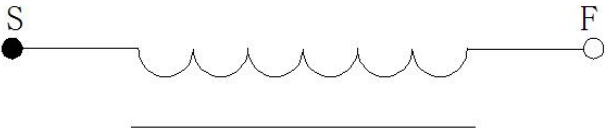


| | |
|---|------------|
| A | 43.5.0±0.5 |
| B | 38.5.5±0.5 |
| C | 20.5±0.5 |
| D | 35±2 |
| E | 3±2 |
| F | 0.5±0.1 |
| H | 1.3±0.2 |
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Note:

1. Cross-line method;
2. Apply 3mm (ref) width heat-resistant adhesive tape at the line exit position for 1-2 times;
3. Adhesive coil is attached to the circular hard magnetic sheet with a slot, with back adhesive. The size of the magnetic sheet is $43.5 \pm 0.5\text{mm}$, the inner hole is 5.3mm, and the thickness is $0.5\pm0.1\text{mm}$.

二、原理图 SCHEMATIC DIAGRAM:



三、绕线参数 Winding Specification:

| 序号 NO. | 端子 TERMINAL | | 线径 WIRE | 圈数 Turns | 绕线方向 Winding Direction |
|-----------|----------------|---|--------------|-------------|---------------------------|
| 1 | S | F | 丝包线 0.08*70P | 10Ts | CCW |

四、电气特性 ELECTRICAL CHARACTERISTICS:

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

| 序号 NO. | 项目 ITEM | 端子 TERMINAL | 标准 SPECIFICATION | 测试条件 TEST FREQUENCY | 测试仪器 TEST EQUIPMENTS |
|-----------|------------|----------------|---------------------|------------------------|-------------------------|
| 1 | IND. | S-F | 3.8uH ±10%单独线圈 | 100KHz/1.0V | LCZ METER 1062B |
| 2 | IND. | S-F | 6.5uH ±10%加磁片 | 100KHz/1.0V | LCZ METER 1062B |
| 3 | DCR | S-F | ≤60mΩ | 100KHz/1.0V | LCZ METER 502B |
| 4 | Q 值 | S-F | ≥48 | 100KHz/1.0V | LCZ METER 502B |

四、Adapt to the environment

| | |
|---------------------|--------------|
| Working temperature | -20℃ — +105℃ |
|---------------------|--------------|

| | |
|------------------------|-----------------------|
| Storage temperature | -20℃ — +70℃ |
| | |
| 擬制/日期 PREPARED BY/DATE | 審核/日期 CHECKED BY/DATE |
| 黃燕銘 2023/08/18 | 黃錦華 2023/08/18 |