

## 承認書

## SPECIFICATION FOR APPROVAL

客戶料號:

CUST P/N:

12600501246

音澤料號:

FINE P/N:

G511-6.5UH 单线圈 0.07\*100P\*10TS

產品型號:

DESC:

Φ 50MMX5.0MMX0.8MM 开槽背胶

日期:

DATE:

2023/03/22

版本:

Version:

A.0

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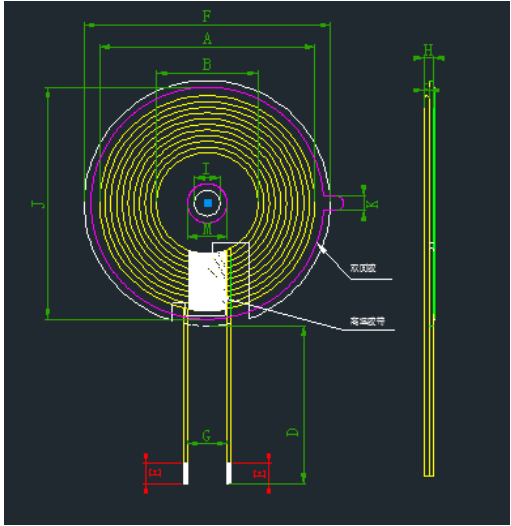
## Version Change History

[illegible]

# SPECIFICATION

|       |                                |              |                |      |
|-------|--------------------------------|--------------|----------------|------|
| 產品型號: |                                | 版本           | 客戶 CUST:       | --   |
| DESC  | Φ 20.5x43-6.5uH-0.07x100P-46mm | Rev: A.<br>0 | 客戶料号 CUST P/N: | G511 |

## 1、尺寸 DIMENSION:(mm)



|   |          |
|---|----------|
| A | 40±1.0   |
| B | 20.5±0.5 |
| C | 1.25 Max |
| D | 46±2     |
| E | 4±2      |
| F | 50±1     |
| G | 10.0 ref |
| H | 2.5 Max  |
| I | 5.3 ref  |
| M | 8.0 ref  |
| J | 47±1     |
| K | 3.0±1    |
|   |          |
|   |          |
|   |          |

|                                                                                                                                 |                   |
|---------------------------------------------------------------------------------------------------------------------------------|-------------------|
| Operation Frequency                                                                                                             | 100-500KHz        |
| Antenna Type                                                                                                                    | Loop coil antenna |
| Antenna gain:                                                                                                                   | 0dBi              |
| We statement that All measurements were performed radiated and therefore additional antenna gain documentation is not required. |                   |

## 二、原理图 SCHEMATIC DIAGRAM:



## 3、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 0.07*100P | 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            | 4.3uH ±10%单独线圈      | 100KHz/1.0V            | LCZ METER 1062B         |
| 2         | IND.       | S-F            | 7.4.0uH ±10%加磁片     | 100KHz/1.0V            | LCZ METER 1062B         |
| 3         | DCR        | S-F            | ≤55m Ω              |                        | LCZ METER 502B          |
| 4         | Q 值        | S-F            | ≤11                 |                        |                         |

| 擬制/日期 PREPARED BY/DATE                 | 審核/日期 CHECKED BY/DATE                   |
|----------------------------------------|-----------------------------------------|
| Helicheng <i>He Licheng</i> 2024.12.10 | Dan keqing <i>Dan keqing</i> 2024.12.10 |