

# 承 認 書

## SPECIFICATION FOR APPROVAL

客 戶:

CUSTOMER:

ESORUN

客 戶 料 號:

CUST P/N:

10.0110.2406

料 號:

FINE P/N:

G42.5-8.1UH 0.08\*80P\*11TS

產 品 型 號:

DESC:

Φ 42.5MMX17.5MMX2.2MM

日 期:

DATE:

2025/10/28

版 本:

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               |                          |

东莞市西联干城科技有限公司

Dongguan Xilian Gancheng Technology Co., Ltd.

工廠地址: 东莞市东坑镇骏发路 123 号三甲高新技术产业园 2 栋 8 楼

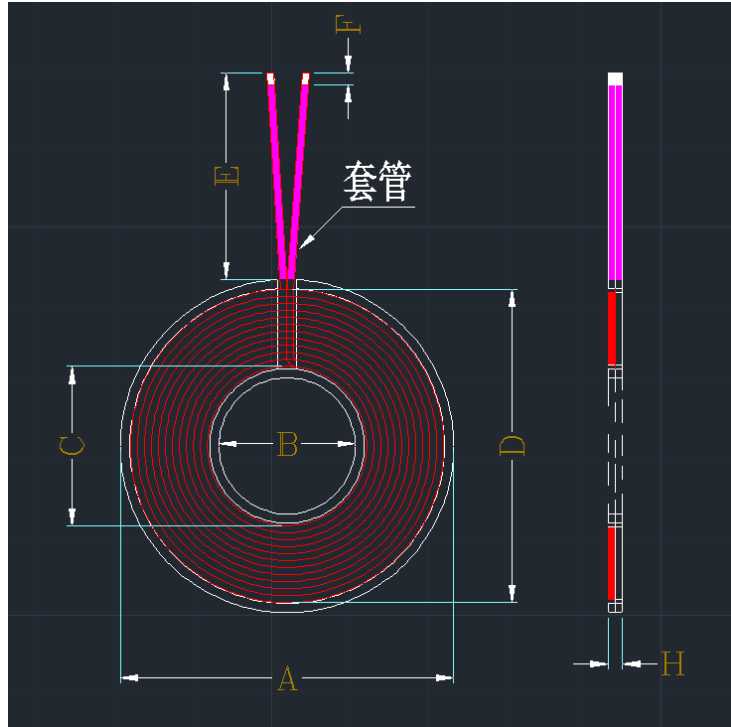
Factory Address: Building 2, 8th Floor, Sanjia High-tech Industrial Park, Junfa Road, Dongkeng Town, Dongguan City

## Version Change History

# SPECIFICATION

|               |                           |                |                |     |
|---------------|---------------------------|----------------|----------------|-----|
| 產品型號:<br>DESC | G42.5-8.1uH-0.08x80P 41mm | 版本<br>Rev: A.0 | 客戶 CUST:       | XXX |
|               |                           |                | 客戶料号 CUST P/N: |     |

## 一、尺寸 DIMENSION:(mm)



|   |          |
|---|----------|
| A | 42.5±0.2 |
| B | 17.5±0.3 |
| C | 20.5±0.3 |
| D | 39±1     |
| E | 41±1.5   |
| F | 3±1      |
| H | 2.2±0.3  |
|   |          |
|   |          |
|   |          |
|   |          |
|   |          |

注:

1.交叉出线;

2.套管

3.线圈贴圆形硬磁片带单槽, 磁片尺寸  
42.5±0.2mm, 内孔 17.5±0.2mm, 厚度 2±0.3。

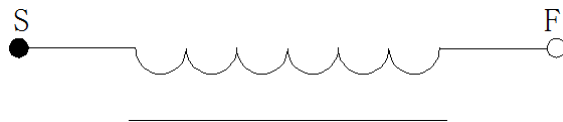
Note:

1. Cross-line exit

2. Encapsulant

3. Coil with a single slot attached to a circular  
hard magnetic sheet, the size of the magnetic  
sheet is 42.5 ± 0.2mm, the inner hole is 17.5  
± 0.2mm, and the thickness is 2 ± 0.3mm.;

## 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 | 0.08*80P   | 11Ts        | 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            | 4.05uH ±20% bare coil only      | 100KHz/1.0V            | LCZ METER 1062B         |
| 2         | IND.       | S-F            | 8.1uH ±5%, with magnetic sheets | 100KHz/1.0V            | LCZ METER 1062B         |
| 3         | DCR        | S-F            | ≤58mΩ                           | 100KHz/1.0V            | LCZ METER 502B          |
| 4         | Q          | S-F            | ≥70                             | 100KHz/1.0V            | LCZ METER 502B          |

擬制/日期 PREPARED BY/DATE

審核/日期 CHECKED BY/DATE

黄燕铭 2025/10/28

黄锦华 2025/10/28