Shenzhen Sanshengchuang Electronic Technology Co., Ltd.

客 戶 料 號: CUST P/N:	**ZLGD-A1-0046**
三盛创料 號: FINE P/N:	**G43.5-6.5uH 单线圈 0.08*24P*2P*10TS**
產 品 型 號: DESC:	**Φ43.5MMX5.3MMX0.8MM 开槽**
日 期: DATE:	**2023.11.28**
版 本: Version:	**A.0**

Shenzhen Sanshengchuang Electronic Technology Co., Ltd.

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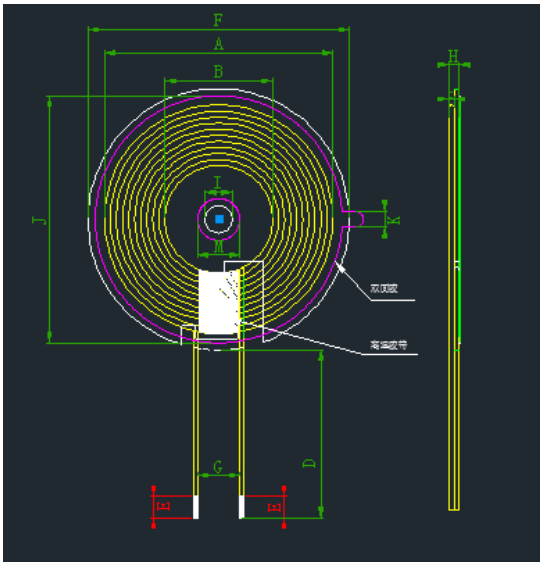
版本變更履歷

Version Change History

版本 Rev.	變 更 前 Before Change	變 更 後 After Change	更 改 日 期 Change Date	批 准 Approved By
A.0	新发行	----	2023.11.28	安帅印

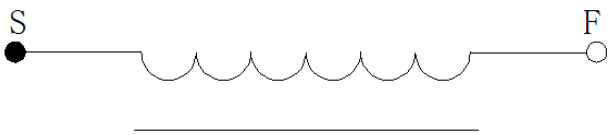
DESC		Rev：A.0	客户料号 CUST P/N:	**ZLGD-A1-0046**

1、尺寸 DIMENSION:(mm)



A	40.0±1.0
B	20.5±0.5
C	0.7 Max
D	15±2
E	3±1
F	43.5±0.5
G	8.0±1.0
H	1.8 ±0.1
I	5.0±0.3
M	7.0±1.0
J	42.5±1
K	3.0±1

二、原理图 SCHEMATIC DIAGRAM:



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.	

Note:

1. Cross wires;
2. 8mm (ref) width high temperature adhesive tape 1-2Ts is wrapped around the wires;
3. The coil is attached with a round hard magnetic sheet with grooves, the magnetic sheet size is 43.5±0.5mm, the inner hole is 5.3mm, and the thickness is 0.8±0.1mm.
4. Working temperature ≦100° C

3、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	热风线 0.08*24P	10Ts	CCW

四、电气特性 ELECTRICAL CHARACTERISTICS:

温度 TEMPERATURE:25±10°C, 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	4.0uH ±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	≤98mΩ	100KHz/1.0V	LCZ METER 502B
4	Q	S-F	≤42	100KHz/1.0V	LCZ METER 502B

擬制/日期 PREPARED BY/DATE	審核/日期 CHECKED BY/DATE

郭柳 2023.11.28	安帅印 2023.11.28