

承認書

SPECIFICATION FOR APPROVAL

客 戶:

CUSTOMER:

客 戶 料 號:

CUST P/N:

松 島 料 號:

FINE P/N:

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

產 品 型 號:

DESC:

Φ43.5MMX5.0MMX0.5MM

日 期:

DATE:

2023/08/18

版 本:

Version:

A.0

擬制 PREPARED BY	審核 CHECKED BY	批准 APPROVED BY	客戶承認 CUSTOMER APPROVE
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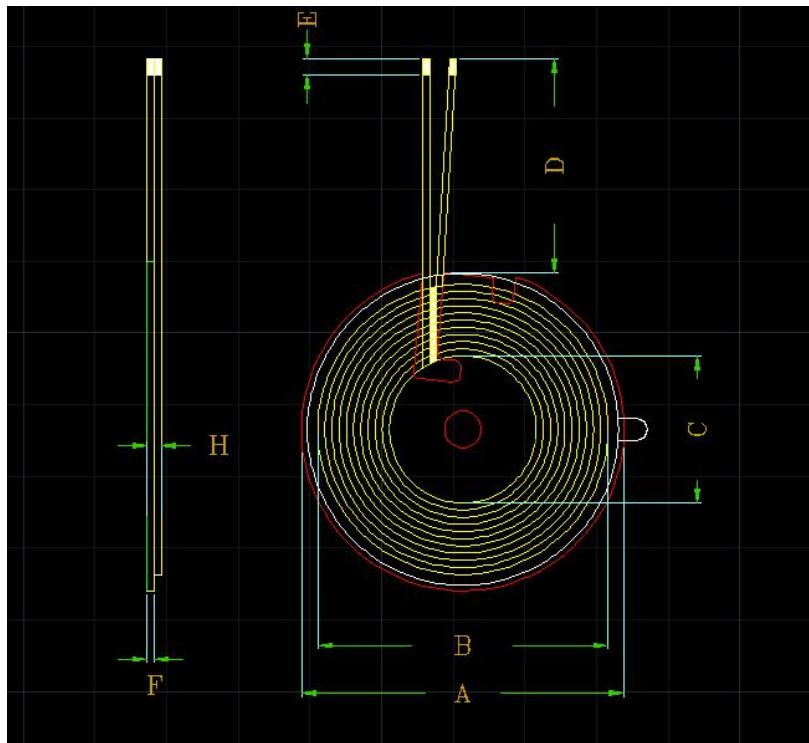
版本變更履歷

Version Change History

SPECIFICATION

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

一、尺寸 DIMENSION:(mm)

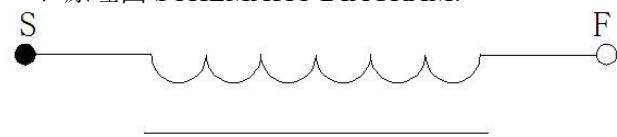


A	43.5 ± 0.5
B	$38.5.5 \pm 0.5$
C	20.5 ± 0.5
D	35 ± 2
E	3 ± 2
F	0.5 ± 0.1
H	1.3 ± 0.2

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 ± 0.5 mm, the inner hole is 5.3mm, and the thickness is 0.5 ± 0.1 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: $25 \pm 10^\circ\text{C}$, 湿度 RELATIVE HUMIDITY: $65 \pm 20\%$

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	$3.8\mu\text{H} \pm 10\%$ 单独线圈	100KHz/1.0V	LCZ METER 1062B
2	IND.	S-F	$6.5\mu\text{H} \pm 10\%$ 加磁片	100KHz/1.0V	LCZ METER 1062B
3	DCR	S-F	$\leq 60\text{m}\Omega$	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	$-20^\circ\text{C} \text{ --- } +105^\circ\text{C}$
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Storage temperature	-20°C — +70°C
擬制/日期 PREPARED BY/DATE	審核/日期 CHECKED BY/DATE
黃燕铭 2023/08/18	黃锦华 2023/08/18