

SPECIFICATION FOR APPROVAL

CUSTOMER: **Shenzhen Changzhuo electronic Technology Co., LTD**

CUST P/N:

FINE P/N: **G43.5-6.5uH single coil 0.08*24*2P*10TS**

DESC: **Φ 43.5MMX5.0MMX0.0.65MM**

DATE: **2023/05/09**

Version: **A.0**

PREPARED BY	CHECKED BY	APPROVED BY	CUSTOMER APPROVE
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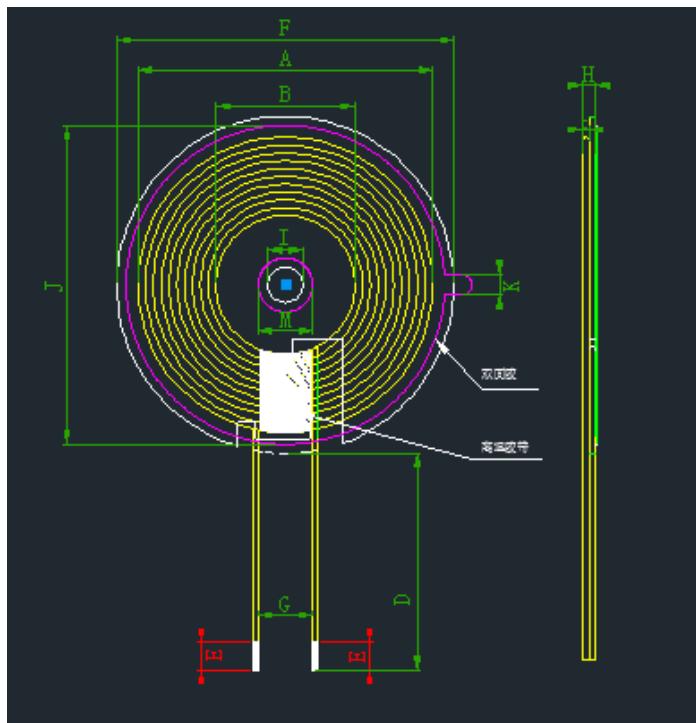
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Version Change History

SPECIFICATION

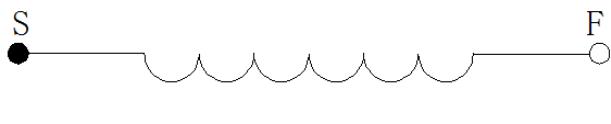
DESC	Φ 20.5x38.5-6.5uH-0.08x24X2P-40mm-43 .5C	Rev: A.0	CUST:	XXX
			CUST P/N:	

一、DIMENSION:(mm)



A	38.5 \pm 0.5
B	21 \pm 0.5
C	1.25 Max
D	40 \pm 2
E	3 \pm 2
F	43.5 \pm 0.5
G	8.0 ref
H	1.6 Max
I	5.3 ref
M	8.0 ref
J	42 \pm 1
K	3.0 \pm 1

二、 SCHEMATIC DIAGRAM:



Note:

1. Cross out wire;
2. Wrap 8mm(ref) width high-temperature adhesive paper 1-2Ts around the outlet position;
- 1.3. The coil is attached to the circular hard magnetic disc with groove and adhesive, the magnetic disc size is $43.5\pm0.5\text{mm}$, the inner hole is 5.3mm, and the thickness is $0.8\pm0.2\text{mm}$.

三、Winding Specification:

NO.	TERMINAL	WIRE	Turns	Winding Direction	
1	S	F	Self-adhesive enamelled wire 0.08*24* 2P	10Ts	CCW

四、ELECTRICAL CHARACTERISTICS:

TEMPERATURE:25±10 °C, RELATIVE HUMIDITY:65±20%

NO.	ITEM	TERMINAL	SPECIFICATION	TEST FREQUENCY	TEST EQUIPMENTS
1	IND.	S-F	3.8uH ±10% Individual coil	100KHz/0.25V	LCZ METER 1062B
2	IND.	S-F	6.5uH ±10% Magnetized sheet	100KHz/0.25V	LCZ METER 1062B
3	DCR	S-F	≤85m Ω	100KHz/0.25V	LCZ METER 502B
4	Q value	S-F	≥33	100KHz/0.25V	LCZ METER 502B

PREPARED BY/DATE

Huang Yanming May 09, 2023

CHECKED BY/DATE

Huang Jinhua May 09, 2023