

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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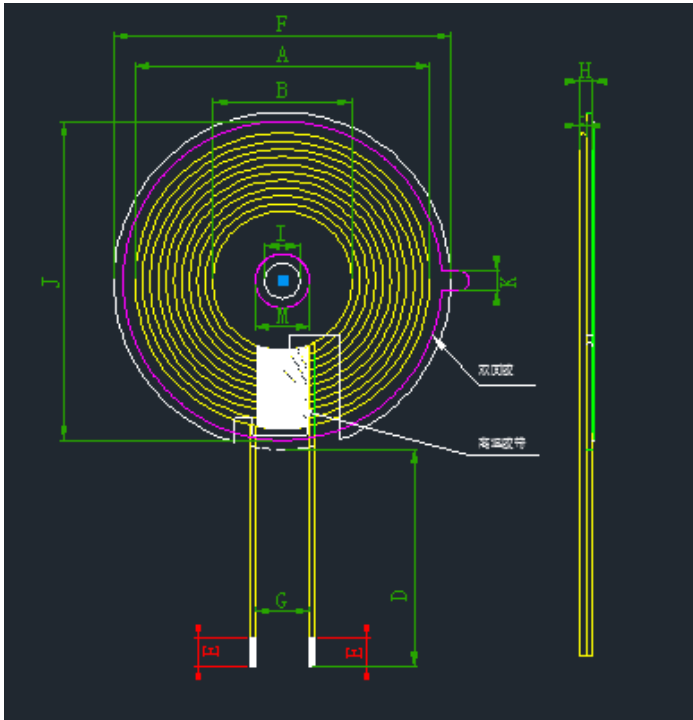
Version Change History

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SPECIFICATION

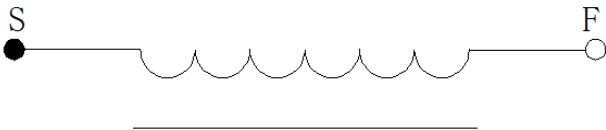
DESC	Φ 20.5x38.5-6.5uH-0.08x24X2P-40mm-43 .5C	Rev: A.0	CUST:	XXX
			CUST P/N:	

一、 DIMENSION:(mm)



A	38.5±0.5
B	21±0.5
C	1.25 Max
D	40±2
E	3±2
F	43.5±0.5
G	8.0 ref
H	1.6 Max
I	5.3 ref
M	8.0 ref
J	42±1
K	3.0±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±0.5mm, the inner hole is 5.3mm, and the thickness is 0.8±0.2mm.

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℃, 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	≤85mΩ	100KHz/0.25V	LCZ METER 502B
4	Q value	S-F	≥33	100KHz/0.25V	LCZ METER 502B

PREPARED BY/DATE	CHECKED BY/DATE
Huang Yanming May 09, 2023	Huang Jinhua May 09, 2023