

SPECIFICATION FOR APPROVAL

CUSTOMER:

Dongguan Aoyu Digital Technology Co., Ltd.

CUST P/N:

FINE P/N:

G511-6.5uH 0.08*105P*10TS

DESC:

Φ 50MMX5.0MMX0.8MM

DATE:

2022/11/14

Version:

A.0

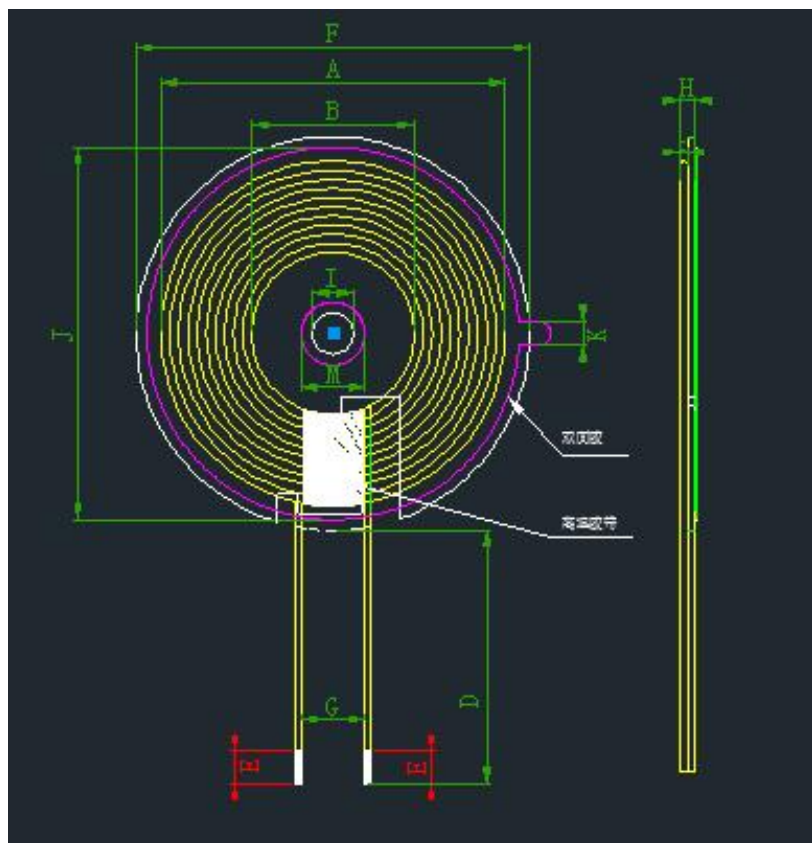
PREPARED BY	CHECKED BY	APPROVED BY	CUSTOMER APPROVE
HuangYanming	Ning Yuan'an	Huang Jinhua	

[illegible]

SPECIFICATION

DESC	Φ 20.5x43.5-6.5uH-0.08x105-40mm-50C	Rev: A.0	CUST:	XXX
			CUST P/N:	

1.DIMENSION:(mm)



A	$42.5.0 \pm 1$
B	20.5 ± 0.5
D	40 ± 2
E	3 ± 2
F	50 ± 1
G	10
H	2.2 ± 0.5
I	5.3 ± 0.5
J	48 ± 0.5
K	3max
M	8max

annotation:

1.Wrap 8mm (Ref)

high-temperature adhesive tape

1-2ts around the outgoing line;

2.The coil is pasted with round

hard magnetic piece with slot,

the size of magnetic piece is 50

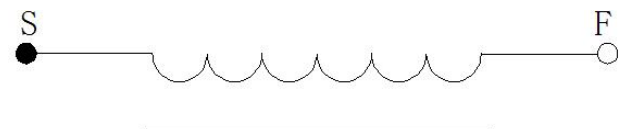
± 1 mm, the inner hole is

5.0mm, the thickness is $0.8 \pm$

0.2mm, and the back glue is

pasted;

2.SCHEMATIC DIAGRAM:



3.Winding Specification:

NO.	TERMINAL		WIRE	Turns	Winding Direction
1	S	F	0.08*105P	10Ts	CCW

4.ELECTRICAL CHARACTERISTICS:

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

NO.	ITEM	TERMINAL	SPECIFICATION	TEST FREQUENCY	TEST EQUIPMENTS
1	IND.	S-F	3.8uH ±20%Individual coil	100KHz/1.0V	LCZ METER 1062B
2	IND.	S-F	6.5uH ±10%Coil plus magnetic sheet	100KHz/1.0V	LCZ METER 1062B
3	Q	S-F	≥45	100KHz/1.0V	LCZ METER 502B
4	DCR	S-F	≤59m Ω	100KHz/1.0V	LCZ METER 502B

PREPARED BY/DATE	CHECKED BY/DATE
HuangYanming2022/11/14	Huang Jinhua2022/11/14