

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±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

± 1mm, the inner hole is

5.0mm, the thickness is 0.8 ±

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

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HuangYanming2022/11/14	Huang Jinhua2022/11/14