

## SPECIFICATION FOR APPROVAL

CUSTOMER: **Shenzhen Aodehong Electronic Technology Co., Ltd.**

CUST P/N:

FINE P/N: **G4511-6.5uH single-coil 0.08\*105P\*12TS**

DESC:

**Φ 43.5MMX5.0MMX0.8MM dual slot**

DATE:

**2022/11/01**

Version:

**A.0**

PREPARED BY	CHECKED BY	APPROVED BY	CUSTOMER APPROVE
黄燕铭	宁元安	黄锦华	

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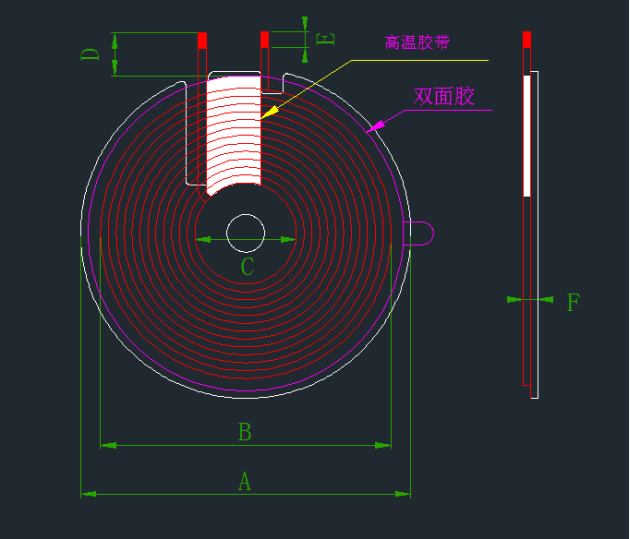
Rev.	Before Change	After Change	Change Date	Approved By
A.0	New issue	----	2018/07/24	黄锦华

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## SPECIFICATION

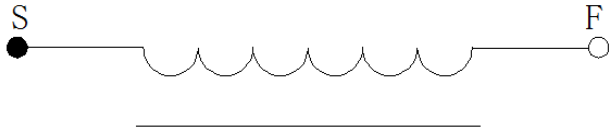
DESC	Φ	Rev: A.0	CUST:	XXX
	13.5x39-6.5uH-0.08x105P-20mm-43.5C		CUST P/N:	

一、 DIMENSION:(mm)



Operation Frequency	100-300KHz
Antenna Type	Loop coil antenna
Antenna gain:	0dBi
We statement that All measurements were performed radiated and therefore additional antenna gain documentation is not required.	

二、 SCHEMATIC DIAGRAM:



三、 Winding Specification:

NO.	TERMINAL		WIRE	Turns	Winding Direction
1	S	F	Wrapped wire 0.08*105P	12Ts	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 ±20% Individual coil	100KHz/1.0V	LCZ METER 1062B
2	IND.	S-F	6.5uH ±10% add magnetic plate	100KHz/1.0V	LCZ METER 1062B
3	Q value	S-F	≥55		
4	DCR	S-F	≤48m Ω		LCZ METER 502B

PREPARED BY/DATE	CHECKED BY/DATE
黄燕铭 2022/11/01	黄锦华 2022/11/01

Remark:

- 1.Cross over outgoing line;
- 2.Outgoing line position wrapping 8mm(ref)width high-temperature adhesive paper 1-2Ts;
- 3.Coil with circular hard magnetic plate and slot, Magnetic plate size:43.5±0.5mm,Inner hole:5.3mm,Thickness:0.8±0.2 mm, Adhesive.