

**SPECIFICATION FOR APPROVAL**

CUSTOMER: Shenzhen Aodehong Technology Co., Ltd.

CUST P/N: \_\_\_\_\_

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

DESC: Φ43.5MM X 5.0MM X 0.8MM Double Groove

DATE: Dec. 23, 2022

Version: A.0

PREPARED BY	CHECKED BY	APPROVED BY	CUSTOMER APPROVE
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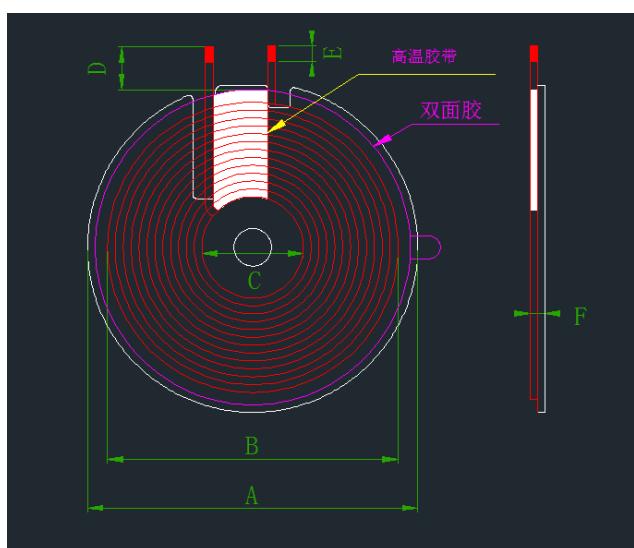
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## SPECIFICATION

DESC	$\Phi 20.5 \times 43-6.3\mu H-0.08 \times 105-15mm-45C$	Rev: A.0	CUST:	XXX
			CUST P/N:	

### 一、DIMENSION:(mm)

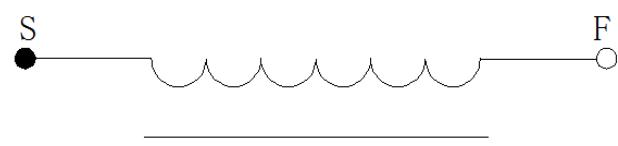


A	$43.5 \pm 0.5$
B	$39 \pm 1$
C	$13.5 \pm 0.5$
D	$15 \pm 2$
E	$3 \pm 2$
F	$2 \pm 2$

### Note:

1. Cross-line method;
2. Apply 8mm (ref) width heat-resistant adhesive tape at the line exit position for 1-2Ts;
3. Adhesive-coated circular hard magnetic sheet with slots, magnetic sheet size  $43.5 \pm 0.5mm$ , inner hole 5.3mm, thickness  $0.8 \pm 0.2mm$ , with back adhesive.

### 二、SCHEMATIC DIAGRAM:



### 三、Winding Specification:

NO.	TERMINAL	WIRE	Turns	Winding Direction
1	S F	Silk braided cable 0.08 * 105P	12Ts	CCW

### 四、ELECTRICAL CHARACTERISTICS:

TEMPERATURE:  $25 \pm 10^\circ C$ , RELATIVE HUMIDITY:  $65 \pm 20\%$

NO.	ITEM	TERMINAL	SPECIFICATION	TEST FREQUENCY	TEST EQUIPMENTS
1	IND.	S-F	$3.8\mu H \pm 20\%$ Single Coil	100KHz/1.0V	LCZ METER 1062B
2	IND.	S-F	$6.5\mu H \pm 10\%$ with magnetic sheet	100KHz/1.0V	LCZ METER 1062B
3	Q value	S-F	$\geq 55$		
4	DCR	S-F	$\leq 48m\Omega$		LCZ METER 502B

PREPARED BY/DATE

CHECKED BY/DATE

Huang Yanming Sept. 23, 2022	Huang Jinhua Sept. 23, 2022
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