

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: $\Phi 43.5\text{MM} \times 5.0\text{MM} \times 0.8\text{MM}$ Double GrooveDATE: **Dec. 23, 2022**Version: **A.0**

PREPARED BY	CHECKED BY	APPROVED BY	CUSTOMER APPROVE
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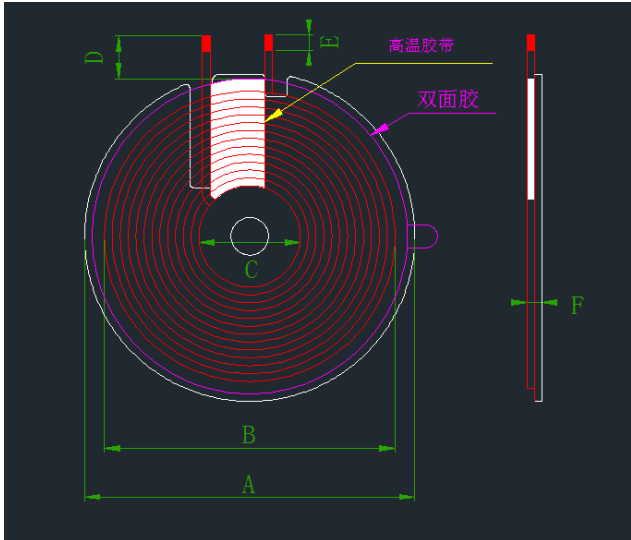
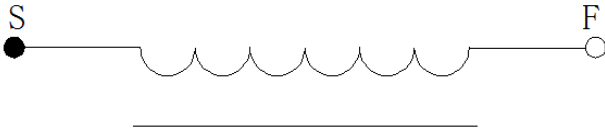
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SPECIFICATION

DESC	Φ 20.5x43-6.3uH-0.08x105-15mm-45C		Rev: A.0	CUST:	XXX	
				CUST P/N:		
一、DIMENSION:(mm)				A	43.5.0±0.5	
				B	39±1	
				C	13.5±0.5	
				D	15±2	
				E	3±2	
				F	2±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 ± 0.5mm, inner hole 5.3mm, thickness 0.8 ± 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±10°C, RELATIVE HUMIDITY:65±20%						
NO.	ITEM	TERMINAL	SPECIFICATION	TEST FREQUENCY	TEST EQUIPMENTS	
1	IND.	S-F	3.8uH ±20% Single Coil	100KHz/1.0V	LCZ METER 1062B	
2	IND.	S-F	6.5uH ±10% with magnetic sheet	100KHz/1.0V	LCZ METER 1062B	
3	Q value	S-F	≥55			
4	DCR	S-F	≤48mΩ		LCZ METER 502B	
PREPARED BY/DATE				CHECKED BY/DATE		

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