

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: **Φ43.5MMX5.0MMX0.8MM double-groove**DATE: **November, 1,2022**Version: **A.0**

PREPARED BY	CHECKED BY	APPROVED BY	CUSTOMER APPROVE
Yanming Huang	Yuanan Ning	Jinhua Huang	

Shenzhen Songdao Technology Co., LTD

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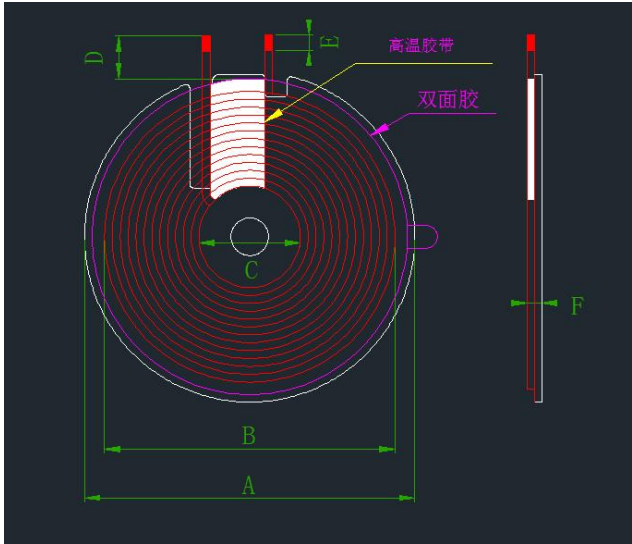
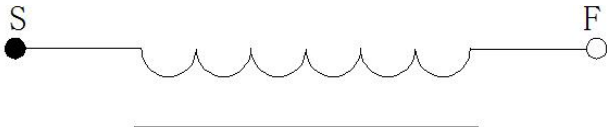
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Rev.	Before Change	After Change	Change Date	Approved By
A.0	New issue	----	July,24,2018	Jinhua

SPECIFICATION

DESC	Φ 13.5x39-6.5uH-0.08x105P-20mm-43.5C		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	20±2	
				E	3±2	
				F	2±0. 2	
				Notes:		
				1. Cross out the wire.		
				2. Wrap 8mm (ref) width high temperature adhesive paper 1-2Ts at the wire outlet position.		
				3. Coil paste round hard magnetic sheet with groove, magnetic sheet size 43.5±0.5mm, inner hole 5.3mm, thickness 0.8±0.2mm, adhesive backing.		
For phone: 113kHz-205kHz						
Antenna gain:0dBi						
二、 SCHEMATIC DIAGRAM:						
						
三、 Winding Specification:						
NO.	TERMINAL		WIRE	Turns	Winding Direction	
1	S	F	silk-covered wire 0.08*105P	12Ts	CCW	
四、 ELECTRICAL CHARACTERISTICS:						
TEMPERATURE:25±10℃, 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% +	100KHz/1.0V	LCZ METER 1062B	
3	Q	S-F	≥55			
4	DCR	S-F	≤48m Ω		LCZ METER 502B	
PREPARED BY/DATE				CHECKED BY/DATE		

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Yanming Huang November 1, 2022	Jinhua Huang November 1,2022
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