

SPECIFICATION FOR APPROVAL

FINE P/N:	G43.5*0.8-20.5-0.08*48P-10TS*6.5UH-L20MM+BJ
DESC:	Φ 43.5MMX0.8MM
DATE:	2023/07/17
Version:	A.0
Manufacturer	Shenzhen Freite Technology Co., LTD
Manufacturer Address	Room 908, Hongyuan Building, Baoyuan Road, Xixiang Street, Baoan District, Shenzhen

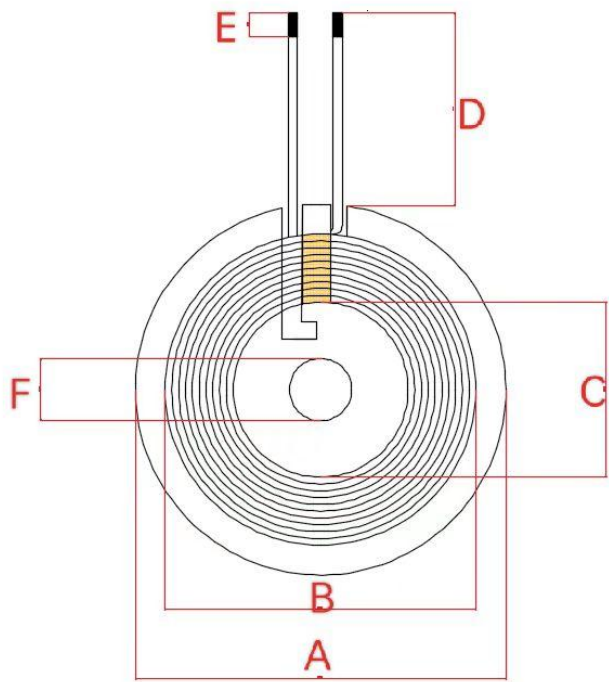
PREPARED BY	CHECKED BY	APPROVED BY	CUSTOMER APPROVE
He Licheng	Ma Li	Dan Keqing	

Version Change History

Rev.	Before Change	After Change	Change Date	Approved By
A.0	New	----	2023.07.17	Dan Keqing

SPECIFICATION

DESC	G43.5*0.8-20.5-*0.08*48P-10 TS*6.5UH-L20MM+BJ	Rev: A.0	CUST:		
			CUST P/N:		
1) DIMENSION:(mm)			A	43.5±0.3	
			B	38.5±0.5	
			C	20.5±0.5	
			D	20 ±2	
			E	3±2	
			F	5.3±0.2	
			G		



H	
I	
K	

Note:

1. Cross wire;

2. The coil is attached to the double-slot magnetic disc, the magnetic disc size is $43.5\pm0.5\text{mm}$, and the thickness is $0.8\pm0.05\text{mm}$.

3. Add gum on the back of the magnetic sheet

2) SCHEMATIC DIAGRAM:

3) WINDING SPECIFICATION:

NO.	TERMINAL		WIRE	Turns	Winding Direction
1	S	F	0.08*48P	10Ts	CCW

4) ELECTRICAL CHARACTERISTICS:

TEMPERATURE: $25\pm10^{\circ}\text{C}$,RELATIVE HUMIDITY: $65\pm20\%$

NO.	ITEM	TERMINAL	SPECIFICATION	TEST FREQUENCY	TEST EQUIPMENTS
1	IND.	S-F	$3.7\mu\text{H}\pm10\%$ Individual coil	100KHz/1.0V	LCZ METER 1062B
2	IND.	S-F	$6.5\text{H}\pm10\%$ with magnetic sheet	100KHz/1.0V	LCZ METER 1062B
3	DCR	S-F	$\leq 100\text{m}\Omega$		LCZ METER 502B

PREPARED BY/DATE	CHECKED BY/DATE
He Licheng / 2023.07.17	Dan Keqing /2023.07.17