

SPECIFICATION FOR APPROVAL

CUSTOMER:	海芯/Haixin
CUST P/N:	
FINE P/N:	Slotted hard magnetic watch coil 14.9-0.08*24-12T-7.8UH-L13MM+BJ
DESC:	Φ49.5MMX0.75MM
DATE:	2024/07/09
Version:	A.0

PREPARED BY	CHECKED BY	APPROVED BY	CUSTOMER APPROVE
He Licheng	Ma li	Dan keqing	

Dongguan Yinze Electronic Technology Co., Ltd.

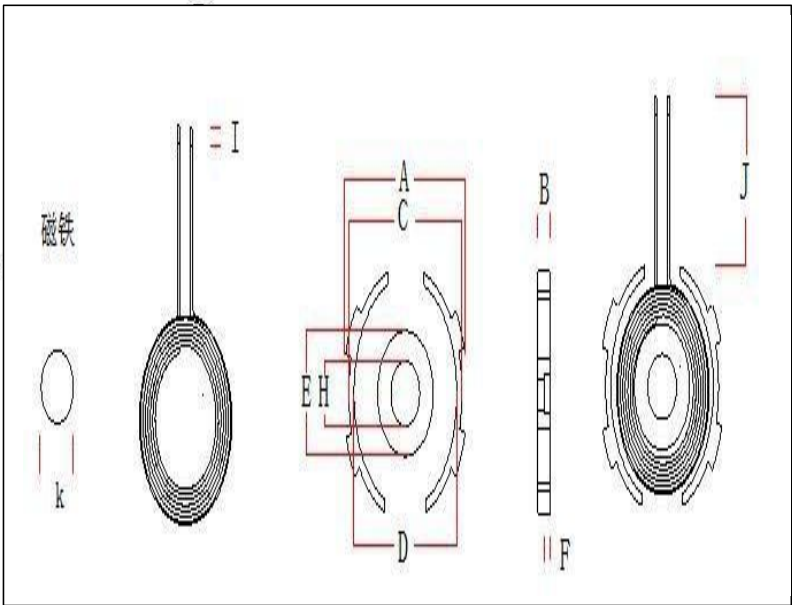
Factory Address: Room 901, Building 2, Chuangfu Center, Xinghan Road, Chashan Town, Dongguan
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SPECIFICATION

DESC	Slotted hard magnetic watch coil 14.9-0.08*24-12T-7.8UH-L13MM+BJ	Rev: A.0	CUST:	海芯
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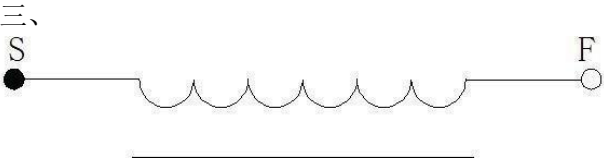
一、 DIMENSION:(mm)



A	24.5±0.5
B	2.7±0.5
C	23.7±0.25
D	21±0.5
E	14.5±0.3
H	8±0.3
I	2±1
J	13±2

Notes:
1.A magnetic sheet is attached to the coil. The sheet measures 25mm, is 2.7mm thick, and features a notch.
2.Standard double-sided tape with a pull tab is applied to the back of the magnetic sheet. The tape is circular with a diameter of 17mm (ref).

二、 原理图SCHEMATIC DIAGRAM:



NO.	TERMINAL		WIRE	Turns	Winding Direction
1	S	F	Silk-covered wire 0.08*24P	12TS	CCW

三、 Winding Specification:

四、 ELECTRICAL CHARACTERISTICS:

TEMPERATURE:25 ±10°C, RELATIVE HUMIDITY:65 ±20%

NO.	ITEM	TERMINAL	SPECIFICATION	TEST FREQUENCY	TEST EQUIPMENTS
1	IND.	S-F	4.7uH ±20%Separate coil	100KHz/1V	LCZ METER 1062B
2	IND.	S-F	7.8uH ±10% Add magnetic	100KHz/1V	LCZ METER 1062B
3	Q 值	S-F	≤4.5	100KHz/1V	LCZ METER 1062B
4	DCR	S-R	≤115mΩ		

				<u>SPECIFICATION</u>	
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numb er	Material name	Description	Manufactur er		
1	Hot air wire 0.08*24 strands	Hot air wire 0.08*24 strands			
2	Lead-free solder bar	Lead-free solder bar			
3	Magnetic sheet	Φ24.5*12.7mm Mn-Zn slotted hard magnetic sheet			
4	Adhesive	460Adhesive			
5					
6	Non-perforated double- sided tape	Round 17mm diameter (ref) adhesive backing			
:	DESC	Slotted Hard Magnetic Watch Coil-CLB	Rev: A.0	CUST:	海芯
				Fine P/N:	
				CUST P/N:	
PREPARED BY/DATE			CHECKED BY/DATE		
何立成/He Licheng 2024/07/09					