

## SPECIFICATION FOR APPROVAL

CUSTOMER:

CUST P/N:

FINE P/N:

**watch coil-8.1uH $\pm$ 10% 0.08\*24P\*12TS**

DESC:

DATE:

**2022/09/06**

Version:

**A.0**

PREPARED BY	CHECKED BY	APPROVED BY	CUSTOMER APPROVE
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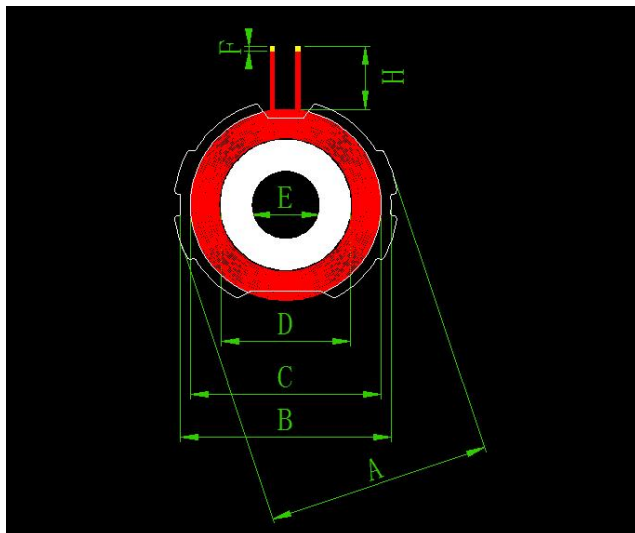
E-mail: [aming198204@163.com](mailto:aming198204@163.com)

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## SPECIFICATION

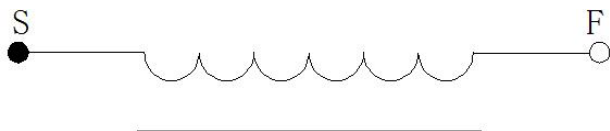
DESC	watch coi 15*21.5-8.1UH	Rev: A.0	CUST:	XXX
			CUST P/N:	

## 1.DIMENSION:(mm)



A	25 ± 1
B	23.6 ± 0.5
C	21.5 ± 0.5
D	14.5 ± 0.3
E	7.7 ± 0.05
F	3 ± 2
H	15 ± 2

## 2.SCHEMATIC DIAGRAM:



## annotation:

1.The coil is pasted with round hard magnetic pieces with notches at both ends. The size of the magnetic piece is  $25 \pm 1$ mm, the inner hole is 7.7mm, the thickness is  $2.8 \pm 0.2$ mm, and the back glue is pasted;  
 $2.7.5 * 2.0 \pm 0.2$ mm magnet,  
 3200gs  
 Ant gain: 0 dbi

## 3.Winding Specification:

NO.	TERMINAL		WIRE	Turns	Winding Direction
1	S	F	0.08*24P	12Ts	CCW

## 4.ELECTRICAL CHARACTERISTICS:

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

NO.	ITEM	TERMINAL	SPECIFICATION	TEST FREQUENCY	TEST EQUIPMENTS
1	IND.	S-F	$4.0\mu\text{H} \pm 10\%$ Individual coil	100KHz/1.0V	LCZ METER 1062B
2	IND.	S-F	$8.1\mu\text{H} \pm 5\%$ Coil plus magnetic sheet	100KHz/1.0V	LCZ METER 1062B
3	DCR	S-F	$\leq 110\text{m}\Omega$	100KHz/1.0V	LCZ METER 502B
4	Q	S-F	$\geq 40$	100KHz/1.0V	LCZ METER 502B

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HuangYanming2021/09/06	Huang Jinhua2021/09/06