

## SPECIFICATION FOR APPROVAL

CUSTOMER: \_\_\_\_\_

CUST P/N: \_\_\_\_\_

FINE P/N: **watch coil-8.1uH±10% 0.08\*24P\*12TS**

DESC: \_\_\_\_\_

DATE: **2022/09/06**Version: **A.0**

PREPARED BY	CHECKED BY	APPROVED BY	CUSTOMER APPROVE
Huang Yanming	Ning Yuan'an	Huang Jinhua	

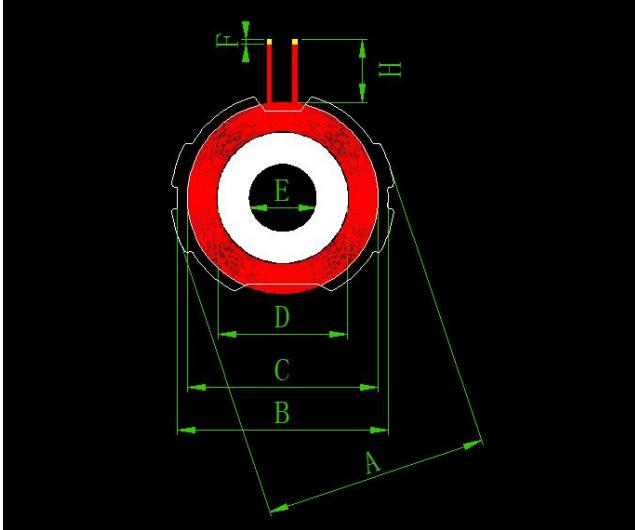
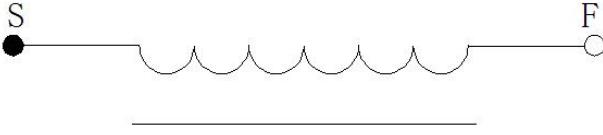
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## Version Change History

## SPECIFICATION

DESC	watch coi 15*21.5-8.1UH		Rev: A.0	CUST: CUST P/N:	XXX																									
1.DIMENSION:(mm)					<table border="1"> <tr><td>A</td><td>25±1</td></tr> <tr><td>B</td><td>23.6±0.5</td></tr> <tr><td>C</td><td>21.5±0.5</td></tr> <tr><td>D</td><td>14.5±0.3</td></tr> <tr><td>E</td><td>7.7±0.05</td></tr> <tr><td>F</td><td>3±2</td></tr> <tr><td>H</td><td>15±2</td></tr> <tr><td></td><td></td></tr> <tr><td></td><td></td></tr> <tr><td></td><td></td></tr> <tr><td></td><td></td></tr> <tr><td></td><td></td></tr> </table>		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										
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2.SCHEMATIC DIAGRAM:					<p>annotation:  1.The coil is pasted with round hard magnetic pieces with notches at both ends. The size of the magnetic piece is 25 ± 1mm, the inner hole is 7.7mm, the thickness is 2.8 ± 0.2mm, and the back glue is pasted; 2.7.5 * 2.0 ± 0.2mm magnet, 3200gs  Ant gain: 0 dbi</p>																									
3.Winding Specification:					<table border="1"> <thead> <tr> <th>NO.</th> <th>TERMINAL</th> <th>WIRE</th> <th>Turns</th> <th>Winding Direction</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>S F</td> <td>0.08*24P</td> <td>12Ts</td> <td>CCW</td> </tr> </tbody> </table>		NO.	TERMINAL	WIRE	Turns	Winding Direction	1	S F	0.08*24P	12Ts	CCW														
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1	S F	0.08*24P	12Ts	CCW																										
4.ELECTRICAL CHARACTERISTICS:																														
TEMPERATURE:25±10°C, RELATIVE HUMIDITY:65±20%																														
NO.	ITEM	TERMINAL	SPECIFICATION	TEST FREQUENCY	TEST EQUIPMENTS																									
1	IND.	S-F	4.0uH ±10% Individual coil	100KHz/1.0V	LCZ METER 1062B																									
2	IND.	S-F	8.1uH ±5%Coil plus magnetic sheet	100KHz/1.0V	LCZ METER 1062B																									
3	DCR	S-F	≤110mΩ	100KHz/1.0V	LCZ METER 502B																									
4	Q	S-F	≥40	100KHz/1.0V	LCZ METER 502B																									

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