

SPECIFICATION FOR APPROVALCUSTOMER: **Dongguan Kafulle Electronics Co., LTD**

CUST P/N:

FINE P/N: **iphone Watch transmitter coil8.1UH 0.08*24P*14Ts
soft magnetic**

DESC:

DATE: **November 8, 2022**Version: **A.0**

PREPARED BY	CHECKED BY	APPROVED BY	CUSTOMER APPROVE
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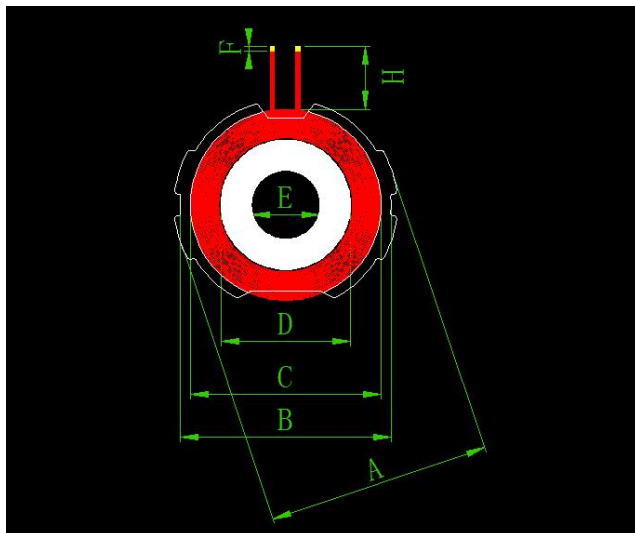
Version Change History

[illegible]

SPECIFICATION

DESC	15*21.5-8.1UH-8MM-25C	Rev: A.0	CUST:	XXX
			CUST P/N:	

一、 DIMENSION:(mm)

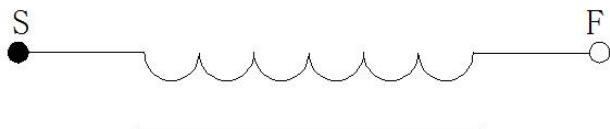


A	25±1
B	23.6±0.5
C	21.5±0.5
D	14.5±0.3
E	7.7±0.05
F	3±2
H	8±2

For watch: 300kHz-350kHz

Antenna gain:0dBi

二、 SCHEMATIC DIAGRAM:



Notes:

1. Crossing out the line.
2. Out of the line position wrapped mm (ref) width of high-temperature adhesive paper Ts.
- 3.coil paste round soft magnetic sheet with notch at both ends, magnetic sheet size 25 ± 1 mm, inner hole 7.7mm, thickness 2.8 ± 0.2 mm.
- 4.Installation of 7.5 * 2.2mm, N52 magnet, paste the backing.

三、 Winding Specification:

NO.	TERMINAL		WIRE	Turns	Winding Direction
1	S	F	enameled wire 0.08*24P	14Ts	CCW

四、 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	$4.0\mu\text{H} \pm 10\%$ single coil	1KHz/0.3V	LCZ METER 1062B
2	IND.	S-F	$8.1\mu\text{H} \pm 10\%$ single coil	1KHz/0.3V	LCZ METER 1062B
3	DCR	S-F	$\leq 137\text{m}\Omega$	1KHz/0.3V	LCZ METER 502B
4	Q	S-F	≥ 25	1KHz/0.3V	LCZ METER 502B

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Yanming Huang November 8, 2022	Jinhua Huang November 8, 2022