

SPECIFICATION FOR APPROVAL

CUSTOMER:

CUST P/N:

FINE P/N:

Watch transmitter **7.8UH 0.08*24P*11TS**

DESC:

DATE:

2024/05/30

Version:

A.0

PREPARED BY	CHECKED BY	APPROVED BY	CUSTOMER APPROVE
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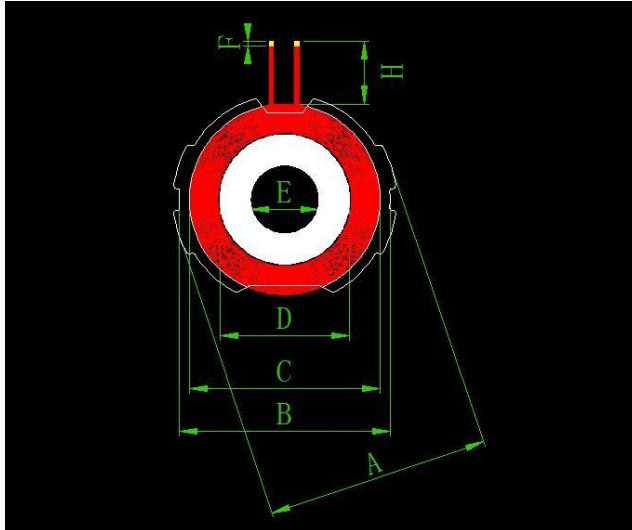
Version Change History

[illegible]

SPECIFICATION

DESC	Apple wireless charging transmitter coil 15*21.5-7.8UH	Rev: A.0	CUST:	XXX
			CUST P/N:	

一、 DIMENSION:(mm)

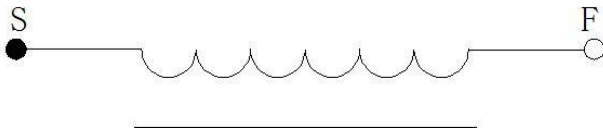


A	24.5±0.5
B	23.7±0.5
C	21.5±0.5
D	14.5±0.3
E	7.7±0.05
F	3±2
H	35±2

Note:

- 1.Cross the outgoing wires.
- 2.Wrap high-temperature tape Ts with a width of [mm (ref)] around the wire outlet.
3. Magnetic sheet: diameter 24.5±0.5mm, Inner holediameter7.7mm,Thickness 2.6±0.2mm
- 4.Use N52 magnets sized 7.5*2.2mm with adhesive backing.

二、 SCHEMATIC DIAGRAM:



三、 Winding Specification:

NO.	TERMINAL		WIRE	Turns	Winding Direction
1	S	F	0.08*24P	11Ts	CCW

四、 ELECTRICAL CHARACTERISTICS:

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

NO.	ITEM	TERMINAL	SPECIFICATION	TEST FREQUENCY	TEST EQUIPMENTS
1	IND.	S-F	3.7uH ±20% Single coil	100KHz/0.25V	LCZ METER 1062B
2	IND.	S-F	7.8 uH ±20% Single coil	100KHz/0.25V	LCZ METER 1062B
3	DCR	S-F	≤125mΩ	100KHz/0.25V	LCZ METER 502B
4	Q	S-F	≥35	100KHz/0.25V	LCZ METER 502B

Adapt to the environment

Parameter

Value

Operating temperature

-20℃ — +70℃

Storage temperature

-20℃ — +70℃

PREPARED BY/DATE	CHECKED BY/DATE
黄燕铭 2024/05/30	黄锦华 2024/05/30