



Shenzhen Shenguang Electronic Technology Co.,LTD

Add: No. 1165, Guangsheng Road, Guanlan Subdistrict, Longhua District, Shenzhen City

Client

TYPE

Watch coil

Model NO

0.08*24p*13TS-8MM-7.4-7.9uH

Part numbering

Client p/NO

Enginrer NO

TQE 1800510003

Date

July 14, 2025

For Enginer Departner Only	
Rrvised Content	APProved Date

Prepared

Checked

Approved

XieYanQi

DuanJiaWang

XieXiaoZai

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Enginrer	QC APProved	APProved



一、 Winding Procese:

NO	winding	guage	number of windings	direction of winding	Note
1	N1	2UEW-B-0.08*24p	13TS	CCW	
2					

二. FEATURES:

1. Test conditions: 25°C,65%RH@100KHz/1V

1.1 Inductance

1.11 L0A (Single coil) =3.8uH±20%

1.12 L0A(Coil + Magnetic Plate)=7.4-7.9uH

1.2 Q=15MIN

1.3 DCR: 145mΩ MAX

1.4 Operating Temperature: -25°C~85°C

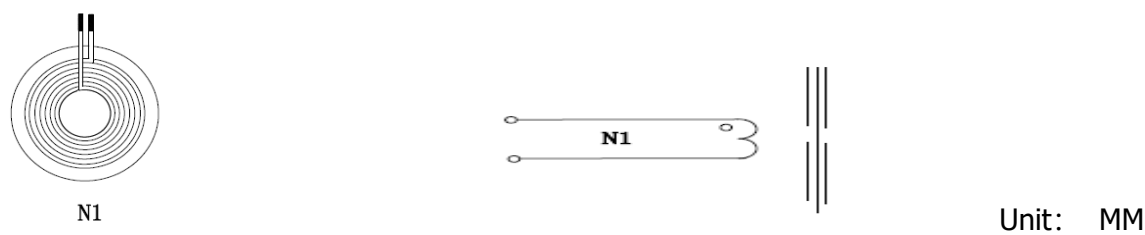
2.Test instrument: **L:** CH1068+1310; **DCR:** 502BC; **SIZE:** Callipers

3. Material List

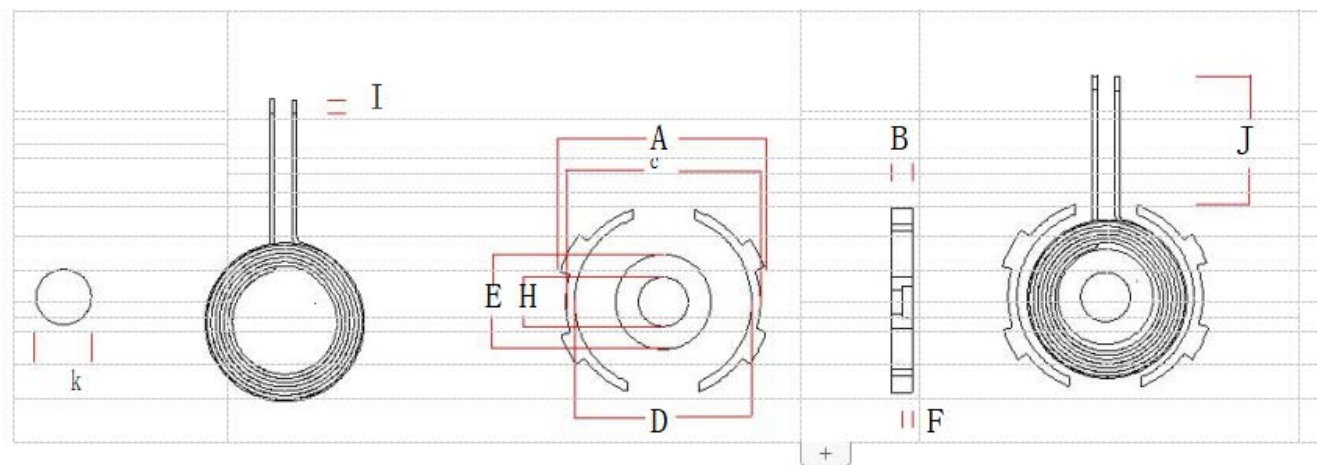
NO	Item	Material
1	WIRE	φ 0.08*24p 2UEW
2	FERRITE	G25 Soft Magnetic Material
3	GLUE	White Glue BY882
4	SOLDER	XCD-907B
5	Adhesive	double-sided adhesive
6	Magnetism	7.5 * 2.5 (with strength greater than 3000 GS)
7		



三. CIRCUIT DIAGRAM



四. OUTSIDE DIAGRA



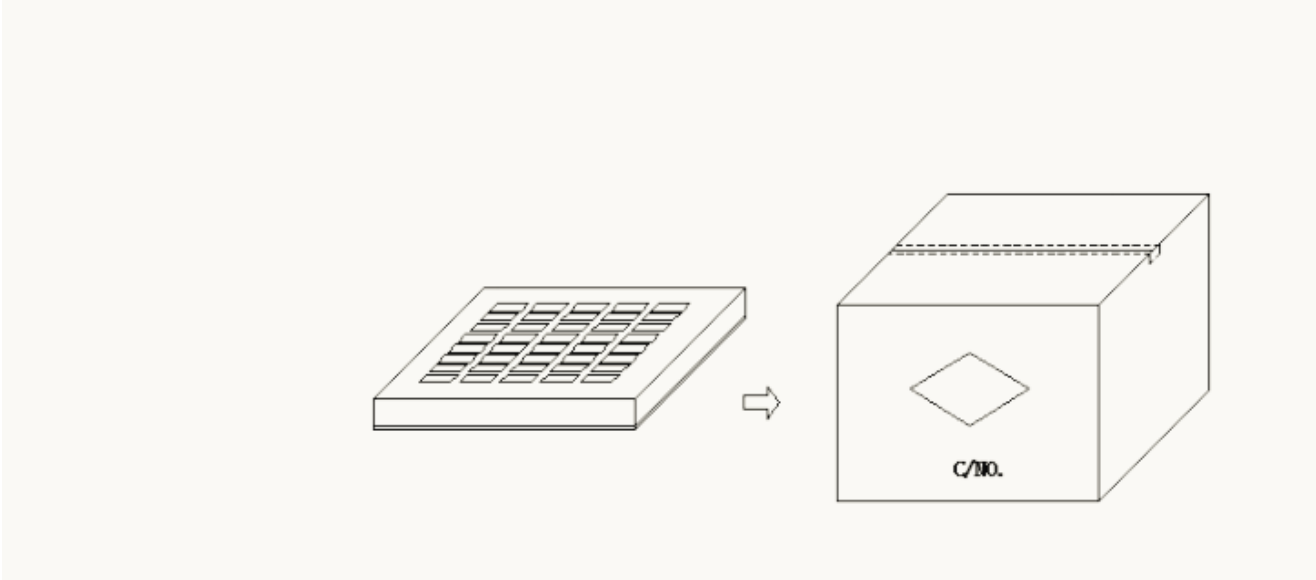
	A	B	C	D	E	F	H	I	J	K
STD	24.5±0.5	2.7±0.2	23.7±0.4	20.5min	13.5±0.3	2.3±0.25	7.5±0.3	1±1	8±2	7.5x2.5

Unit: MM



五. PACKAGE

5.1 Packing Picture:



5.2 Packing Quantity

Item	Quantity	Material
Box	200PCS	345*240*30 MM
Big Carton	800 PCS	360*250*140 MM

5.3 The packaging shall be based on the exusting packing plate and the actual delivery package shall prevail .If there is any requirement,we can customize it.



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六、Storage and Use condition

6.1 Storage condition

6.1.1 Recommended keeping conditions: $-25^{\circ}\text{C} \sim 85^{\circ}\text{C}$, 70%RH (Max.)

6.1.2 Storage life : Within the limits of six months from being produced.

6.2 Use condition

Use condition limit: $T=-25^{\circ}\text{C} \sim 85^{\circ}\text{C}$, $\text{RH} \leq 90\%$.