

No. 603B, Building 1, 1st, 2nd, 4th and 5th floors, Yuehua Industrial Zone, No. 2, Yuehua Road, Meilin Street, Futian District, Shenzhen City

TYPE	Wireless charging transmitting coil: 6.5UH
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Enginrer NO MC131---190-0387-0-000

Date June 23, 2025

For Engineer Departner Only	
Rrvised Cintent	APProved Date
	

Liu Chengzhao

Shenzhen Taichengda Fang Electronic Technology Co., Ltd.

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Authorized Signaturure Company Chop		
Enginrer	QC APProved	APPproved

一、 Winding Procese:

NO	winding	guage	number of windings	direction of winding	Note
1	N1	2UEW-B-0.08*24*2P	10TS	CCW	
2					

二、 FEATURES:

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

1.1 Inductance

1.2 L0A=6.5uH±5%

1.3 Q Value= 35 MIN

1.4 DCR: 89 mΩ ±5%

1.5 Operating Temperature: -25°C~85°C

2. Test instrument: **Tong Hui TH2830**

3. bill of materials

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NO	Item	materials
1	WIRE	φ 0.08*24*2P 2UEW-
2	FERRITE	43.5 * 5.3 * 0.8 L-shaped double-slot, perforated ferrite hard magnetic, double-sided adhesive on both sides, with backside coating
3	GLUE	Water-based white glue
4	SOLDER	HQ-996/JS-996
5	Tin	Kanjiro Pure Tin
6	High temperature adhesive	Apply 8MM heat-resistant adhesive tape
7		NTC 25@100K ±1% L=65mm 3950K red enamel wire Tin coating length 1-2mm Probe maximum 1.8mm WKT

三. CIRCUIT DIAGRAM

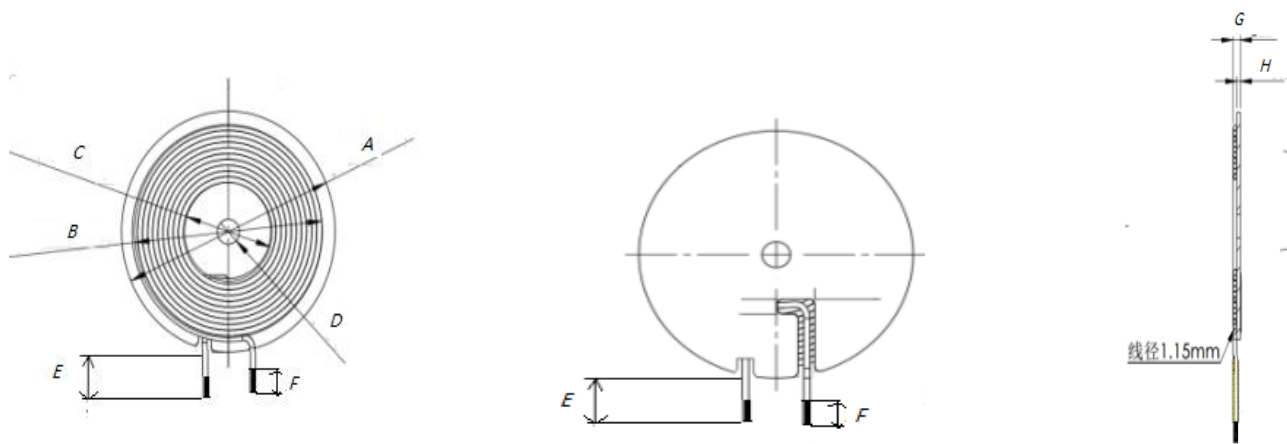


Unit: MM

四. OUTSIDE DIAGRA

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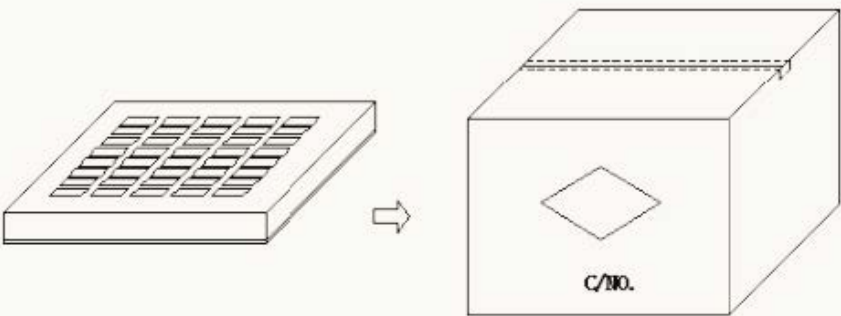
Note: The spacing between the outlet positions is 8MM, using hot glue tape. The width of the inclined slot outlet is 3-5MM. The leads are covered with sleeves, and the coil holes are equipped with NTC.

	A	B	C	D	E	F	G
ST	43.5±	39±1	20±0.5	5.3±0.5	45±2	3±1	1.7-0.2
D	0.5						

Unit: MM

五. PACKAGE

5.1 Packing pictures:



5.2 Packing Quantity:

Item	Quantity	Material
Box	350 Pcs	345*330*50 mm
Big Carton	1750 Pcs	360*340*280 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.

六、 Storage and Use condition

6.1 Storage condition: Recommended keeping conditions: -25°C ~85°C, 70%RH (Max.)

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

6.3 Use condition: Use condition limit: T=-25°C~85°C, RH≤ 90%.