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client

Shenzhen Echarger technology Co., LTD.

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TYPE

Wireless charging and transmitting coils

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Model NO

A11

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Date

2024.6.5

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## 1.Winding Procese:

NO	winding	Specifications	Number of turns	Winding direction	remark
1	N1	2UEW-B-0.08*24*2P	12TS	CCW	
2					

## 2. FEATURES:

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

1.1 Inductance

1.11 L0A(Coil + magnetic sheet)=7.0uH±5%

1.2 Q =50MIN

1.3 DCR: 60mΩ MAX

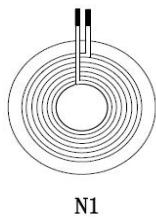
1.4 Operating Temperature: -25°C~85°C

2.Test instrument: L:Chuangda1068+1310;DCR:502BC;SIZE:Callipers

### 3.Bill of Materials

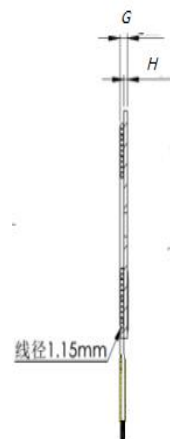
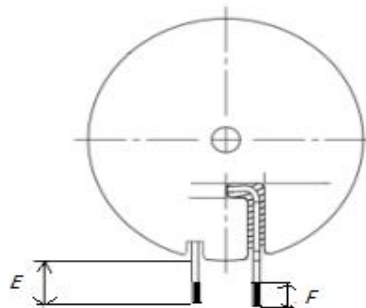
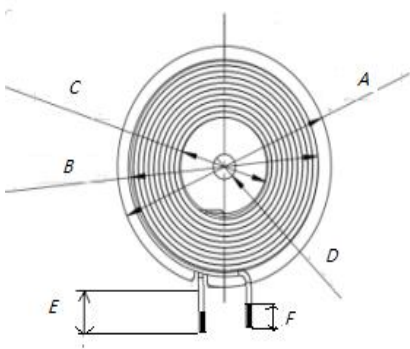
N O	project	material
1	WIRE	φ 0.08*24*2p 2UEW-
2	FERRITE	43.5*8*0.8 L
3	GLUE	Water-based white glue
4	SOLDER	HQ-996/JS-996
5	Tin	Pure Tin
6	High temperature adhesive	5MMHigh temperature tape
7		
8		

### 3. CIRCUIT DIAGRAM



Unit: MM

### 4. OUTSIDE DIAGRA



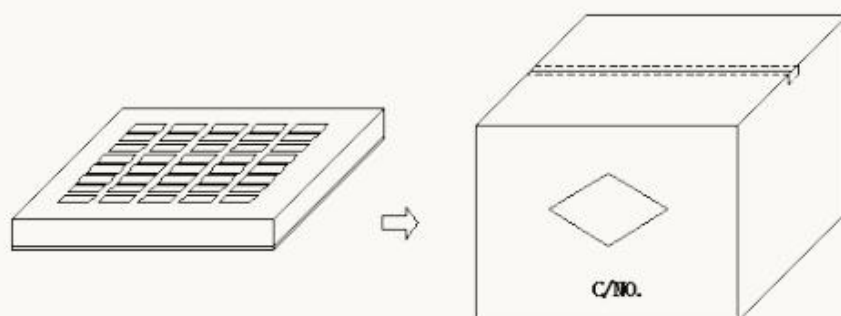
	A	B	C	D	E	F	G	
STD	43.5±0.5	38.5±0.5	14±0.2	8±0.2	40±2	3±1	1.8±0.3	

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Unit: MM

## 5.PACKAGE

### 5.1 包装图片 Packing pictures:



### 5.2

*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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## 6、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:  $T=-25^{\circ}\text{C} \sim 85^{\circ}\text{C}$ ,  $\text{RH} \leq 90\%$ .