

Shenzhen Ruitong thousand industry technology Co., LTD

Ciient

TYPE

A11 Wireless charging transmitter coil

Model NO

G41.5*0.6 double-slot perforated back rubber cable length 43MM

Product number

Part numbering systey

Customer part number

Cient p/NO

Enginrer NO

Date

Aug. 15, 2024

For Enginer Departner Only	
Rvised Cintent	APProved Date

Prepared

Wan Jimei

Checked

Wan Jimei

Approved

Liu Chengzhao

Authorized Signaturure Company Chop		
Enginrer	QC APProved	APProved

一、 Winding Procese:

NO	Winding	Wire gauge	Number of turns	Winding direction	Remark
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

1.11 L0A (Individual coil) =3.8uH±5%

1.12 L0A(Coil + diskette)=6.5uH±5%

1.2 Q value =45MIN

1.3 DCR: 60mΩ MAX

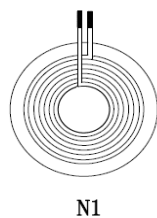
1.4 Operating Temperature: -25℃~85℃

2. Test instrument: L: Chuangda 1068+1310;**DCR**:502BC;**SIZE**:Callipers

3. Bill of materials

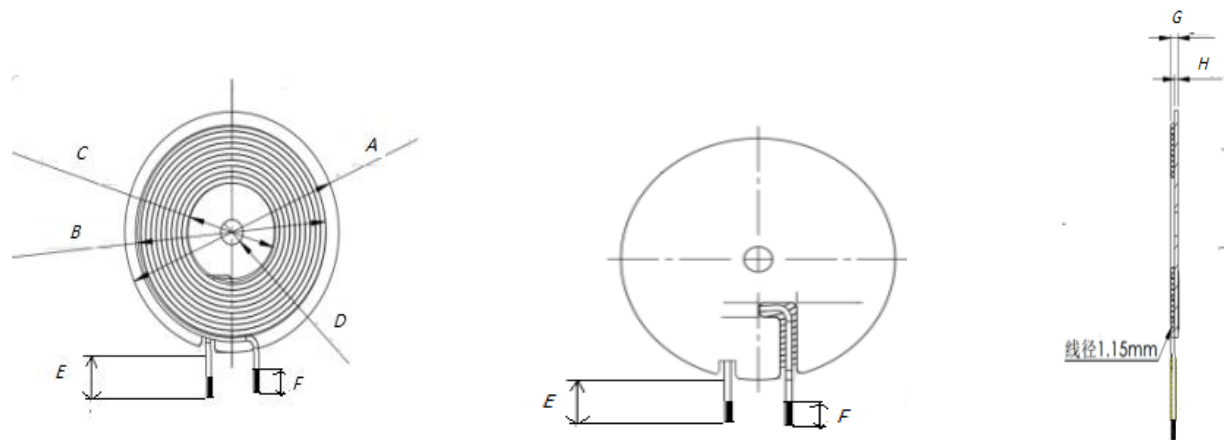
N O	Item	Materials
1	WIRE	φ 0.08*24*2p 2UEW-
2	FERRITE	41.5*5*0.6Ltype double slot porous ferrite hard magnetic reverse adhesive
3	GLUE	Water-based white glue
4	SOLDER	HQ-996/JS-996
5	Tin	Thousand Island tin
6	High temperature adhesive	8MM high temperature tape
7		
8		

三. CIRCUIT DIAGRAM



unit: MM

四. OUTSIDE DIAGRA



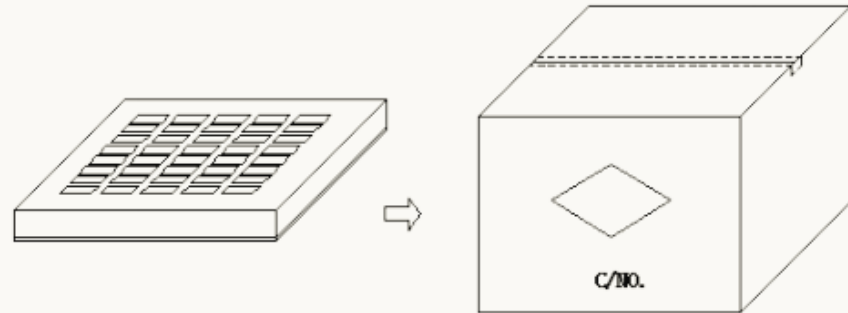
Note: Wrap 5MM (ref) high-temperature adhesive paper around the coil outlet position, and attach double-sided adhesive on the back of the magnetic disc.

Standard	A	B	C	D	E	F	G	
STD	41.5±0.5	39±0.5	20.5±0.2	5±0.2	43±2	3±1	1.6±0.2	

unit: MM

五. PACKAGE

5.1 包装图片 Packing pictures:



5.2 包装数量及规格 Packing Quantity:

项目 Item	数量 Quantity	材料规格 Material
盒 Box	350 Pcs	345*330*50 mm
箱 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

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