

Shenzhen Ruitong Qianye Technology Co., Ltd.

Cient : _____

TYPE : A11-6.3UH Ultra-Thin Wireless Charging Transmit Coil

Model NO G43.5*0.8 double groove with hole 20 long back adhesive

Cient p/NO _____

Enginrer NO _____

Date 2025/12/22

For Enginer Departner Only	
Rvised Cintent	APProved Date

Prepared
Wan Jimei

Checked
Wan Jimei

Approved
LIU.R

Authorixed Signaturure Company Chop		
Enginrer	QC APProved	APProved

— Winding Procese:

NO	Winding	Copper wire specifications	Turns	Winding direction	Note
1	N1	2UEW-B-0.08*105	12TS	CCW	
2					

二. FEATURES:

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

1.1 Inductance

1.11 L0A (ngle coil) =3.8uH±20%

1.12 L0A (Coils and magnetic disks) =6.5uH±10%

1.2 QValue=50MIN

1.3 DCR: 60mΩ MAX

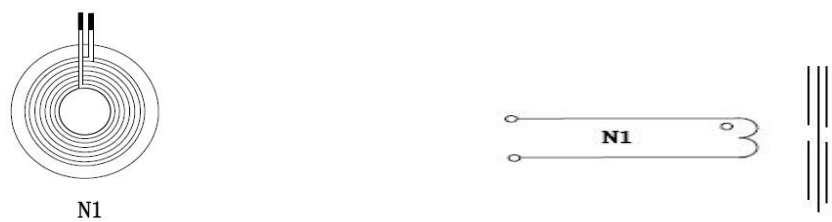
1.4 Operating Temperature: -25°C~85°C

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

3.BOM

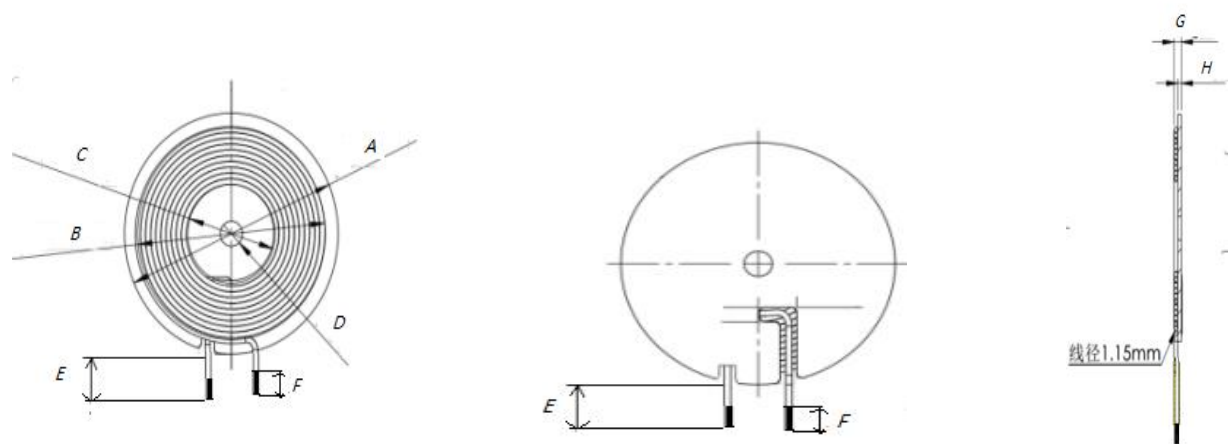
NO	Project	Material
1	WIRE	φ 0.08*24*2p 2UEW-
2	FERRITE	43.5*5.3*0.8 L-shaped dual-slot perforated ferrite hard magnet double-sided tape
3	GLUE	Water-based white glue
4	SOLDER	HQ-996/JS-996
5	Tin	Chian Island Pure Tin
6	High temperature adhesive	8MM mperature tape
7		
8		

三. CIRCUIT DIAGRAM



unit: MM

四. OUTSIDE DIAGRA



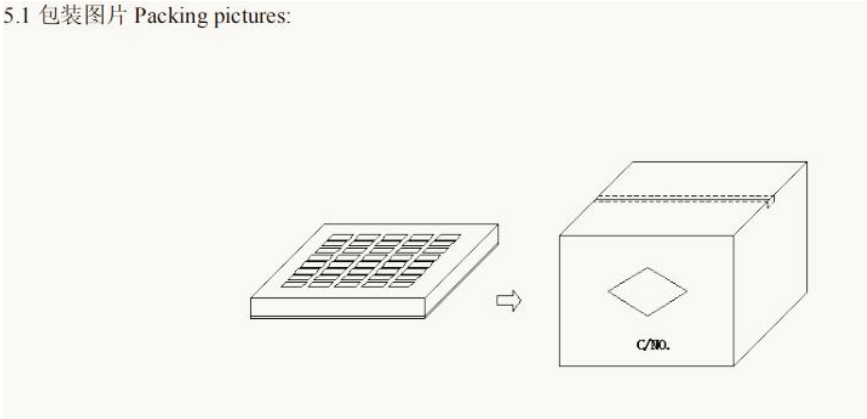
Note: Wrap 8mm (ref) high-temperature tape around the wire exit position of the coil, and apply double-sided adhesive to the back of the magnet piece.

Standard	A	B	C	D	E	F	G	
STD	43.5 ±0.5	39.5± 0.5	13.9±0.3	5.3±0.5	20±2	3±1	2.2±0.3	

Unit: MM

五. PACKAGE

5.1 包装图片 Packing pictures:



5.3 *The packaging shall be based on the existing 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: $T=-25^{\circ}\text{C} \sim 85^{\circ}\text{C}$, $\text{RH} \leq 90\%$.