

Shenzhen Ruitong Qianye Technology Co., Ltd.

Manufacturer RichGo Technology(ShenZhen) Co.,Ltd.

Address 2103, Zhongliang Ziyun Building, District 22, Lingzhiyuan Community, Xin' an Street, Bao' an District, Shenzhen, China.

TYPE Wireless charging transmitter coil

Model NO Transparent coil G42.7*2.0, wire length 20MM, adhesive backing and casing

Product number Part numbering systey

Cient p/NO

Project Number

Enginrer NO

日期/Date October 16, 2023

本公司工程部/For Enginer Departner Only	
修改内容/Rvised Cintent	认可日期/APPproved Date

编制/Prepared

审核/Checked

认可/Approved

Wan Jimei

Wan Jimei

Liu Chengzhao

客户认可回签/Authorixed Signaturure Company Chop		
工程/ Enginrer	认可/QC APPproved	认可日期/APPproved

一、线圈工艺/Winding Procese:

NO	winding	Wire gauge	Number of turns	Winding direction	Remark
1	N1	2UEW-B-0.08*80*	10TS	CCW	
2					

二. 电气性能/FEATURES:

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

1.1 电感量 (Inductance)

1.11 L0A (单独线圈(separate coil) =3.6uH±20%

1.12 L0A(线圈+磁片 Coil + magnetic piece)=6.2uH±10%

1.2 Q 值 Q value =50MIN

1.3 直流电阻 DC Resistance (DCR) : 80mΩ MAX

1.4 工作温度(Operating Temperature): -25°C~85°C

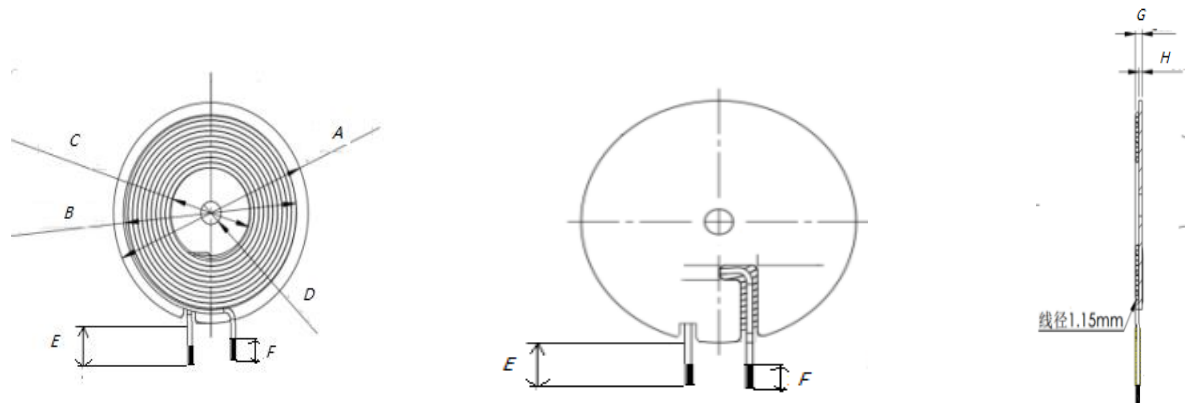
2.测试仪器(Test instrument): **L**:1068+1310;**DCR**:502BC;**SIZE**:Callipers

3.材料清单 Material list

N O	project	Material
1	WIRE	φ 0.08*80 2UEW-
2	FERRITE	42.7**0.8 L-shaped double slot with holed ferrite hard magnetic back double-sided tape
3	GLUE	Water-based white glue
4	SOLDER	HQ-996/JS-996
5	Tin	Qiandao pure tin
6	High temperature adhesive	
7		
8		

四. 外形图/OUTSIDE DIAGRA

Unit: MM



注：线圈中心贴 20.3MM 垫子，磁片背面贴双面背胶。

Note: A 20.3MM mat is attached to the center of the coil, and double-sided adhesive tape is attached to the back of the magnetic sheet.

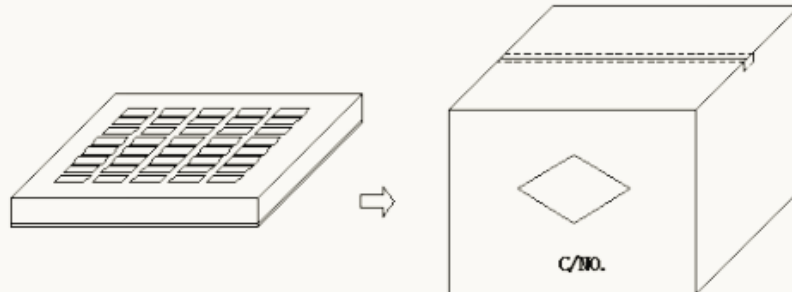
standard	A	B	C	D	E	F	G	
STD	42.7±0.3	39.5±0.3	20.5±0.5	5.3±0.5	20±2	3±1	2.0±0.2	

Antenna Gain:Only radiated measurements are used to show compliance with FCC limits for fundamental and spurious emissions.

Unit: MM

五. 包装/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 包装以现有包装盘为参照标准，以实际出货包装为准，如有特殊要求可定制。

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、贮存和使用条件 Storage and Use condition

6.1 贮存条件 Storage condition

6.1.1 建议贮存条件：温度 $-25^{\circ}\text{C} \sim 85^{\circ}\text{C}$ ，湿度 70% (Max.)

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

6.1.2 贮存期限：自生产之日起六个月内

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

6.2 使用条件 Use condition

使用条件限制：温度 $=-25^{\circ}\text{C} \sim 85^{\circ}\text{C}$ ，湿度 $\leq 90\%$

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