

Shenzhen Ruitong Qianye Technology Co., Ltd.

客户/Ciient Shenzhen Ruitong Qianye Technology Co., Ltd.

地址/Address 301, No. 30 Xincheng Road, Xinzhuang Community, Matian Street,
Guangming District, Shenzhen

名称/TYPE A11 Wireless charging transmitter coil

产品型号 Model NO G43.5*0.8 Double slot perforated back adhesive thread length
25MM/0.08*105

产品编号 Product number Part numbering system

日期/Date May 17, 2024

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

编制/Prepared 万纪美 审核/Checked 万纪美 认可/Approved 刘成昭

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

一、 线圈工艺/Winding Procese:

NO	winding	Wire gauge	Number of turns	Winding direction	Remark
1	N1	2UEW-B-0.08*105P	12TS	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) =3.8uH±20%

1.12 L0A(线圈+磁片)=6.5uH±10%

1.2 Q 值=90MIN

1.3 直流电阻 (DCR) : 60mΩ MAX

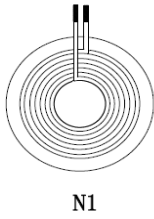
1.4 工作温度(Operating Temperature): -25°C~85°C

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

3.材料清单

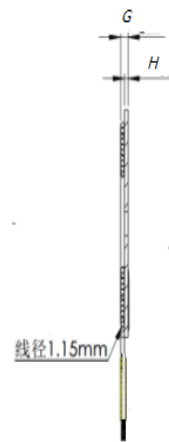
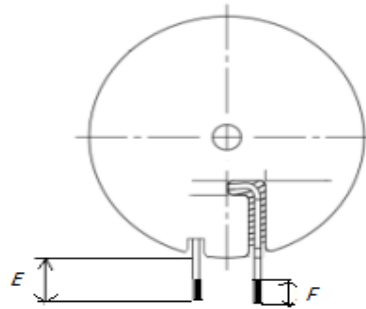
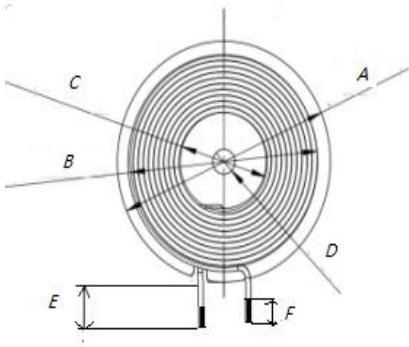
NO	item	Material
1	WIRE	φ 0.08*105p 2UEW-
2	FERRITE	43.5 * 5 * 0.8 L-shaped double slot perforated ferrite hard magnetic double-sided adhesive tape on the back
3	GLUE	Water-based white glue
4	SOLDER	HQ-996/JS-996
5	Tin	Thousand Island Pure Tin
6	High temperature adhesive	8MMHigh temperature tape
7		
8		

三. 电路图/CIRCUIT DIAGRAM



单位: MM

四. 外形图/OUTSIDE DIAGRA



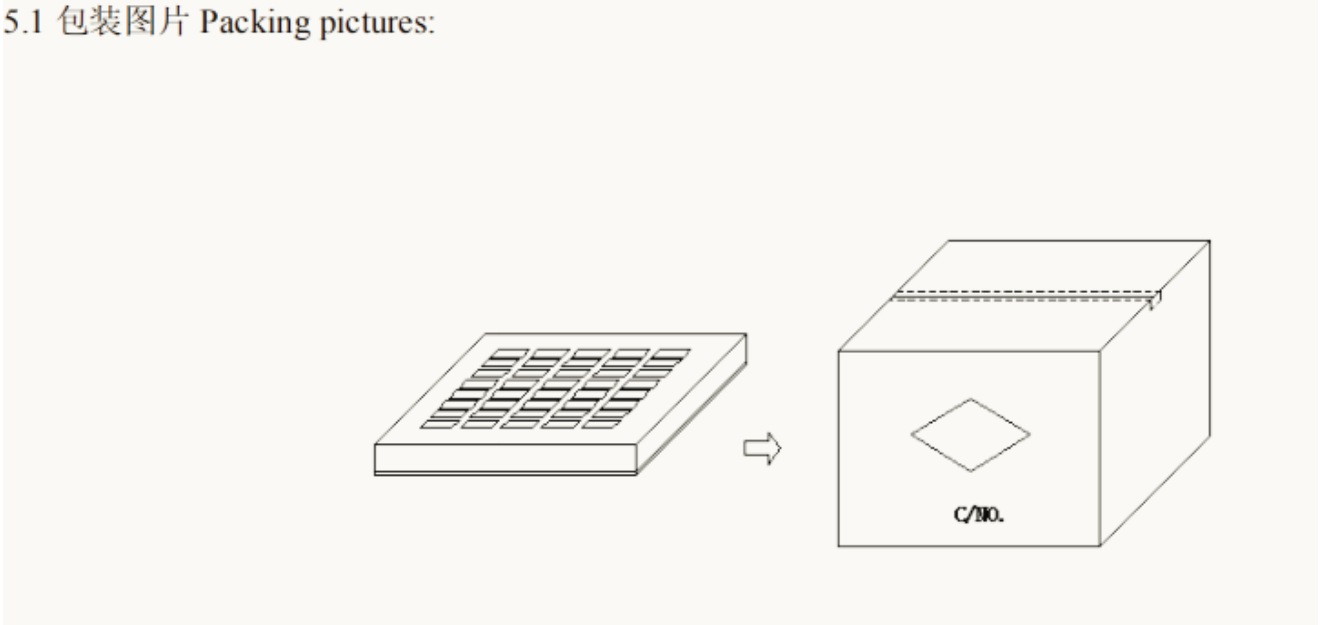
Note: Wrap 8MM (ref) high-temperature adhesive tape around the coil outlet position, and stick double-sided backing tape on the back of the magnetic disc.

标准	A	B	C	D	E	F	G	
STD	43.5±0.5	39±0.5	13.4±0.3	5±0.2	25±2	3±1	2.0±0.3	

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