

深圳市瑞通千业科技有限公司
Shenzhen Ruitong Qianye Technology Co., Ltd
深圳市光明区马田街道新庄社区新胜路30号301

301, No. 30 Xinsheng Road, Xinzhuang Community, Matian Street, Guangming District, Shenzhen

客户/Ciient

名称/TYPE

A11 Wireless Charging coil

产品型号

Model NO

G41.5*8*0.8MM

30MM/0.08*80P

Straight groove with hole /Back adhesive line length

产品编号

Part numbering systey

客户料号

Cient p/NO

工程编号

Enginrer NO

日期/Date

2023-5-22

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

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 APPproved	认可日期/APPproved

深圳市瑞通千业科技有限公司

Shenzhen Ruitong Qianye Technology Co., Ltd

一、线圈工艺/Winding Procese:

NO	绕组 WINDING	线规 WIRE	匝数 TURNS	绕线方向 DIRECTION	备注 REMARKS
1	N1	2UEW-B-0.08*80P	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=50MIN

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 Chuangda 1068+1310; **DCR:**502BC; **SIZE:**Callipers

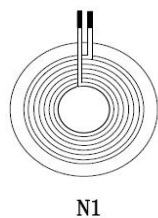
3.材料清单(Bill of Material):

N O	项目	材料
1	WIRE	φ 0.08*80p 2UEW-
2	FERRITE	G41.5*8*0.8MM L double slot with holes/Magnetic/Back adhesive
3	GLUE	水性白胶 Water based white glue
4	SOLDER	HQ-996/JS-996
5	Tin	千岛纯锡 Thousand Island Pure Tin
6	High temperature adhesive	5MM 高温胶带 High temperature adhesive
7		

深圳市瑞通千业科技有限公司

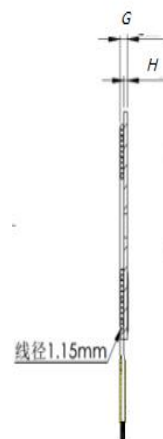
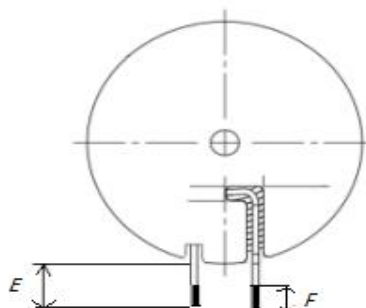
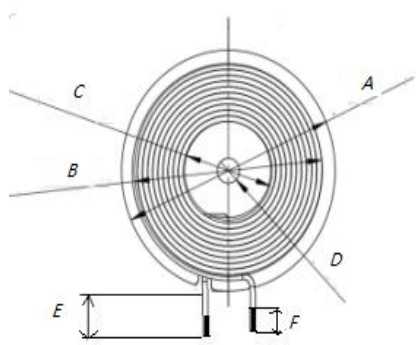
Shenzhen Ruitong Qianye Technology Co., Ltd

三. 电路图/CIRCUIT DIAGRAM



Unit: MM

四. 外形图/OUTSIDE DIAGRA



注：线圈出线位置缠绕 5MM (ref) 高温胶纸，磁片背面贴双面背胶。

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

标准	A	B	C	D	E	F	G	
STD	40±0.5	37.5±0.5	13.5±0.2	5±0.2	170±2	3±1	1.8±0.3	

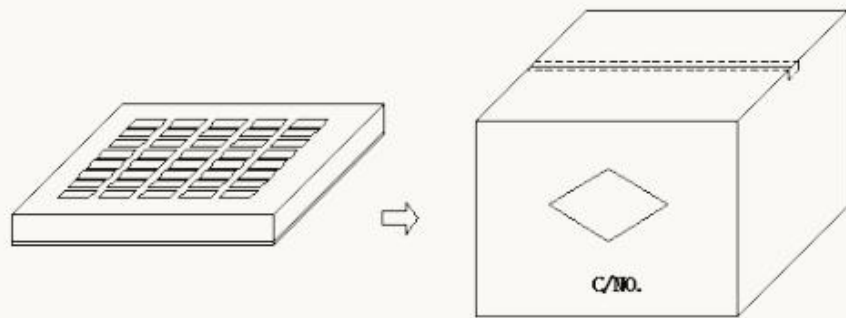
Unit: MM

深圳市瑞通千业科技有限公司

Shenzhen Ruitong Qianye Technology Co., Ltd

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.

深圳市瑞通千业科技有限公司

Shenzhen Ruitong Qianye Technology Co., Ltd

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