

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惠龙兴工业园 A4 栋 3 楼 3rd Floor, Building A4, Huilongxing Industrial Park, Xinzhuang Community, Matian Sub-district, Guangming District, Shenzhen

客户/Ciient

名称/TYPE

A11-6.8UH 超薄无线充发射线圈

产品型号

Model NO

单线圈 G43.5*0.8 双槽有孔 42 长背胶

产品编号

Part numbering systey

客户料号

Cient p/NO

工程编号

Enginrer NO

日期/Date

2024 年 5 月 14 日

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

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工程/ Enginrer	认可/QC APPproved	认可日期/APPproved

一、 线圈工艺/Winding Proceese:

NO	绕组 winding	线规 wire gage	匝数 number of turns	绕线方向 direction of winding	备注 remark
1	N1	2UEW-B-0.08*24*2P	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)

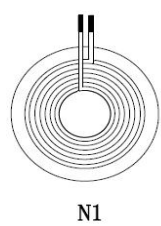
1.11 L0A (单独线圈 Individual coil) =3.8uH±20%

1.12 L0A(线圈+磁铁 Coil + magnet)=6.8uH±10%
- 1.2 Q 值 Q value=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 1068+1310;DCR:502BC;SIZE:Callipers

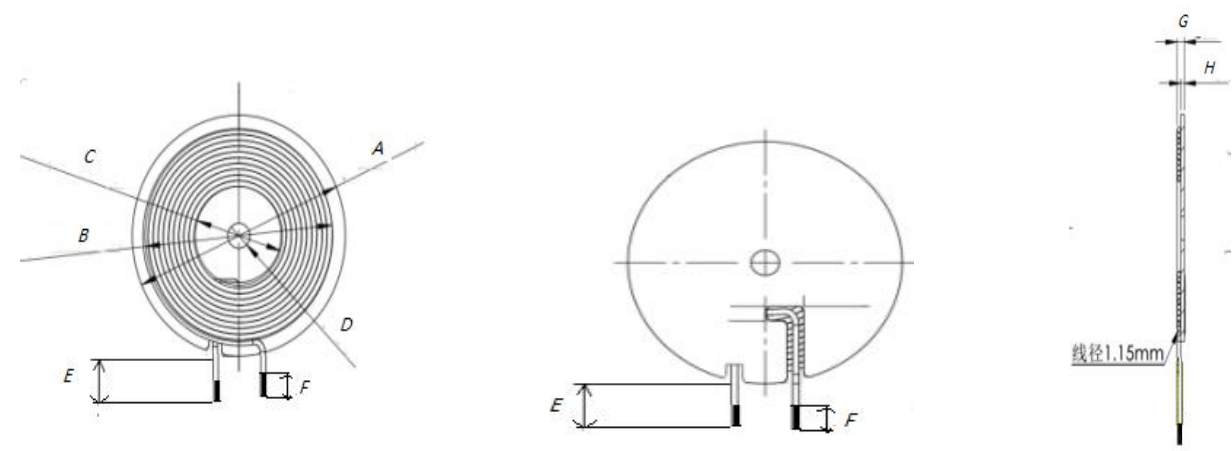
3.材料清单 BOM

NO	项目	材料 materials
1	WIRE	∅ 0.08*24*2p 2UEW-
2	FERRITE	43.5*5.3*0.8 L Double-sided adhesive tape with double-slot perforated ferrite hard magnetic back
3	GLUE	White glue
4	SOLDER	HQ-996/JS-996
5	Tin	Thousand Island Pure Tin
6	High temperature adhesive	8MM high-temperature tape

三. 电路图/CIRCUIT DIAGRAM



四. 外形图/OUTSIDE DIAGRA



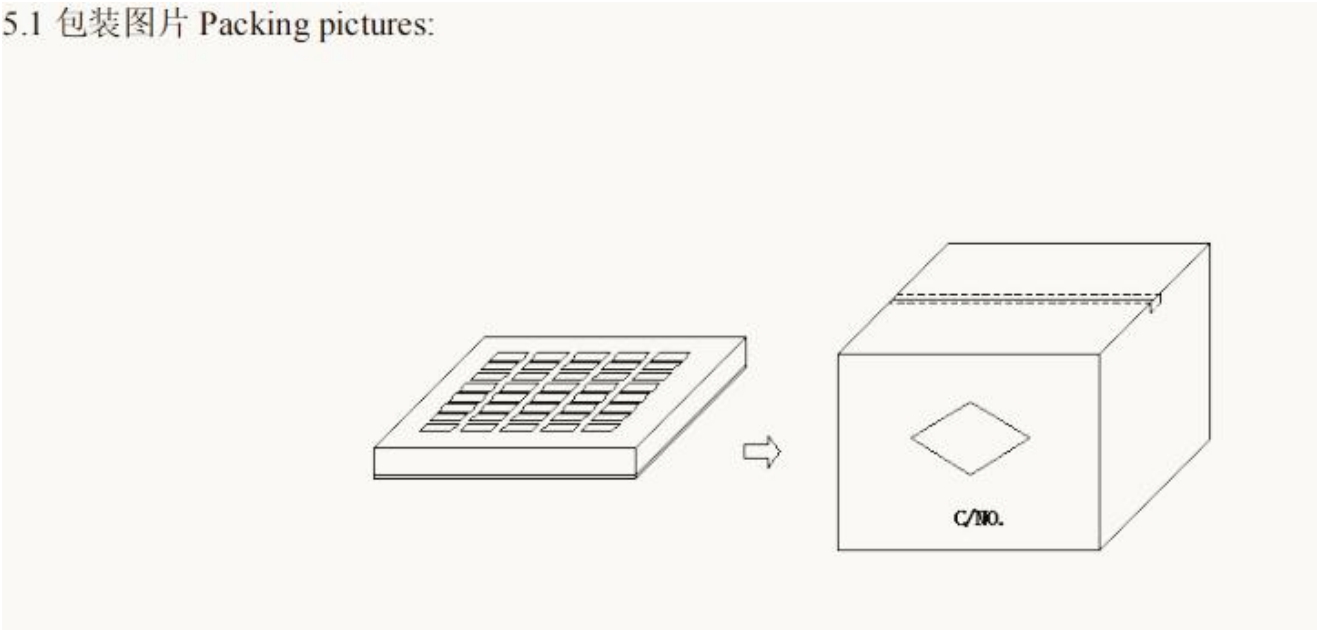
注：线圈出线位置缠绕 8MM（ref）高温胶纸，磁片背面贴双面背胶。The coil lead-out position is wrapped with 8MM (ref) high-temperature adhesive tape, and double-sided adhesive is applied to the back of the magnetic sheet.

Stan dard	A	B	C	D	E	F	G	
STD	43.5±0.5	38.5±0.5	20.5±0.5	5.3±0.5	42±2	3±1	1.4±0.2	

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