

深圳市瑞通千业科技有限公司

Shenzhen Ruitong Qianyi Technology Co., Ltd.

客户/Ciient

名称/TYPE

产品型号

Model NO

产品编号

客户料号

Cient p/NO

工程编号

Enginrer NO

日期/Date

A11-6.8UH Ultra thin wireless charging and
transmitting coil

Single coil G43.5 * 0.8 double groove with holes 42 long
adhesive backing

Part numbering systey

May 14, 2024

本公司工程部/For Enginer Departner Only	
修改内容/Rvised Cintent	认可日期/APPproved Date
/	May 14, 2024

编制/Prepared

审核/Checked

认可/Approved

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一、线圈工艺/Winding Procese:

NO	绕组winding	线规wire gauge	匝数 number of turns	绕线方向 winding direction	备注 Note
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

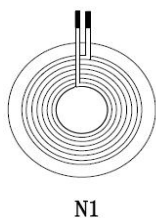
1.4 工作温度(Operating Temperature): -25°C~85°C

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

3.材料清单Bill of Material

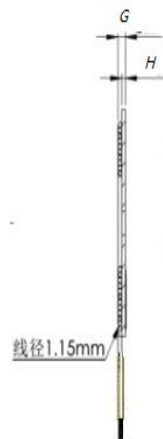
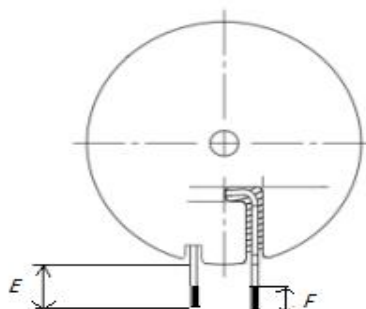
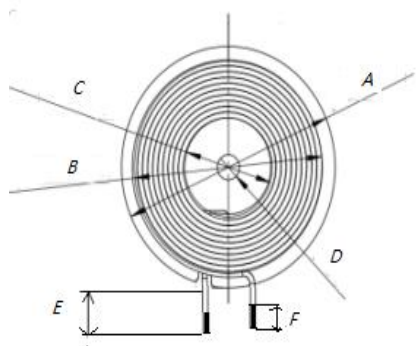
NO	项目project	材料material
1	WIRE	φ 0.08*24*2p 2UEW-
2	FERRITE	43.5*5.3*0.8 L Double slot perforated ferrite hard magnetic back double-sided tape
3	GLUE	水性白胶Water based white glue
4	SOLDER	HQ-996/JS-996
5	Tin	千岛纯锡Thousand Island Pure Tin
6	High temperature adhesive	8MM 高温胶带High temperature adhesive tape
7		
8		

三. 电路图/CIRCUIT DIAGRAM



单位: MM

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。

Note: The outlet position of the coil is wrapped with 8MM (ref) heat-resistant adhesive tape, and double-sided adhesive is attached to the back of the magnetic plate.

标准	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	

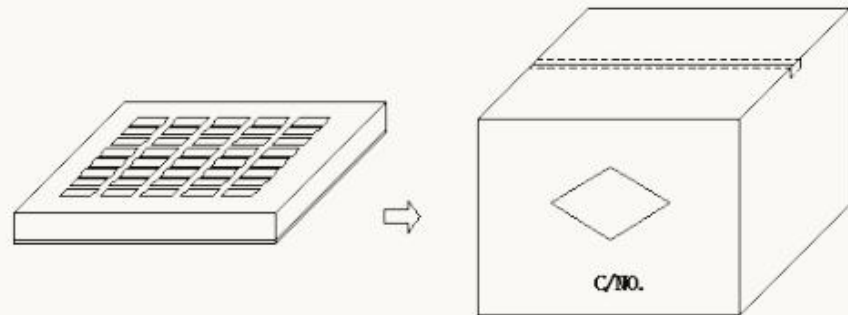
单位unit: MM

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