

深圳市瑞通千业科技有限公司

Shenzhen Ruitong Qianye Technology Co., Ltd

客户/Ciient Shenzhen New Eastern Airlines Technology Co., Ltd

名称/TYPE Wireless charging and transmitting coil

产品型号 单线圈 Single coil G43.5*0.8*6MM

Model NO Double slot with holesLong back adhesive

产品编号

Part numbering systey _____

客户料号 E.ID.30068014

Cient p/NO _____

工程编号

Enginrer NO _____

日期/Date 2024-9-9

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

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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*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) =3.8uH±20%

1.12 L0A(线圈+磁片)=6.8uH±10%

1.2 Q 值=50MIN

1.3 直流电阻 (DCR) : 80mΩ 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

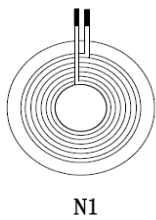
3.材料清单

NO	项目	材料
1	WIRE	φ 0.08*24*2p 2UEW-
2	FERRITE	G43.5*5.3*0.8MM L double slot with holes/Magnetic/Adhesive backing
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

三. 电路图/CIRCUIT DIAGRAM

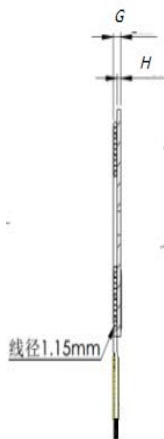
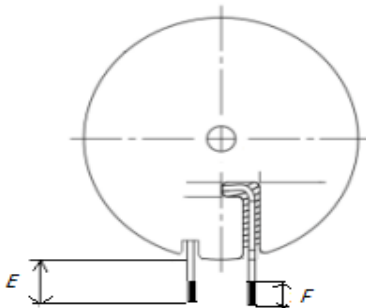
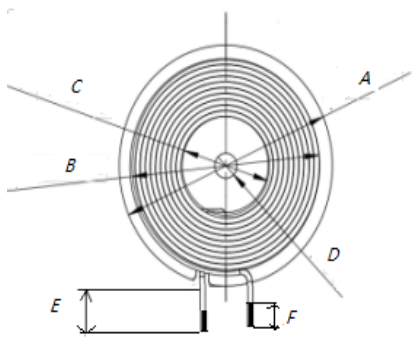
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Unit: MM

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: Wrap 8MM (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	43.5±0.5	39±0.5	20.5±0.5	5.3±0.5	6±2	3±1	1.7±0.1	

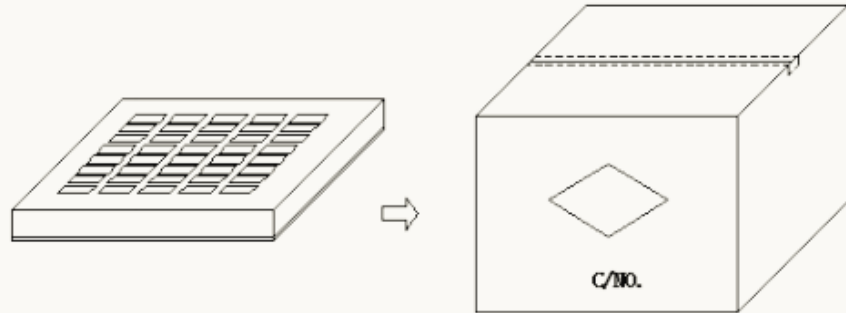
Unit: MM

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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.

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