

Shenzhen Tenghuiyuan Electronics Co., Ltd

客户/Ciient

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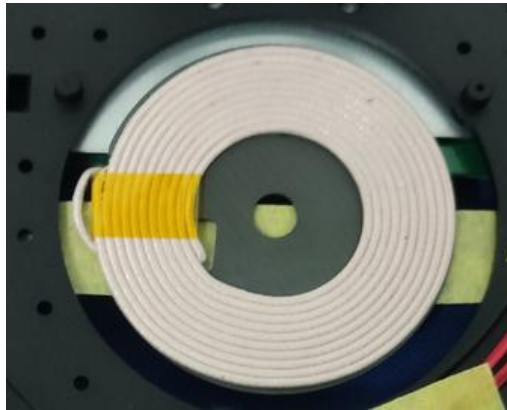
名称/TYPE

A11-6.3UH wireless charging and transmitting coil

产品型号

Model NO

Single coil G43.5 * 0.8 thick double groove perforated back glue 210 long



Product pictures

Operating frequency: 110.1-205KHz

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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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

一、 线圈工艺/Winding Procese:

NO	winding	Wire gauge	Turns	Winding direction	remarks
1	N1	2UEW-B-0.08*105P	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)=6.5uH±5%

1.2 Q 值=80MIN

1.3 直流电阻 (DCR) : 60mΩ MAX

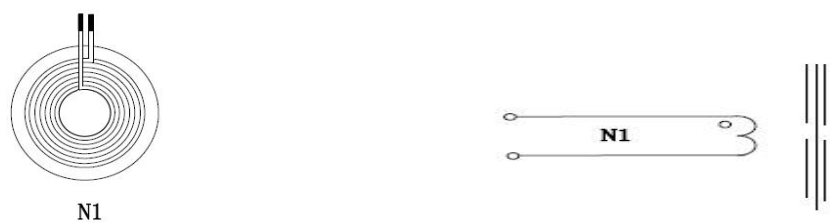
1.4 工作温度(Operating Temperature): -25°C~85°C

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

3.材料清单

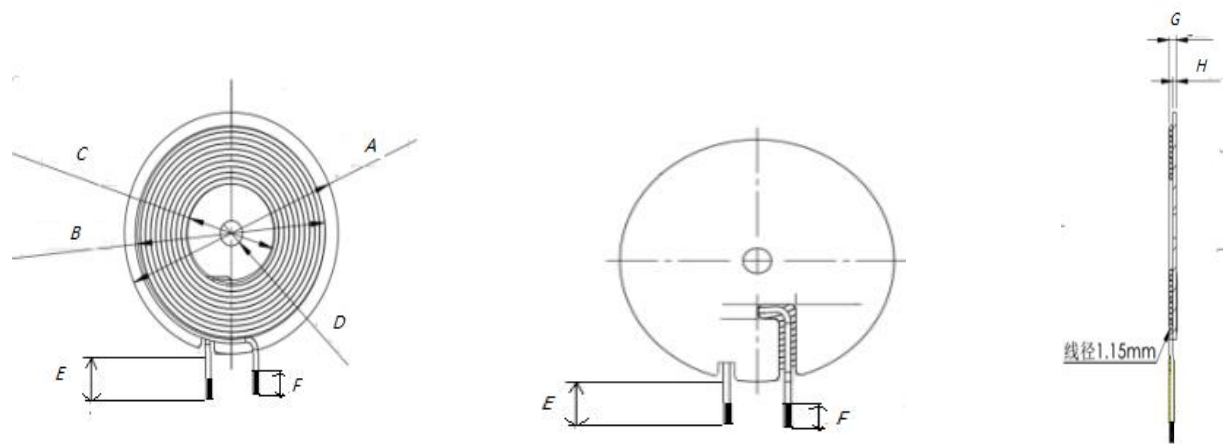
N O	项目	Material Science
1	WIRE	φ 0.08*105p 2UEW-
2	FERRITE	43.5*5.3*0.8 LType B double slot perforated ferrite hard magnet
3	GLUE	Water based white glue
4	SOLDER	HQ-996/JS-996
5	Tin	Qiandao Pure Tin
6	High temperature adhesive	8MM High temperature adhesive tape
7		
8		

三. 电路图/CIRCUIT DIAGRAM



单位： MM

四. 外形图/OUTSIDE DIAGRA



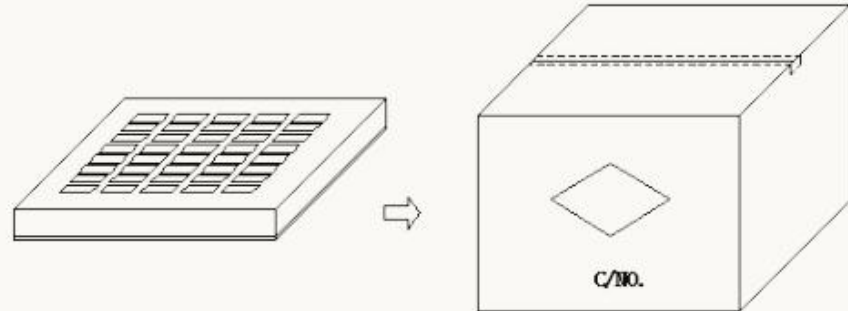
注：线圈出线位置缠绕 8MM (ref) 高温胶纸，磁片背面贴双面背胶。

标准	A	B	C	D	E	F	G	
STD	43.5±0.5	42.5±0.5	20.5±0.5	5.3±0.5	210±2	3±1	2.2±0.5	

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