

深圳市瑞通干业科技有限公司

客户/Ciient _____

名称/TYPE Wireless charging transmitter coil _____

产品型号/Model NO Transparent coil G42.5*2.0 wire length 18MM adhesive back _____

产品编号/Part numbering systey _____

客户料号/Cient p/NO _____

工程编号/ Enginrer NO _____

日期/Date July 17, 2024 _____

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	guage	number of turns	direction of winding	remark
1	N1	2UEW-B-0.08*80*	10TS	CCW	
2					

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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 (Individual coil) =3.6uH±10%

1.12 L0A(Coil + diskette)=6.2uH±5%

1.2 Q value =80MIN

1.3 直流电阻 (DCR) : 50mΩ 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

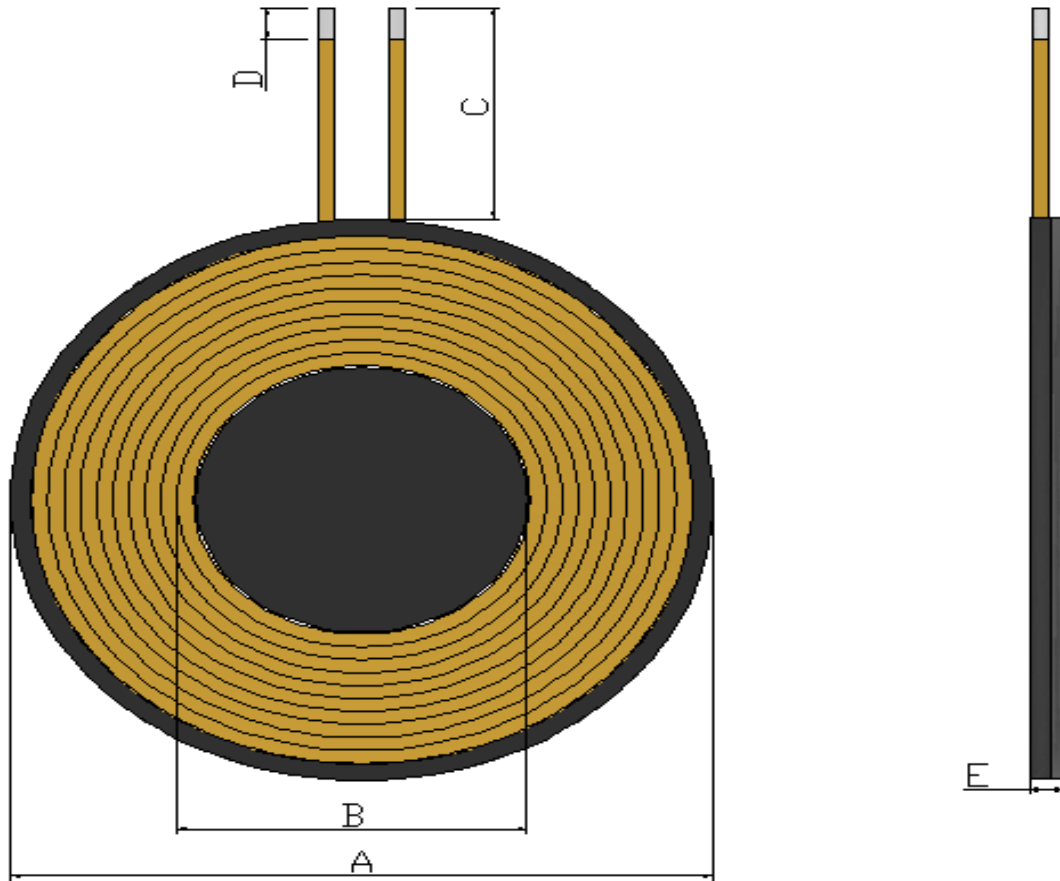
3.材料清单 bill of materials

N O	project	materials
1	WIRE	φ 0.08*80 *10T 2UEW-
2	FERRITE	42.5*2.0 L-type double slot porous ferrite hard magnetic back double-sided tape
3	GLUE	Water-based white glue
4	SOLDER	HQ-996/JS-996
5	Tin	Thousand Island tin
6	High temperature adhesive	
7		
8		

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四. 外形图/OUTSIDE DIAGRA

单位: MM



天线增益 Antenna gain:

Operation frequency:	113kHz-205kHz
Antenna Type:	Loop coil Antenna
Antenna gain:	0dBi

Note: The center of the coil is affixed with 20.3MM cushion, and the back of the magnetic disc is affixed with double-sided adhesive.

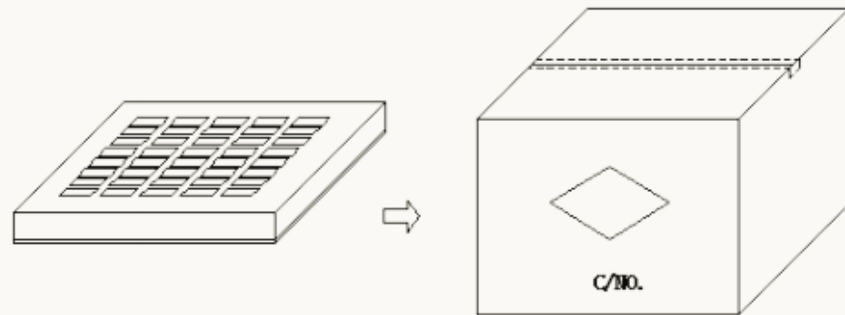
stan dard	A	B	C	D	E	F	G	
STD	42.5±0.3	20.5±0.3	18±2	3±1	2.0±0.2	--	--	

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