

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

A11 Wireless charging transmitting coil

产品型号

Model NO

G41.5*5.3*0.6 50MM

Product Number

Part numbering systey

Customer part number

Cient p/NO

工程编号

Enginrer NO

日期/Date

February 27th, 2026

本公司工程部/For Enginer Departner Only	
修改内容/Rvised Cintent	认可日期/APProved Date

编制/Prepared

审核/Checked

认可/Approved

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客户认可回签/Authorixed Signaturure Company Chop		
工程/ Enginrer	认可/QC APProved	认可日期/APProved

一、 线圈工艺/Winding Procese:

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NO	Winding	Wire gauge	Number of turns	Winding direction	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(Coil + Magnetic Plate)=6.5uH±5%

1.2 Q value =38±5%

1.3 Direct current resistance (DCR) : 85mΩ ±5%

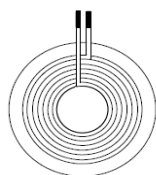
1.4 工作温度(Operating Temperature): -25°C~85°C

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

3.材料清单(Material List)

NO	Project	Materials
1	WIRE	φ 0.08*24*2p 2UEW-
2	FERRITE	41.5 * 5.3 * 0.6 L-shaped double-slot, with hole ferrite hard magnet, double-sided adhesive on the back side
3	GLUE	Water-based white glue
4	SOLDER	HQ-996/JS-996
5	Tin	Kanjiro Pure Tin
6	High temperature adhesive	5MM High Temperature Tape
7		
8		

三. 电路图/CIRCUIT DIAGRAM

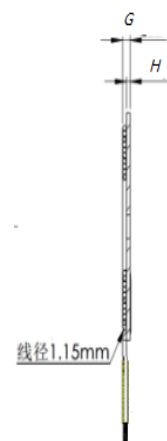
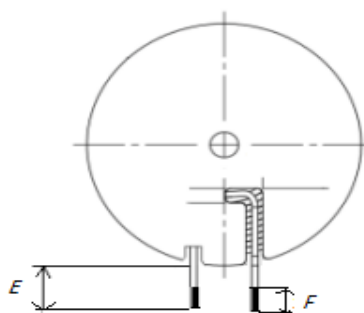
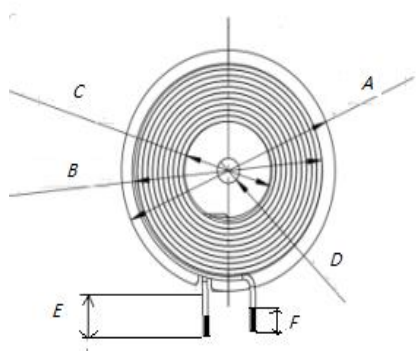


N1



Unit: MM

四. 外形图/OUTSIDE DIAGRA



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.

Standard	A	B	C	D	E	F	G	
STD	41.5±0.5	39±1	20.5±0.3	5.2±0.2	50±2	3±1	1.5±0.2	

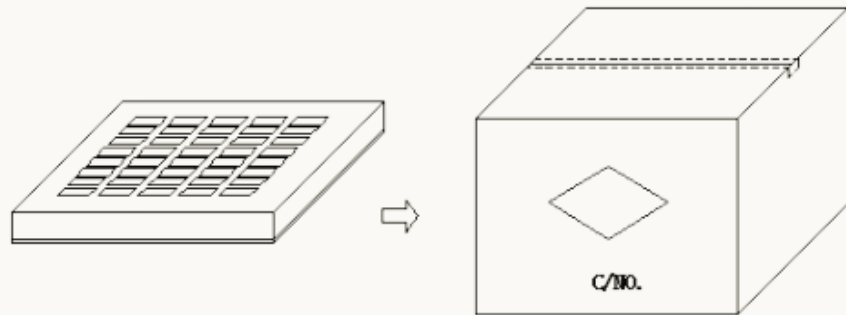
Unit: MM

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