

Company: Shenzhen Ruitong Qianye Technology Co., Ltd
Address: 301, No. 30 Xincheng Road, Xinzhuang Community, Matian Street, Guangming District, Shenzhen

客户/Ciient _____

名称/TYPE Inductive loop coil Antenna

产品型号/PRODUCT MODEL _____

Model NO Single coil G43.5 * 0.5 double groove with holes 50 long adhesive backing

产品编号 Part numbering systey

客户料号

Cient p/NO _____

工程编号

Enginrer NO _____

日期/Date 2023年8月25日

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

Jimei Wan

Jimei Wan

Chengzhao Liu

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

1、 线圈工艺/Winding Procese:

NO	winding	wire gauge	number of turns	winding direction	note
1	N1	2UEW-B-0.08*24*2P	10TS	CCW	
2					

2 . 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) =3.8uH±20%1.

1.2 L0A(Coil+Magnetic Disc)=6.5uH±10%

1.2 Q value =50MIN

1.3 直流电阻 (DCR) : 80mΩ MAX

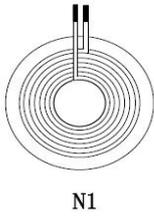
1.4 工作温度(Operating Temperature) : -25°C~85°C

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

3.材料清单(Bill of Material)

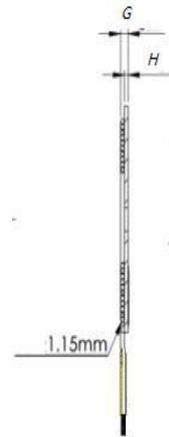
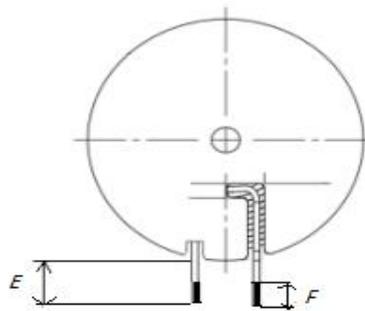
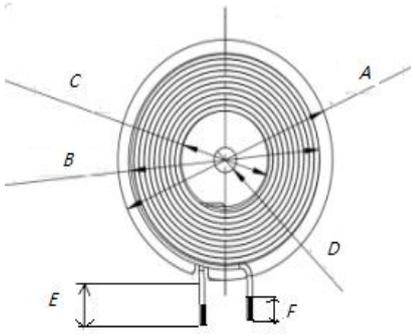
NO	project	material
1	WIRE	φ 0.08*24*2p 2UEW-
2	FERRITE	43.5*5.3*0.5 L Double slot perforated ferrite hard magnet with black film on the back
3	GLUE	Water based white glue
4	SOLDER	HQ-996/JS-996
5	Tin	Thousand Island Pure Tin
6	High temperature adhesive	5MM High temperature adhesive tape
7		
8		

3 . 电路图/CIRCUIT DIAGRAM



Unit:MM

4 . 外形图/OUTSIDEDIAGRA

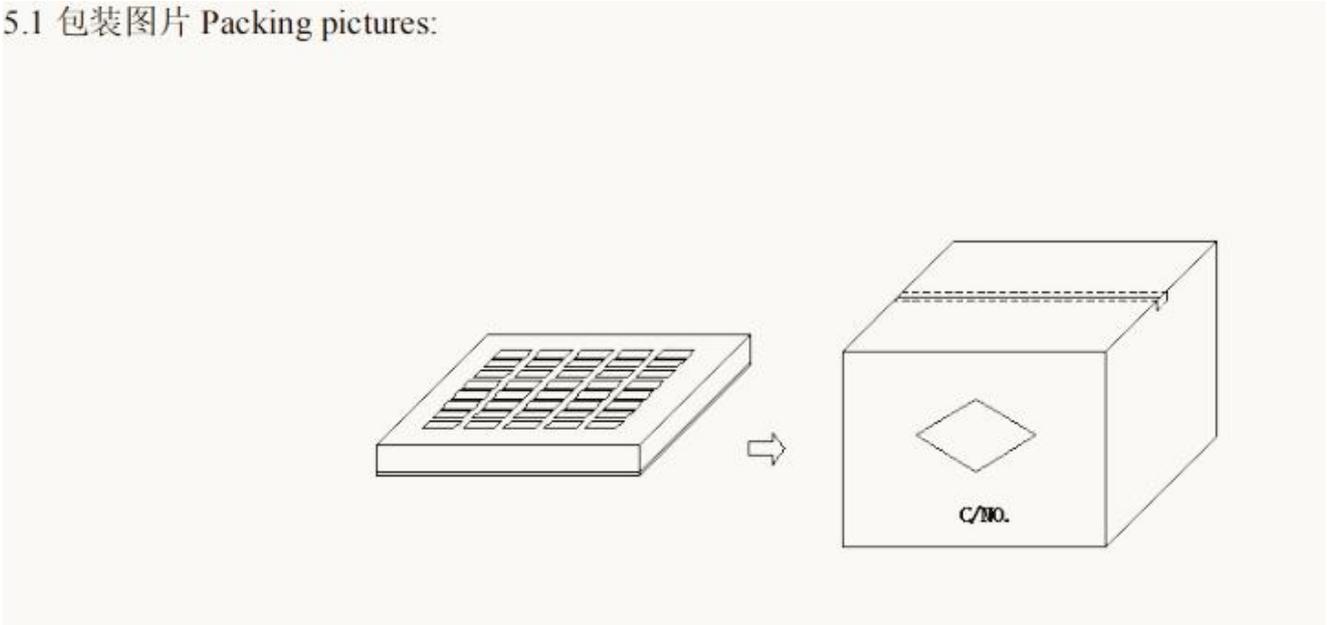


Note: Wrap 8MM (ref) high-temperature adhesive tape around the coil outlet position, and apply double-sided adhesive tape on the back of the magnetic sheet.

Standard	A	B	C	D	E	F	G	
STD	43.5±0.5	38.5±0.5	20.5±0.5	5.3±0.5	50±2	3±1	1.4±0.1	

5 . 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.

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