

Shenzhen Ruitong Qianye Technology Co., Ltd.

Room 301, Building A4, Xinwei 4th Industrial Park, Xinzhuang Community,
Matian Street, Guangming District, Shenzhen, Guangdong Province, China

客户/Ciient

名称/TYPE A11 Wireless transceiver coil

产品型号

Model NO G43.5**内孔*0.8 双槽有孔反背胶线长 30MM/0.15*28
G43.5** Inner hole * 0.8, double groove with perforation, reverse adhesive
cord length 30MM/0.15*28

产品编号 Part numbering systey

客户料号 Cient p/NO

工程编号

Enginrer NO

日期/Date 2024 年 7 月 3 日

本公司工程部/For Enginer Departner Only	
修改内容/Rvised Cintent	认可日期/APProved Date
Room 301, Building A4, Xinwei 4th Industrial Park, Xinzhuang Community,	

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 APProved	认可日期/APProved

Shenzhen Ruitong Qianye Technology Co., Ltd.

一、 线圈工艺/Winding Procese:

NO	绕组winding	线规Gauge	匝数turns	绕线方向Direction	备注remark
1	N1	2UEW-B-0.15*28P	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(线圈coil+磁片magnetic sheet)=6.3uH±5%

1.2 Q 值=70MIN

1.3 直流电阻 (DCR) : 50mΩ MAX

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

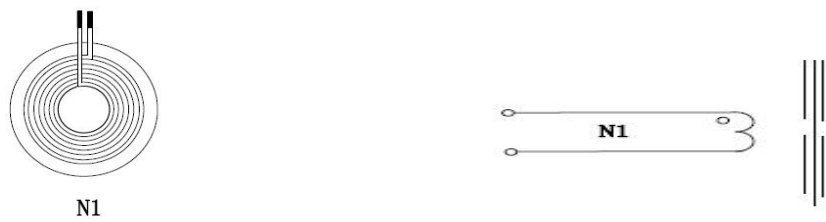
2.测试仪器(Test instrument): L:创达 1068+1310;**DCR**:502BC;**SIZE**:Callipers

3.材料清单BOM

NO	项目Item	材料Material
1	WIRE	φ 0.15*28 2UEW-
2	FERRITE	43.5*8*0.8 L型双槽 有孔铁氧体硬磁背面双面胶43.5*8*0.8 L-shaped double-slot perforated ferrite hard magnet with double-sided adhesive on the back.
3	GLUE	水性白胶Water-based white glue
4	SOLDER	HQ-996/JS-996
5	Tin	千岛纯锡Pure Tin
6	High temperature adhesive	8MM 高温胶带High temperature tape
7		
8		

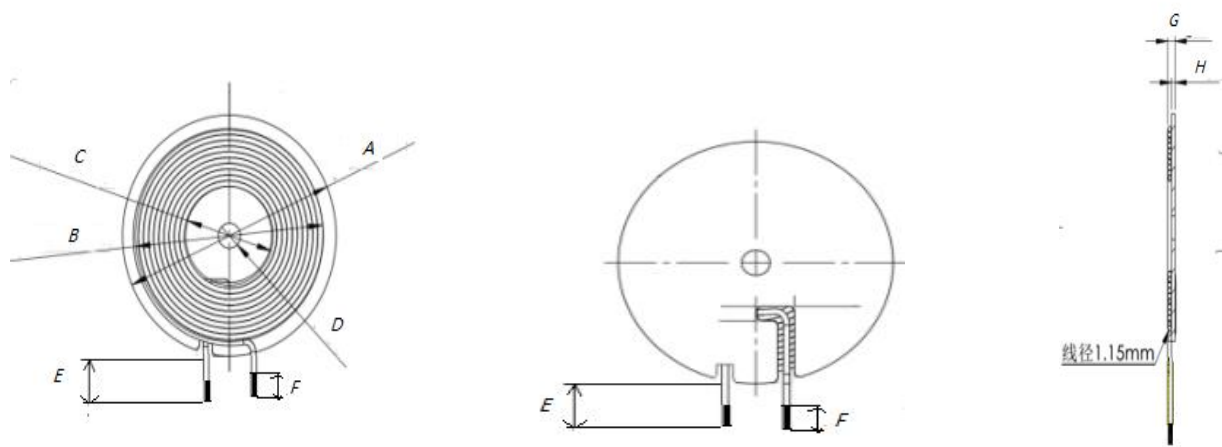
三. 电路图/CIRCUIT DIAGRAM

Shenzhen Ruitong Qianye Technology Co., Ltd.



单位： MM

四. 外形图/OUTSIDE DIAGRA



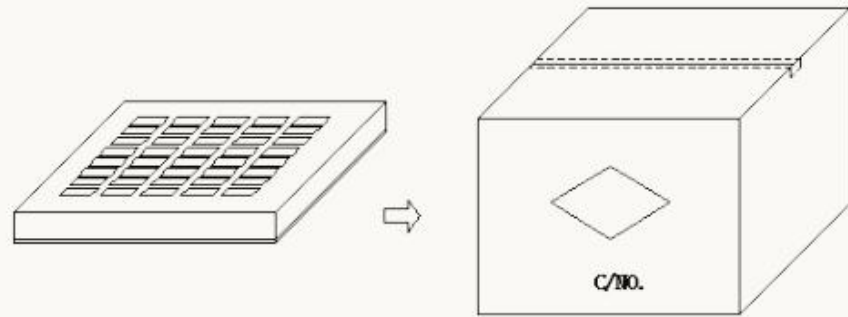
注：线圈出线位置缠绕 5MM (ref) 高温胶纸，磁片背面贴双面背胶。Note: Wrap 5mm (ref) high-temperature adhesive tape around the coil lead-out point, and apply double-sided adhesive to the back of the magnetic sheet.

标准STD	A	B	C	D	E	F	G	
STD	43.5±0.5	40±0.5	20.5±0.2	5±0.2	40±2	3±1	2.0±0.3	

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

承 認 書

SPECIFICATION FOR APPROVAL

客 戶:

CUSTOMER:

客 戶 料 號:

CUST P/N:

亿 钵 料 號:

FINE P/N:

產 品 型 號:

DESC:

日 期:

DATE:

版 本:

Version:

8346线圈

漆包线0.07*100P*83*46*出线80mm

2025-3-20

A.0

擬制 PREPARED BY	審核 CHECKED BY	批准 APPROVED BY	客戶承認 CUSTOMER APPROVE
戴雄彪		魏红艳	

SPECIFICATION

產品型號:
DESC

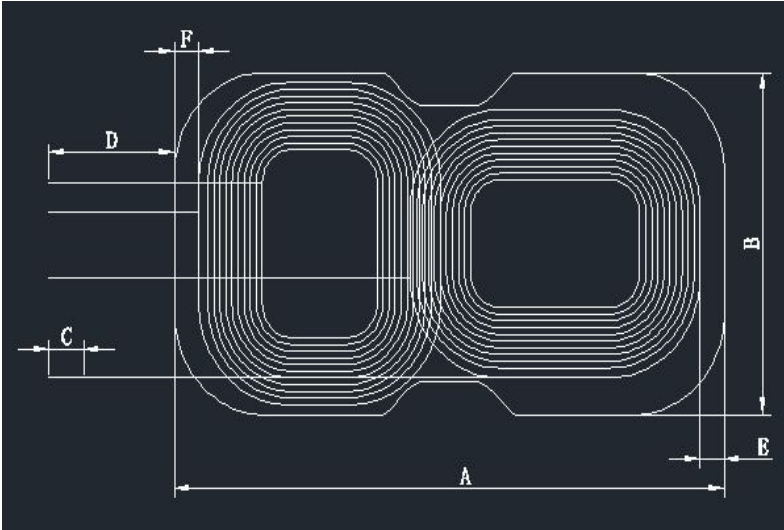
ΦSP*0.8-0.07x100P-9TS/80mm线长

版本
Rev: A.0

客戶 CUST:
料号 Fine P/N:
客户料号 CUST P/N:

331
A50

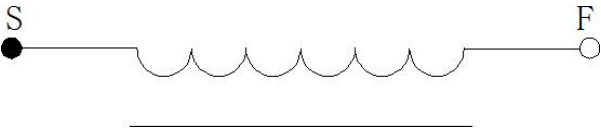
一、尺寸 DIMENSION:(mm)



- A 83±1.0
- B 46±1.0
- C 3.0±1.0
- D 80±3
- E 3.5±1
- F 3.5±1

注:
1.线圈贴磁片, 磁片尺寸 83±1mm,*46±0.5mm ,厚度为 0.8±0.1mm。
2.线圈出线位置缠6mm(ref)宽度高温胶纸 3mmTs;
3 83±0.5mm(ref)*46±0.5背胶,

二、原理图 SCHEMATIC DIAGRAM:



三、绕线参数 Winding Specification:

序号 NO.	端子 TERMINAL		线径 WIRE	圈数 Turns	绕线方向 Winding Direction
1	S	F	铜漆包线 0.07*100P	9Ts	CCW

四、电气特性 ELECTRICAL CHARACTERISTICS:

温度 TEMPERATURE:25±10°C, 湿度 RELATIVE HUMIDITY:65±20%

序号 NO.	项目 ITEM	端子 TERMINAL	标准 SPECIFICATION	测试条件 TEST FREQUENCY	测试仪器 TEST EQUIPMENTS
1	IND.	S-F	4.2uH ±20%单独线圈	100KHz/1.0V	LCZ METER 1062B
2	IND.	S-F	7.0uH ±5%加磁片	100KHz/1.0V	LCZ METER 1062B
3	DCR	S-F	7.0UH ±5%加磁片	100KHz/1.0V	LCZ METER 502B

拟制/日期 PREPARED BY/DATE

审核/日期 CHECKED BY/DATE

戴雄彪2025/03/25

2025/3/25