

Customer/Ciient \_\_\_\_\_

Name/TYPEA11-6.3UH Ultra thin wireless charging and transmitting coil  
\_\_\_\_\_

产品型号

Model NO                      Single coil G41.5 \* 0.7 double slot perforated 43 long back adhesive  
\_\_\_\_\_

产品编号 Part numbering systey  
\_\_\_\_\_

客户料号

Cient p/NO                      \_\_\_\_\_

工程编号

Enginrer NO                      \_\_\_\_\_

日期/Date                      2022 年 2 月 18 日  
\_\_\_\_\_

| 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

万纪美万纪美刘成昭

| 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        | Number of turns | Winding direction | Remarks |
|----|---------|-------------------|-----------------|-------------------|---------|
| 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 (Individual coils) =3.8uH±20%

1.12 L0A(Coil+magnetic sheet)=6.5uH±10%

1.2 Q price=50MIN

1.3 直流电阻 (DCR) : 60mΩ MAX

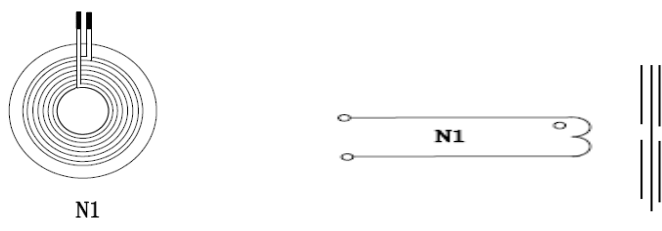
1.4 工作温度(Operating Temperature): -25°C~85°C

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

### 3. Bill of Material

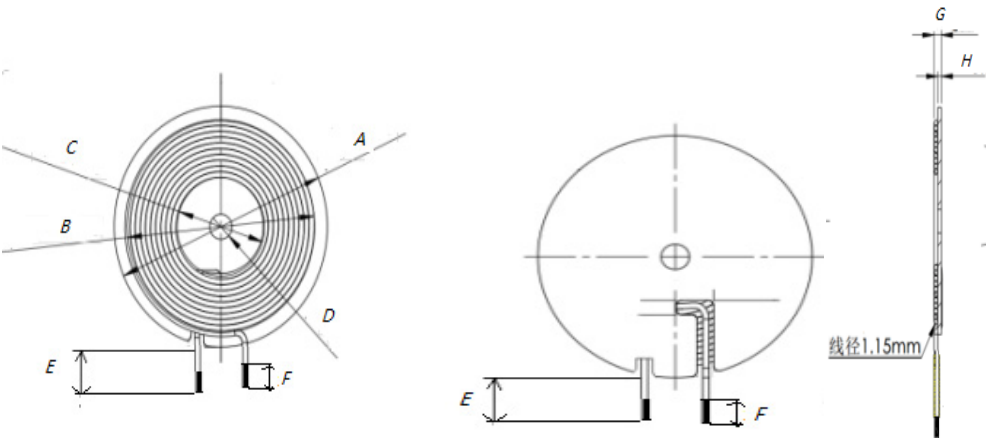
| NO | Project                   | Material                                                                                                      |
|----|---------------------------|---------------------------------------------------------------------------------------------------------------|
| 1  | WIRE                      | φ 0.08*24*2p 2UEW-                                                                                            |
| 2  | FERRITE                   | 41.5 * 5.3 * 0.7 L-shaped double slot perforated ferrite hard magnetic double-sided adhesive tape 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 | 8mm high-temperature tape                                                                                     |
| 7  |                           |                                                                                                               |
| 8  |                           |                                                                                                               |

三. 电路图/CIRCUIT DIAGRAM



unit: MM

四. 外形图/OUTSIDEDIAGRA



Pour: Wrap 8MM (ref) high-temperature adhesive tape around the coil outlet position, and stick double-sided backing tape on the back of the magnetic disc.

| Standard | A        | B        | C        | D       | E    | F   | G       |  |
|----------|----------|----------|----------|---------|------|-----|---------|--|
| STD      | 41.5±0.5 | 38.5±0.5 | 20.5±0.5 | 5.3±0.5 | 43±2 | 3±1 | 1.5±0.5 |  |

unit: MM