



Company:Shenzhen Shenguang Electronic Technology Co.,LTD

Address: Floor 401, Factory No. 1165, Guanhua Community, Guanlan Street,  
Longhua District, Shenzhen, China

客户/Client

名称/TYPE

Magnetic chip/G43.5-0.8/single coil/0.08-24-2p-11TS/6.5uH/wire length 36MM

产品型号

Model NO

17.5-39mm-0.08\*24\*2p-11ts-6.5uh-036mm

产品编号

Part numbering systey

客户料号

Client p/NO

工程编号

Enginrer NO

TQE 1003

日期/Date

2025-3-31

| 本公司工程部/For Enginer Departner Only |                     |
|-----------------------------------|---------------------|
| 修改内容/Rvised Content               | 认可日期/APPproved Date |
|                                   |                     |

编制/Prepared

XieYanQi

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认可/Approved

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| 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:



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| NO | winding | wire gauge        | number<br>of turns | winding<br>direction | notes |
|----|---------|-------------------|--------------------|----------------------|-------|
| 1  | N1      | 2UEW-B-0.08*24P*2 | 11TS               | 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 coil) =3.8uH±20%

1.12 L0A(Coil+Magnetic Disc)=6.5uH±10%

1.2 Q 值=30MIN

1.3 直流电阻 (DCR) : 120mΩ MAX

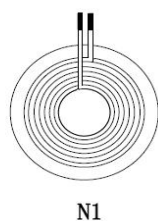
1.4 工作温度(Operating Temperature): -25°C~85°C

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

3.材料清单(Bill of Material)

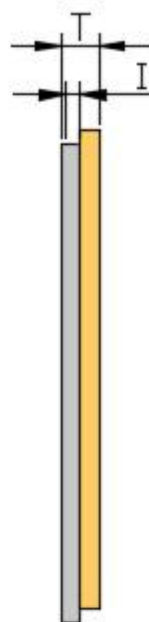
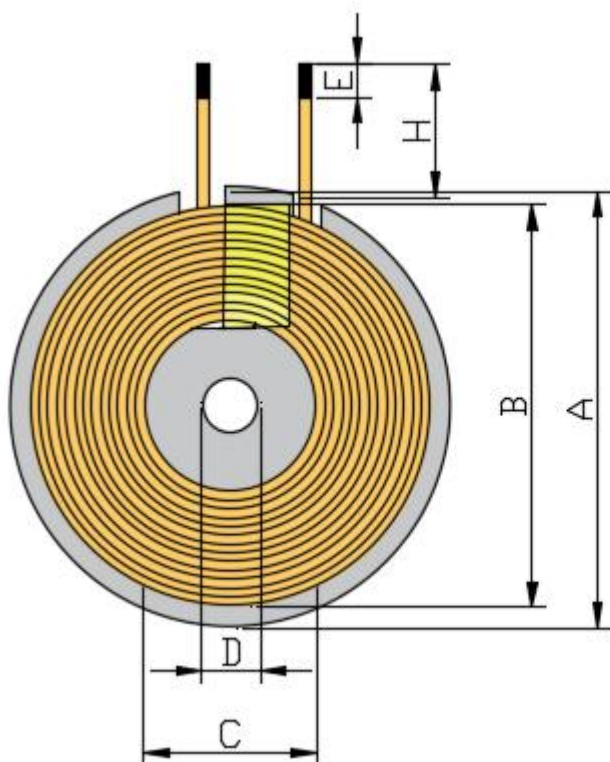
| NO | Project                   | materials                                      |
|----|---------------------------|------------------------------------------------|
| 1  | WIRE                      | φ 0.08*24p*2 2UEW                              |
| 2  | FERRITE                   | 43.5*5.3*0.8 L Double slot ferrite hard magnet |
| 3  | GLUE                      | White glue                                     |
| 4  | SOLDER                    | XCD-907B                                       |
| 5  | Adhesive                  | Double sided adhesive tape                     |
| 6  | High temperature adhesive | 8MM (ref) high-temperature adhesive tape       |
| 7  |                           |                                                |

### 三. 电路图/CIRCUIT DIAGRAM



Unit: MM

### 四. 外形图/OUTSIDE DIAGRA



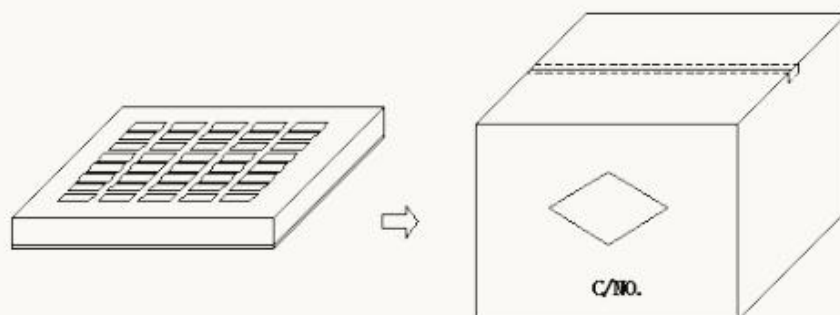
Note: Wrap 8MM (ref) high-temperature adhesive tape around the coil outlet position

| stan<br>dard | A        | B    | C        | D       | E   | I       | T      | H    |
|--------------|----------|------|----------|---------|-----|---------|--------|------|
| STD          | 43.5±0.5 | 39±1 | 17.5±0.5 | 5.3±0.5 | 3±1 | 0.8±0.1 | 1.8Max | 36±2 |

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 | 1400 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，如有特要求可以定制。

*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.*



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