



Shenzhen Chenxing Electronic Technology Co., Ltd

## 产 品 规 格 书

### PRODUCT SPECIFICATION FOR APPROVAL

客 户 名 称: Shenzhen Smacat Electronic Technology Co.,Ltd

CUSTOMER

产 品 名 称:

A11 Coil

PRODUCT NAME

物 料 编 码:

PART No.

Transmitter coil Inductance: 6.5uH±10%

Magnet specification: 43.5\*5.3\*0.8

Double deep groove Wire specification: Wire wrapped 0.08\*105\*12Ts  
(Coil inner diameter 14mm/outer diameter 38.5mm)

Outlet length: 145mm/small slot outlet casing 100mm near the tin head Ordinary  
double-sided adhesive/6mm high-temperature tape

产 品 规 格:

2024 年 11 月 15 日

PRODUCT SPEC

REV 1.0

日 期:

DATE

版 本 型 号:

VERSION

| 版本<br>Revision | 变更内容<br>Modified Content | 责任人<br>Principle | 日期<br>Date | 备注<br>Note     |
|----------------|--------------------------|------------------|------------|----------------|
| REV 1.0        | 首次发布                     | 薛 磊              | 2024-11-15 |                |
|                |                          |                  |            |                |
| 制定/PREPARED BY |                          | 审核/CHECKED BY    |            | 核准/APPROVED BY |
|                |                          |                  |            |                |

|   |  |  |
|---|--|--|
| 客户认可签名及盖章<br>Authorized signature &<br>company chop |  |  |
|---|--|--|

Attached is the product specification. If you have any questions, please give us feedback in time. Thank you!

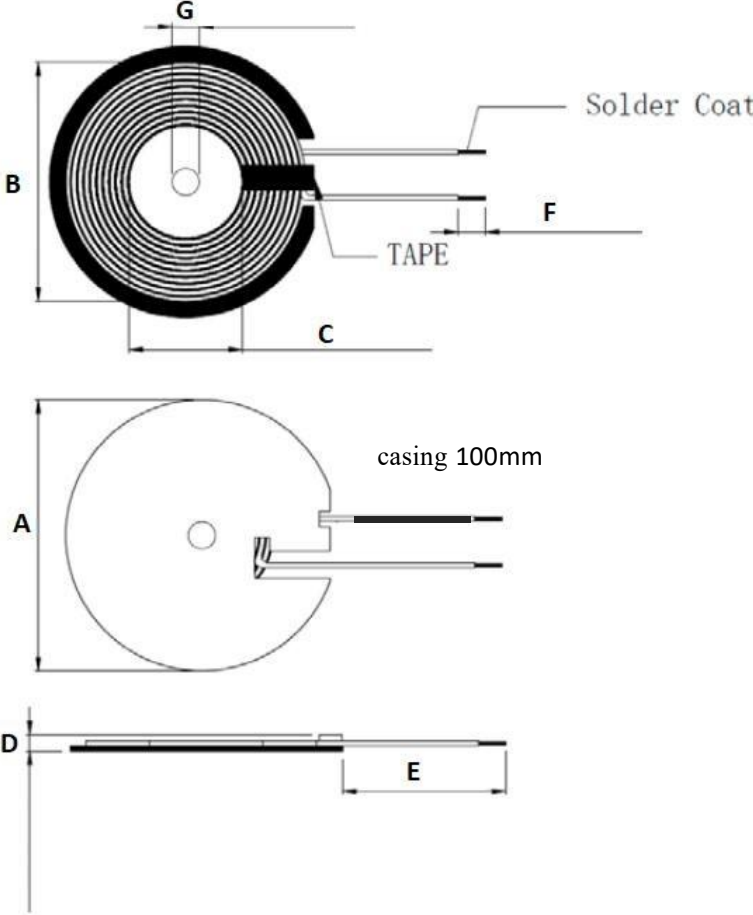


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## 产 品 规 格

### SPECIFICATION

#### 1.Products Size

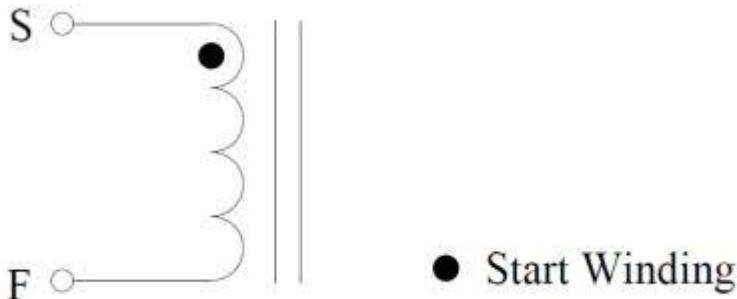
|   |                                      |                            |
|---|--------------------------------------|----------------------------|
|  | Magnet diameter A                    | 43.5±0.5mm                 |
|   | Coil outer diameter B                | 38.5±1.5mm                 |
|   | Coil inner diameter C                | 14±1mm                     |
|   | Product thickness D                  | <2.4mm                     |
|   | Outlet length E                      | 145mm±2mm                  |
|   | Solder length F                      | 2-5mm                      |
|   | Diameter of magnetic disc aperture G | 5±0.3mm                    |
|   | Magnetic thickness                   | 0.8±0.1mm                  |
|   | Magnetic shape                       | Round double groove        |
|   | Adhesive                             | Ordinary double-sided tape |
|   | Shatterproof black film              | NO                         |

Company Name:Shenzhen Chenxing Electronic Technology Co., Ltd

Factory address: 5th Floor, Building 1, Xinkecheng Science and Technology Industrial Park, No. 51, Dabao Road, Xin'an Street, Bao'an District, Shenzhen



2、Schematic



3、Winding parameters

| 端子<br>TERMINAL |   | 线径<br>WIRE                  | 圈数<br>Turns | 绕线方向<br>Winding Direction |
|----------------|---|-----------------------------|-------------|---------------------------|
| S              | F | Silk covered wire 0.08*105P | 12Ts        | CCW                       |

4、Electrical

Characteristics      温度 TEMPERATURE:25±10℃, 湿度 RELATIVE HUMIDITY:65±20%

| 项目<br>ITEM | 端子<br>TERMINAL | 标准<br>SPECIFICATION | 测试条件<br>TEST FREQUENCY | 测试仪器<br>TEST EQUIPMENTS |
|------------|----------------|---------------------|------------------------|-------------------------|
| IND.       | S-F            | 6.5uH±10%           | 100KHz/1.0V            | LCZ METER 1062B         |