



产 品 规 格 书

PRODUCT SPECIFICATION FOR APPROVAL

|                          |                                                                                                                                                           |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|
| 客 户 名 称:<br>CUSTOMER     | Pilot                                                                                                                                                     |
| 产 品 名 称:<br>PRODUCT NAME | A11                                                                                                                                                       |
| 物 料 编 码:<br>PART No.     | 0403003-0014                                                                                                                                              |
| 产 品 规 格:<br>PRODUCT SPEC | Sensitivity specification: 8.1uH±10%<br>Magnetic specifications: 42.45*0.4<br>Wire specifications: 0.08*65*11Ts (21.7mm)<br>Length of outgoing line: 43mm |
| 日 期:<br>DATE             | 2025.06.03                                                                                                                                                |
| 版 本 型 号:<br>VERSION      | REV 1.0                                                                                                                                                   |

| 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        | First release            | Zhou Xiaoju      | 2025-06-03 |            |
|                |                          |                  |            |            |

| 制定/PREPARED BY | 审核/CHECKED BY | 核准/APPROVED BY |
|----------------|---------------|----------------|
| 李小云            | Zhou Xiaoju   |                |

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

Company Name: Shenzhen Chenxing Electronic Technology Co., Ltd

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## 产品规格 SPECIFICATION

### 一、Product dimensions

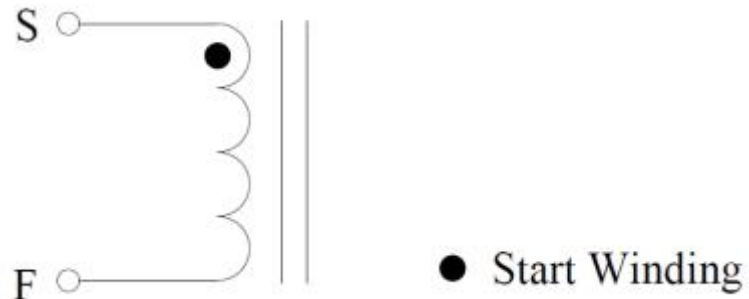
|  |                             |                                                   |
|--|-----------------------------|---------------------------------------------------|
|  | diameter A                  | 42.4±0.5mm                                        |
|  | outer diameter B            | 40±1.5mm                                          |
|  | inner diameter C            | 21.7±0.5mm                                        |
|  | thickness D                 | <1.4mm                                            |
|  | Line length E               | 43mm±3mm                                          |
|  | Solder length F             | 3±2mm                                             |
|  | Magnetic opening diameter G | 5±0.3mm                                           |
|  | Magnetic thickness          | 0.5±0.05mm                                        |
|  | Magnetic disk shape         | Circular double groove                            |
|  | Adhesive thickness          | Ordinary double-sided adhesive tape on both sides |
|  | Shattered black film        | N/A                                               |

We statement that All measurements were performed radiated and therefore additional antenna gain documentation is not required.

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## 二、schematic diagram



## 三、Winding parameters

| 端子<br>TERMINAL |   | 线径<br>WIRE                           | 圈数<br>Turns | 绕线方向<br>Winding Direction |
|----------------|---|--------------------------------------|-------------|---------------------------|
| S              | F | 0.08*65P Double stranded and winding | 11Ts        | CCW                       |

## 四、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            | L: 8.1uH±10%        | 100KHz/1.0V            | LCZ METER 1062B         |
|            |                |                     |                        |                         |

## 五、Product physical image:



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