



# 深圳市宸兴电子科技有限公司

## 产品规格书

### PRODUCT SPECIFICATION FOR APPROVAL

|              |                                                |
|--------------|------------------------------------------------|
| 客户名称:        | 欧派奇                                            |
| CUSTOMER     |                                                |
| 产品名称:        | Transmitting coil (PB-105T)                    |
| PRODUCT NAME |                                                |
| 物料编码:        | 111020170R                                     |
| PART No.     |                                                |
|              | Sensitivity specification: 6.3uH $\pm$ 10%     |
|              | Disk specification: 35*5.3*1 single slot       |
| 产品规格:        | Wire specification: Enamel wire 0.08*24*2*12Ts |
| PRODUCT SPEC | (14mm inner diameter / 33mm outer diameter)    |
|              | Wire length: 5mm                               |
| 日期:          | May 26, 2026                                   |
| DATE         |                                                |
| 版本型号:        | REV 1.0                                        |
| 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                     | 周小菊              | 2026-05-26 |                |
|                |                          |                  |            |                |
| 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 |  |  |
|-----------------------------------------------------|--|--|

附上的是产品规格书，有任何疑问，请及时反馈给我们，谢谢!

公司名称：深圳市宸兴电子科技有限公司

工厂地址：深圳市宝安区新安街道大宝路 51 号新柯城科技工业园 1 栋 5 楼

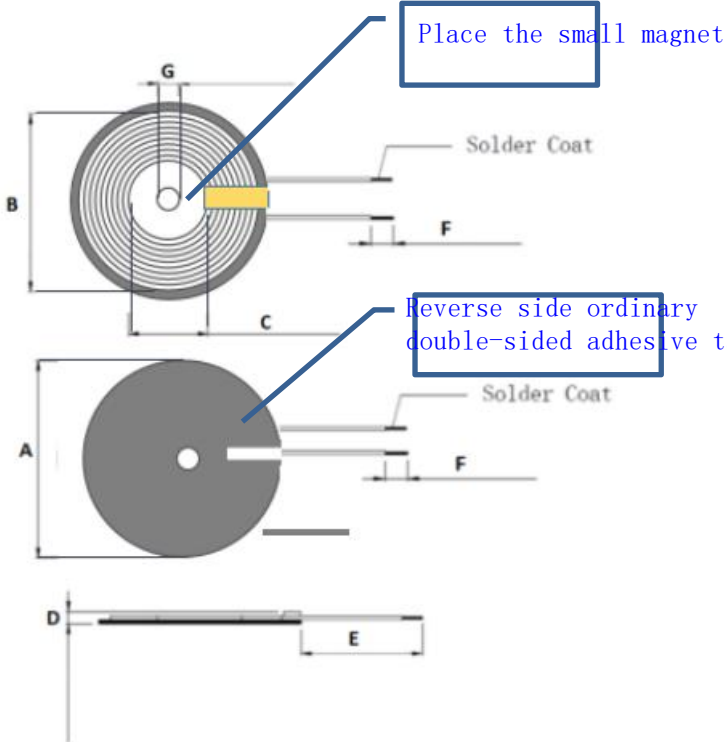


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## 产 品 规 格

## SPECIFICATION

### 1. Product dimensions

|                                                                                    |                                                |                                    |
|------------------------------------------------------------------------------------|------------------------------------------------|------------------------------------|
|  | Disk diameter A                                | $35\pm 0.5\text{mm}$               |
|                                                                                    | Outer diameter of the coil B                   | $33\pm 1\text{mm}$                 |
|                                                                                    | Inner diameter of the coil C                   | $14\pm 0.5\text{mm}$               |
|                                                                                    | Product thickness D                            | $< 2.1\text{mm}$                   |
|                                                                                    | Outlining length E                             | $5\text{mm}\pm 2\text{mm}$         |
|                                                                                    | Welding solder length F                        | $3\pm 2\text{mm}$                  |
|                                                                                    | Diameter of the opening on the magnetic disk G | $5\pm 0.3\text{mm}$                |
|                                                                                    | Disk thickness                                 | $0.95\pm 0.05\text{mm}$            |
|                                                                                    | Disk shape                                     | Circular single-slot               |
|                                                                                    | Backsheet thickness                            | Regular double-sided adhesive tape |
|                                                                                    | Magnet specifications                          | 5*2 N52                            |

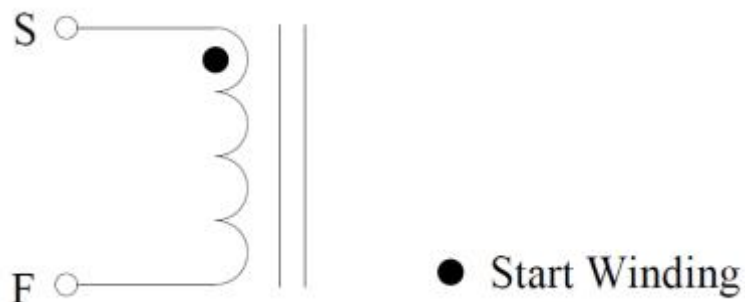
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## II. Schematic Diagram



## III. Winding Parameters

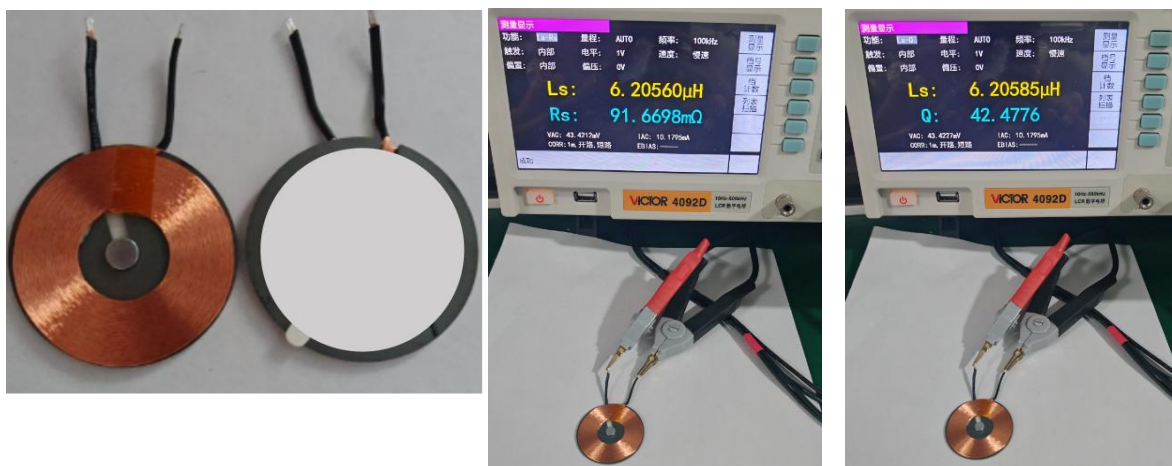
| 端子<br>TERMINAL |   | 线径<br>WIRE                                                               | 圈数<br>Turns | 绕线方向<br>Winding Direction |
|----------------|---|--------------------------------------------------------------------------|-------------|---------------------------|
| S              | F | Enamel-coated wire, 0.08 inches in diameter, 24 strands twisted together | 12Ts        | CCW                       |

## IV. Electrical Characteristics:

温度 TEMPERATURE:25±10°C, 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: 6.3uH±10%        | 100KHz/1.0V            | VICTOR 4092D            |

## V. Product Images (Physical product with a 5mm outlet, without sleeve)



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