

## 承 認 書

## SPECIFICATION FOR APPROVAL

|           |                                       |
|-----------|---------------------------------------|
| 客 戶       |                                       |
| CUSTOMER: |                                       |
| 產 品 品 名 : |                                       |
| CUST P/N: | TX-无线充发射线圈模组                          |
| 產 品 型 號:  |                                       |
| FINE P/N: | PB180W                                |
| 產 品 規 格   |                                       |
| DESC:     | TX43.5*0.8-12TS-0.08*24P*2-6.5UH-50MM |
| 日 期       |                                       |
| DATE:     | 2025/07/09                            |
| 版 本:      |                                       |
| Version:  | A.0                                   |

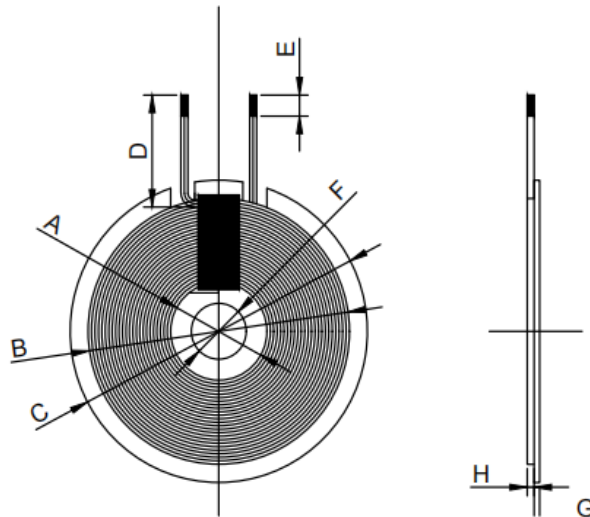
深圳市天夏科技有限公司  
Manufacturer: Shenzhen Tianxia Technology Co., Ltd.

地址：深圳市宝安区33区C33科创园523-525  
Address: Room 523-525, C33 Science Park, Zone 33, Baoan District, Shenzhen

TEL: 18718699959  
E-mail: 2321113770@qq.com



## SPECIFICATION

|                                                                                                                                 |                |                                             |                       |                        |                           |
|---------------------------------------------------------------------------------------------------------------------------------|----------------|---------------------------------------------|-----------------------|------------------------|---------------------------|
| 产 品 规 格<br>DESC                                                                                                                 |                | TX43.5*0.8-12TS-0.08*24P*2<br>---6.5UH-50MM | 版 本<br>Rev: A.0       | 客 户 CUST:              |                           |
|                                                                                                                                 |                |                                             |                       | 客 户 料 号 CUST P/N:      | PB180W                    |
| 一、尺寸 DIMENSION:(mm)<br><br>                    |                |                                             |                       | A                      | 13±0.5                    |
|                                                                                                                                 |                |                                             |                       | B                      | 38±1                      |
|                                                                                                                                 |                |                                             |                       | C                      | 43.5±0.5                  |
|                                                                                                                                 |                |                                             |                       | D                      | 50±2                      |
|                                                                                                                                 |                |                                             |                       | E                      | 3±1                       |
|                                                                                                                                 |                |                                             |                       | F                      | 5.3±0.3                   |
|                                                                                                                                 |                |                                             |                       | G                      | 0.8±0.05                  |
|                                                                                                                                 |                |                                             |                       | H                      | 0.6±0.05                  |
|                                                                                                                                 |                |                                             |                       |                        |                           |
|                                                                                                                                 |                |                                             |                       |                        |                           |
| Operation Frequency                                                                                                             |                | 100-500KHz                                  |                       |                        |                           |
| Antenna Type                                                                                                                    |                | Loop coil antenna                           |                       |                        |                           |
| Antenna gain:                                                                                                                   |                | 0dBi                                        |                       |                        |                           |
| We statement that All measurements were performed radiated and therefore additional antenna gain documentation is not required. |                |                                             |                       |                        |                           |
| 二、原理图 SCHEMATIC DIAGRAM<br><br>              |                |                                             |                       |                        |                           |
| 三、绕线参数 Winding Specification:                                                                                                   |                |                                             |                       |                        |                           |
| 序号<br>NO.                                                                                                                       | 端子<br>TERMINAL |                                             | 线径<br>WIRE            | 圈数<br>Turns            | 绕线方向<br>Winding Direction |
| 1                                                                                                                               | S              | F                                           | 0.08*24P*2            | 12Ts                   | CCW                       |
| 四、电气特性 ELECTRICAL CHARACTERISTICS:                                                                                              |                |                                             |                       |                        |                           |
| 温度 TEMPERATURE:25±10℃, 湿度 RELATIVE HUMIDITY:65±20%                                                                              |                |                                             |                       |                        |                           |
| 序号<br>NO.                                                                                                                       | 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   |
| 1                                                                                                                               | IND.           | S-F                                         | 2.8uH±10%单独线圈         | 100KHz/1.0V            | LCR METER 106X            |
| 2                                                                                                                               | IND.           | S-F                                         | 6.5uH±10%带磁片          | 100KHz/1.0V            | LCR METER 106X            |
| 3                                                                                                                               | DCR            | S-F                                         | 120mΩ Max             | 100KHz/1.0V            | LCR METER 106X            |
| 拟制/日期 PREPARED BY/DATE                                                                                                          |                |                                             | 审核/日期 CHECKED BY/DATE |                        |                           |
| 陈诚佳2025/07/09                                                                                                                   |                |                                             | 张燕 2025/07/09         |                        |                           |