

PRODUCT SPECIFICATION



|                   |             |
|-------------------|-------------|
| Specification No. | 20260104001 |
| Date              | 2026/1/4    |

|             |                                                   |
|-------------|---------------------------------------------------|
| Description | A11 Single coil                                   |
| Part No.    | TX-HBY20230808002-50 Open double slots10TS L=45MM |
| Model       |                                                   |

Anfu County Hui Minya Electronics Co., Ltd  
Jintian Township, Anfu County, Ji'an City, Jiangxi Province

This acknowledgement letter must be signed and returned by the customer within 30 days of receipt. Failure to do so will result in production being carried out in accordance with the standards of this acknowledgement letter.

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

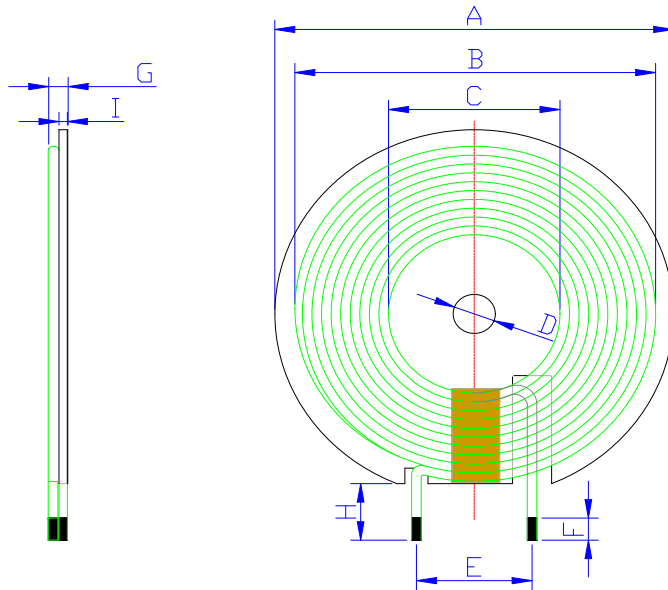
PRODUCT SPECIFICATION

|                               |                                    |                   |             |
|-------------------------------|------------------------------------|-------------------|-------------|
| Customer Name                 | YongXin Electronics Co., Ltd       | Model             |             |
| Part No.                      | TX-HBY20230601014-43.5 10TS L=45MM | Specification No. | 20260104001 |
| 发行Release/修订记录Revision Record |                                    |                   |             |
| Issue                         | Date                               | Reason For Change | Revisor     |
| 01                            | 2026/1/4                           | Initial Release   |             |
|                               |                                    |                   |             |
|                               |                                    |                   |             |

# PRODUCT SPECIFICATION

|          |                                  |                   |             |       |    |
|----------|----------------------------------|-------------------|-------------|-------|----|
| Part No. | TX-HBY20230808002-50 10TS L=45MM | Specification No. | 20260104001 | Issue | 01 |
|----------|----------------------------------|-------------------|-------------|-------|----|

## ◆、外形尺寸OVERALL DIMENSIONS OF PRODUCTS



| (Unit: mm) |             |
|------------|-------------|
| A          | 50.0 ±0.5   |
| B          | 42.0 ±0.5   |
| C          | 20.5 ±0.5   |
| D          | 5.3Ref ±0.5 |
| E          | 10.0 Ref    |
| F          | 3.0 ±1.0    |
| G          | 2.5 ±0.5    |
| H          | 45.0 ±1.0   |
| I          | 0.8 ±0.1    |

## ◆、Winding parameter

| No. | Line specification | Number of coils | Whether the trailing lines cross |
|-----|--------------------|-----------------|----------------------------------|
| 1   | 0.08*105P          | 10Ts            | YES                              |

## ◆、电子特性ELECTRICALCHARACTERISTICS:

| parameter | Measured value | Test equipment | test instrument |  |  |
|-----------|----------------|----------------|-----------------|--|--|
| L0        | 6.5±0.3μH      | 100KHz/1V      | ■TH1816B        |  |  |
| Q         | >60min         | 100KHz/1V      | ■TH1816B        |  |  |
| DCR       | <50mΩ          | @ 25℃          | ■CH-502BC       |  |  |

## ◆、温度等级TEMPERATURE:

|      |            |
|------|------------|
| 操作温度 | -40℃~ 125℃ |
|------|------------|

## ◆、工作频率operating frequency

|   |                                        |
|---|----------------------------------------|
| 1 | 110-205kHz Antenna :Coil Antenna, 0dBi |
|---|----------------------------------------|

## ◆、材料清单BILL OF MATERIAIS:

| 序号<br>NO. | 品名<br>Material name    | 材料规格<br>Description | 供应商<br>Vendor code | 备注 |  |  |
|-----------|------------------------|---------------------|--------------------|----|--|--|
| 1         | 磁片magnetic sheet       | 50*0.8*5.3 开双槽      | PC95               |    |  |  |
| 2         | 铜线 copper wire         | 0.08*105P           | 丙铜丝包线              |    |  |  |
| 3         | 高温胶带 double-sided tape | 8MM                 | 环保胶带               |    |  |  |
| 4         | 锡tin                   | 107H                | 千岛环保锡              |    |  |  |
| 5         | 胶glue                  | 黄胶yellow glue       | 环保胶水               |    |  |  |
| 6         | 胶 glue                 | =48.5               | 环保                 |    |  |  |