

SPECIFICATION APPROVAL

|                      |                                                |                     |    |             |                                                                      |           |  |  |  |                       |  |
|----------------------|------------------------------------------------|---------------------|----|-------------|----------------------------------------------------------------------|-----------|--|--|--|-----------------------|--|
| 产品型号:<br>D E S T:    | Ø13.8*0.08*105P*12TS-<br>6.5UH-30mm/43.5*0.8双槽 | 版<br>本:<br>VERSION: | V0 | 客<br>户:     | 东莞先邦智能科技有限公司<br>Dongguan Xianbang Intelligent<br>Technology Co., Ltd |           |  |  |  |                       |  |
|                      |                                                |                     |    | 客 户 料<br>号: | 25.21121-2                                                           |           |  |  |  |                       |  |
|                      |                                                |                     |    | 煜 耀 料<br>号: | Y-25211212                                                           |           |  |  |  |                       |  |
| 一、尺寸 DIMENSION: (mm) |                                                |                     |    |             | A                                                                    | 5.3±0.5   |  |  |  |                       |  |
|                      |                                                |                     |    |             | B                                                                    | 43.5±0.5  |  |  |  |                       |  |
|                      |                                                |                     |    |             | C                                                                    | 13.8±0.5  |  |  |  |                       |  |
|                      |                                                |                     |    |             | D                                                                    | 39±1      |  |  |  |                       |  |
|                      |                                                |                     |    |             | E                                                                    | 30-1/+2.5 |  |  |  |                       |  |
|                      |                                                |                     |    |             | F                                                                    | 3±1.5     |  |  |  |                       |  |
|                      |                                                |                     |    |             | G                                                                    | 0.8±0.1   |  |  |  |                       |  |
|                      |                                                |                     |    |             | H                                                                    | 2.5 Max   |  |  |  |                       |  |
|                      |                                                |                     |    |             | I                                                                    |           |  |  |  |                       |  |
|                      |                                                |                     |    |             | J                                                                    |           |  |  |  |                       |  |
|                      |                                                |                     |    |             | K                                                                    |           |  |  |  |                       |  |
|                      |                                                |                     |    |             | L                                                                    |           |  |  |  |                       |  |
|                      |                                                |                     |    |             | 制定/日期 PREPARED BY/DATE                                               |           |  |  |  | 审核/日期 CHECKED BY/DATE |  |
|                      |                                                |                     |    |             |                                                                      |           |  |  |  |                       |  |

MANUFACTURER: DONGGUAN YUYAO ELECTRONIC TECHNOLOGY CO., LTD

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二、原理图 SCHEMATIC DIAGRAM:

S

F

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*105P丝包线 | 12TS        | 逆时针                       |

四、电气特性 ELECTRICAL CHARACTERISTICS:

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

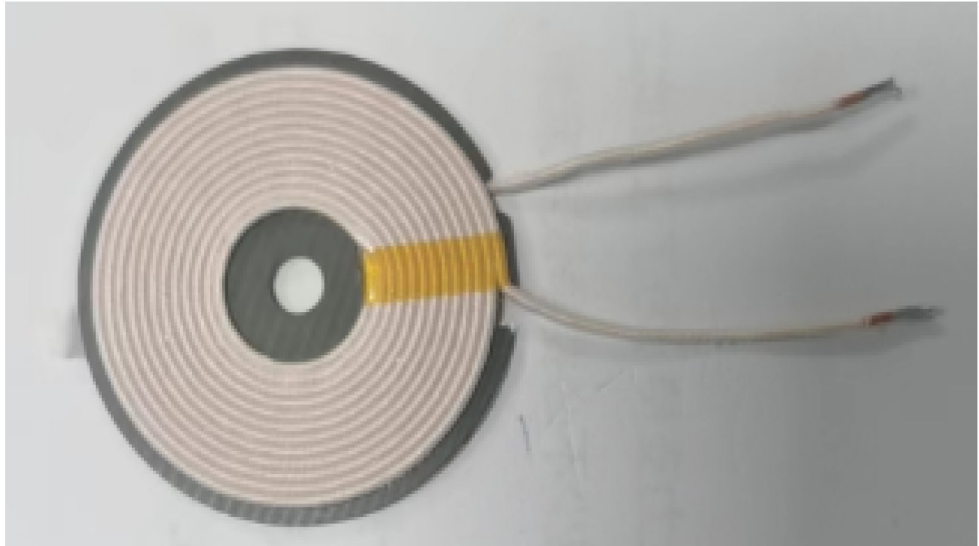
| 序号<br>NO | 项目<br>ITEM | 端子<br>TERMINAL | 标准<br>SPECIFICATION | 测试条件<br>TEST FREQUENCY | 测试仪器<br>TEST EQUIPMENTS |
|----------|------------|----------------|---------------------|------------------------|-------------------------|
| 1        | IND        | S-F            | 3.6UH±10%单线圈        | 100KHZ/1V              | LCZ METER1062B          |
| 2        | IND        | S-F            | 6.3UH±10%带磁片        | 100KHZ/1V              | LCZ METER1062B          |
| 3        | DCR        | S-F            | 50mΩ MAX            | 1KHZ/1V                | TH2810                  |
| 4        | Q值         | S-F            | 52MIN               | 100KHZ/1V              | LCZ METER1062B          |

|                        |                       |
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五，产品实物图 PRODUCT PICTURE



六、材料清单 MATERIAL LIST

| 序号<br>NO | 材料名称<br>MATERIAL<br>NAME | 品名描述<br>DESCRIPTION   | 制造商<br>MANUFACTURER |
|----------|--------------------------|-----------------------|---------------------|
| 1        | 线 材                      | 0.08*105P丝包线          | RH                  |
| 2        | 磁 片                      | Ø43.5*5.3*0.8mm铁氧体硬磁片 | KHF                 |
| 3        | 锡 条                      | 高温环保锡                 | DB                  |
| 4        | 胶 水                      | BE885-9007            | BR                  |
| 5        | 胶 带                      | 5mm高温胶带               |                     |
| 6        | 背 胶                      | 双面胶                   |                     |
| 7        | 包 装                      | 珍珠棉                   |                     |

|                                    |                          |
|------------------------------------|--------------------------|
| 备注：REMARK:以上物料符合ROHS 2.0+REACH环保要求 |                          |
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|                                    |                          |

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