



# Shenzhen Zhide Electronics Co., LTD

## SPECIFICATION FOR APPROVAL

CUSTOMER:

Wei yuan

CUST P/N:

34200017

LCX P/N:

ZD-WY

DESC:

Ø 20.5\*39-0.08\*24\*2-10TS-8mm-5.3\*43.5CC

DATE:

2024/1/24

Version:

A.0

| fabrication<br>PREPARED BY | examine and<br>verify<br>CHECKED BY | ratify<br>APPROVED BY      | Customer acknowledges<br>CUSTOMER APPROVE |
|----------------------------|-------------------------------------|----------------------------|-------------------------------------------|
| Tian Peng<br>2024/1/24     | Xiao-qi li<br>2024/1/24             | Duan Renliang<br>2024/1/24 |                                           |

the earth Address: 6th floor, Building A, Jinli Industrial Park, Shangmugu Village, Pinghu Street, Longgang District, Shenzhen City

electricity Words: 0755-28265394

E-mail: [914996326@qq.com](mailto:914996326@qq.com)

|                                             |                                             |                                          |                                       |                                              |
|---------------------------------------------|---------------------------------------------|------------------------------------------|---------------------------------------|----------------------------------------------|
| Product specification book<br>SPECIFICATION |                                             | edition<br>A/0                           | Production:<br>Tian Peng<br>2024/1/24 | Review: Duan<br>Renliang<br>2024 / 1 /<br>24 |
| Drawing number: ZD-WY                       |                                             | Page code:<br>2 / 4                      | customer code:                        |                                              |
|                                             |                                             | Customer<br>material number:<br>34200017 |                                       |                                              |
| specifications and<br>models                | Ø 20.5*39-0.08*24*2-10TS-<br>8mm-5.3*43.5CC |                                          | Internal<br>material number:<br>ZD-WY |                                              |
|                                             |                                             |                                          |                                       |                                              |

Version change resume

Version Change History

|                    |                                                   |                                                      |                                   |                                                                        |
|--------------------|---------------------------------------------------|------------------------------------------------------|-----------------------------------|------------------------------------------------------------------------|
| edit<br>ion<br>Rev | become different<br>change front<br>Before Change | become different<br>change<br>behind<br>After Change | Change the<br>date<br>Change Date | write<br>instructions or<br>comments on<br>standar<br>d<br>Approved By |
| A/0                | Initial issue                                     | -----                                                | 2024/1/24                         | Duan Renliang                                                          |
|                    |                                                   |                                                      |                                   |                                                                        |
|                    |                                                   |                                                      |                                   |                                                                        |
|                    |                                                   |                                                      |                                   |                                                                        |
|                    |                                                   |                                                      |                                   |                                                                        |
|                    |                                                   |                                                      |                                   |                                                                        |
|                    |                                                   |                                                      |                                   |                                                                        |

Bill Of Material

Bill of material

|                 |                     |                          |                                   |      |            |         |
|-----------------|---------------------|--------------------------|-----------------------------------|------|------------|---------|
| order<br>number | name of material    | Internal material number | Material specifications           | unit | dosag<br>e | remarks |
| 1               | coil                |                          | Enameled wire 0.08 * 24P<br>* 2   | can  | 2.813      |         |
| 2               | Hard magnetic sheet |                          | 43.5*5*0.65.3                     | PCS  | 1          |         |
| 3               | gum                 |                          | 8 * 42.5 * 0.08 (thin<br>section) | PCS  | 1          |         |
|                 |                     |                          |                                   |      |            |         |
|                 |                     |                          |                                   |      |            |         |
|                 |                     |                          |                                   |      |            |         |

|                                                                                                              |                                                                                                            |                                                                              |                                                                                                         |
|--------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|
| <div> <div>Product specification book</div> <div>SPECIFICATION</div> </div> <div>Drawing number: ZD-WY</div> | <div> <div>ed</div> <div>it</div> <div>io</div> <div>n</div> <div>A</div> <div>/</div> <div>1</div> </div> | <div> <div>Production: Tian</div> <div>Peng</div> <div>202/1/24</div> </div> | <div> <div>Review:</div> <div>Duan</div> <div>Renliang</div> <div>2024 / 1 /</div> <div>24</div> </div> |
|                                                                                                              | <div> <div>Pag</div> <div>e:</div> <div>3 /</div> <div>4</div> </div>                                      | <div>customer code:</div>                                                    |                                                                                                         |

|                                                                          |                                                                             |                                                          |  |
|--------------------------------------------------------------------------|-----------------------------------------------------------------------------|----------------------------------------------------------|--|
| <div> <div>specifica</div> <div>tions and</div> <div>models</div> </div> | <div> <div>Ø 20.5*39-0.08*24*2-10TS-</div> <div>8mm-5.3*43.5CC</div> </div> | <div>Customer material</div> <div>number: 34200017</div> |  |
|                                                                          |                                                                             | <div>Internal material</div> <div>number: ZD-WY</div>    |  |

|            |         |           |            |         |       |           |            |           |     |     |     |     |     |
|------------|---------|-----------|------------|---------|-------|-----------|------------|-----------|-----|-----|-----|-----|-----|
| A          | B       | C         | D          | E       | F     | H         | H1         | H2        | --- | --- | --- | --- | --- |
| 20.5 ± 0.5 | 39- ± 1 | 5.3 ± 0.5 | 43.5 ± 0.5 | 3 ± 0.5 | 8 ± 1 | 0.6 ± 0.1 | 0.65 ± 0.1 | 1.5 ± 0.4 | --- | --- | --- | --- | --- |

一、 Dimension DIMENSION: (mm) winding die Ø 20.5 coil single weight: 2.673

Figure 1:coil

Figure 2:Hard disk

Figure 3:Coil and diskette combination

Note: magnetic coil double-surface tape.

1. The coil is wound according to figure 1, and the leads cross out. 2..3

3. Start and end of coil and magnetic sheet. (Coil is affixed non-flat).4. Stick with D8\*42.5\*0.08mm double-sided adhesive tape on the back of the magnetic sheet.

|                                                                        |
|------------------------------------------------------------------------|
| <div>2. Schematic diagram of the SCHEMATIC DIAGRAM:</div> <div> </div> |
|------------------------------------------------------------------------|

|                                                        |                                         |                                                 |                                                                 |                                                        |                                                               |
|--------------------------------------------------------|-----------------------------------------|-------------------------------------------------|-----------------------------------------------------------------|--------------------------------------------------------|---------------------------------------------------------------|
| <div>3. Winding parameter Winding Specification:</div> |                                         |                                                 |                                                                 |                                                        |                                                               |
| <div>order</div> <div>numbe</div> <div>r</div>         | <div>terminal</div> <div>TERMINAL</div> | <div>Line</div> <div>diamete</div> <div>r</div> | <div>Wire</div> <div>decomposition</div> <div>temperature</div> | <div>number of</div> <div>turns</div> <div>Turns</div> | <div>direction of</div> <div>winding</div> <div>Winding</div> |

[Type words]

[Type words]

[Type words]

| NO                                                                                                                                    |                                          |                               | WIRE                         | Temperature        |                                  | Direction                                         |
|---------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|-------------------------------|------------------------------|--------------------|----------------------------------|---------------------------------------------------|
| L1                                                                                                                                    | S                                        | F                             | Enameled wire 2 * 0.08 * 24P | At 180-250 degrees | 10TS                             | anticlockwise                                     |
| 4. Electrical characteristics ELECTRICAL CHARACTERISTIC::<br>Temperature TEMPERATURE: 25 ± 10°C, humidity RELATIVE HUMIDITY: 65 ± 20% |                                          |                               |                              |                    |                                  |                                                   |
| order number NO                                                                                                                       | Magnetic sheet material<br>Disk material | reciprocal sensitivity<br>LS  | Q<br>price                   | impedance<br>DCR   | test condition<br>TEST FREQUENCY | measuring and test instruments<br>TEST EQUIPMENTS |
| L1                                                                                                                                    |                                          | 4.0 uH ± 10%<br>(single coil) | >20                          | 84m Ω ± 10%        | 100KHz/1.0V                      | 4091C                                             |
| L2                                                                                                                                    | Hard magnetic sheet                      | 6.5 uH ± 10% (lamp)           | >30                          | 84m Ω ± 10%        | 100KHz/1.0V                      | 4091C                                             |

|                                                    |                                         |                        |                                       |                                                 |
|----------------------------------------------------|-----------------------------------------|------------------------|---------------------------------------|-------------------------------------------------|
| <u>Product specification book</u><br>SPECIFICATION |                                         | editio<br>n<br><br>A/0 | Production: Tian<br>Peng<br>2024/1/24 | Review:<br>Duan<br>Renliang<br>2024 / 1 /<br>24 |
| Drawing number: ZD-WY                              |                                         | Page: 4<br>/ 4         | customer code:                        |                                                 |
| specifica<br>tions and<br>models                   | Ø 20.5*39-0.08*24*2-10TS-8mm-5.3*43.5CC |                        | Customer material<br>number: 34200017 |                                                 |
|                                                    |                                         |                        | Internal material<br>number: ZD-WY    |                                                 |

- 五、Packaging method Packing way:
- 1. One grid 9 PCS
  - 2. One layer of the 360 PCS
  - 3. One box of five-layer 1800 PCS / box

