

Product specification document



| | |
|-----------------------|-------------|
| Specificati on number | 20231024001 |
| effective date | 2023/10/24 |

| | |
|---------------------------|---|
| customer name | |
| product type | Naked copper coil |
| Hui Bo Ya material number | TD-HBY20231024001-40 single-slot L=20MM |
| Customer Material Number | |

【 New specification issue , Version revision】 【 This specification contains 3 pages of contents 】 【 RoHS Compliant Parts 】

| aurhorized personnel | examine and verify | approver |
|----------------------|--------------------|----------|
| Xiao Shufang | Peng Yong | Zhu Hui |

Anfu County HuiBoya Electronics Co., LTD

This acknowledgement must be signed and returned within 30 days after the customer receives it, and overdue production shall be regarded as following the standards of this acknowledgement.

【Customer approval】

date:

Recognition state:

Full recognition

conditional recognition

refusal of recognition

| approver | examine and verify | recheck | check |
|----------|--------------------|---------|-------|
| | | | |

说明:

Product specification document

| | | | |
|---------------------------|--|---------------------------|-------------|
| customer name | | Customer Material Number | |
| Hui Bo Ya material number | TD-HBY20231024001-40 single-slot L=20MM | specification number | 20231024001 |
| 发行/修订记录 | | | |
| versions | effective date | Content/Reason for change | authorizer |
| 01 | 2023/10/24 | New specification issue | |
| authorized personnel | | examine and verify | approver |
| Xiao Shufang | | Peng Yong | Zhu Hui |

Product specification document

| | | | | | |
|---------------------------|---|--------------------------|-------------|----------|-----|
| customer name | | Customer Material Number | | | |
| Hui Bo Ya material number | TD-HBY20231024001-40 single-slot L=20MM | specification number | 20231024001 | versions | 001 |

| | | | | | | | | | | | | | | | | | | | |
|----------------------------|---|---|---------|---|-----------|---|-----------|---|-----|---|----------|---|------|---|---------|---|---------|---|--|
| <p>◆、outline dimension</p> | <p style="text-align: center;">(Unit : mm)</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td>A</td><td>40.0 ±1</td></tr> <tr><td>B</td><td>38.0 ±1.5</td></tr> <tr><td>C</td><td>20.5 ±0.5</td></tr> <tr><td>D</td><td>5.3</td></tr> <tr><td>E</td><td>15.0 ref</td></tr> <tr><td>F</td><td>3 ±1</td></tr> <tr><td>G</td><td>1.8 Max</td></tr> <tr><td>H</td><td>20.0 ±2</td></tr> <tr><td>I</td><td>0.80 ±0.1(Thickness of magnetic sheet)</td></tr> </table> <p>(1)Wire diameter: 0.08*24P bare copper wire (2)Number of windings: 10TS (3)Whether the starting and ending lines cross: Yes. (4)Coil 6MM high temperature adhesive tape (5)Coil and magnetic sheet should be stuck in the center. (6)White adhesive is attached to the back of the magnetic disk.</p> | A | 40.0 ±1 | B | 38.0 ±1.5 | C | 20.5 ±0.5 | D | 5.3 | E | 15.0 ref | F | 3 ±1 | G | 1.8 Max | H | 20.0 ±2 | I | 0.80 ±0.1(Thickness of magnetic sheet) |
| A | 40.0 ±1 | | | | | | | | | | | | | | | | | | |
| B | 38.0 ±1.5 | | | | | | | | | | | | | | | | | | |
| C | 20.5 ±0.5 | | | | | | | | | | | | | | | | | | |
| D | 5.3 | | | | | | | | | | | | | | | | | | |
| E | 15.0 ref | | | | | | | | | | | | | | | | | | |
| F | 3 ±1 | | | | | | | | | | | | | | | | | | |
| G | 1.8 Max | | | | | | | | | | | | | | | | | | |
| H | 20.0 ±2 | | | | | | | | | | | | | | | | | | |
| I | 0.80 ±0.1(Thickness of magnetic sheet) | | | | | | | | | | | | | | | | | | |

| ◆、electrical specification: | | | |
|-----------------------------|----------------|----------------|--------------------|
| parameter | specifications | test condition | Testing instrument |
| L0 | 6.5 ±5% μH | 100KHz/1V | ■ TH1816B |
| Q | >40 | 100KHz/1V | ■ TH1816B |
| DCR | <50 mΩ | @ 25°C | ■ CH-502BC |

| | |
|-----------------------|--------------|
| ◆、Temperature grade: | |
| operating temperature | -40°C~ 125°C |

| ◆、bill of materials: | | | | | |
|----------------------|-----------------------|---------------------------|----------|--------------------------------------|--|
| serial number | name of an article | material specifications | supplier | remarks | |
| 1 | magnetic sheet | 40*5.3*0.8T Billing slot | | PC95 fierce zinc | |
| 2 | copper wire | 0.08*24P bare copper wire | | bare copper wire | |
| 3 | high-temperature tape | 6MM | | Eco-friendly adhesive tape | |
| 4 | tin | 107H | | Qiandao environmental protection tin | |
| 5 | glue | Yellow gum | | eco-friendly adhesive | |

| | | |
|----------------------|--------------------|----------|
| authorized personnel | examine and verify | approver |
| Xiao Shufang | Peng Yong | Zhu Hui |