

Product specification book

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|---------------|-------------------------------------|----------------------|-------------|-------------|
| Customer name | JMTek Industries(Shenzhen) Co.,Ltd | | | |
| Part number | | Specification number | 20220805001 | versions 01 |

◆、 SIZE

| (mm) | |
|------|-----------|
| A | 43.5 ±1 |
| B | 40.0 ±1.5 |
| C | 20.5 ±0.5 |
| D | 5.7 |
| E | 18.0 ref |
| F | 3 ±1 |
| G | 1.7 Max |
| H | 30.0 ±2 |
| I | 0.65 ±0.1 |

(1) Wire diameter: 0.08*24P bare copper wire
(2) Winding number :10TS
(3) Whether the starting and ending lines cross: Yes
(4) Coil package 8mm wide high-temperature tape
(5) The coil and magnetic disc need to be pasted in the center

◆、 Electrical characteristic:

| argument | specification | Test condition | Testing instrument |
|----------|---------------|----------------|--------------------|
| L0 | 6.8 ±10% μH | 100KHz/1V | ■TH1816B |
| Q | >60 min | 100KHz/1V | ■TH1816B |
| DCR | <50 mΩ | @ 25℃ | ■CH-502BC |

◆、 Temperature class:

| | |
|-----------------------|------------|
| Operating temperature | -40℃~ 125℃ |
|-----------------------|------------|

◆、 List of materials:

| number | name | specification | Supplier | note |
|--------|-----------------------|----------------|-----------------------------------|------|
| 1 | Magnetic sheet | 43.5*5.3*0.65T | PC95hydrazin | |
| 2 | Copper wire | 0.08*24P | Bare copper wire | |
| 3 | High-temperature tape | 8MM | Eco-friendly adhesive tape | |
| 4 | tin | 107H | Thousand island environmental tin | |
| 5 | glue | Yellow gum | Eco-friendly glue | |
| 6 | glue | | | |
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