

# 产品规格书

## PRODUCT SPECIFICATION

客户名称:

CUSTOMER:

产品名称:

PRODUCT NAME:

R1206S Series Fuse

型号规格:

MODEL DETAIL:

料 号:

PART NO.:

惠州市大容电子科技有限公司

HuiZhou DaRong Electronic Technology CO.,LTD

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| 编 制<br>PREPARED BY | 审 核<br>CHECKED BY | 批 准<br>APPROVED BY |
|--------------------|-------------------|--------------------|
| 宁小明                | 谭诚                | 徐焕                 |

| 承 认<br>SIGNATURE | 审 核<br>CHECKED BY | 批 准<br>APPROVED BY |
|------------------|-------------------|--------------------|
|                  |                   |                    |

供方签章:

SUPPLIER:

日期:

DATE: 2023.05.04

需方签章:

CUSTOMER:

日期:

DATE:

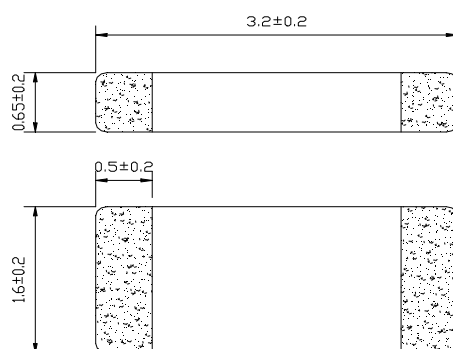
## 1. 适用范围 Scope of application

本产品适用于各种电子电路中起过电流保护作用。

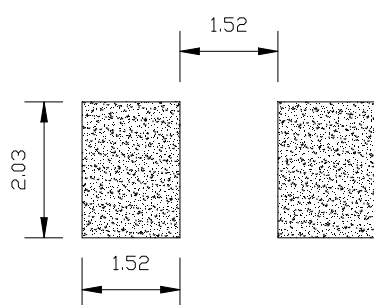
This product is suitable for various kinds of electronic machines to work for over current protection.

## 2. 结构尺寸及原材料明细 Structure Size and Material Detail

- 结构尺寸 Structure Size (unit: mm)



- 封装推荐 Recommended land pattern(unit:mm)



- 原材料明细 Material Detail

- |          |                                |
|----------|--------------------------------|
| ➤ 电极:银   | Electrode: Silver              |
| ➤ 涂层:玻璃浆 | Coating: Glass cover           |
| ➤ 端头:镀银  | End Termination: Silver plated |
| ➤ 熔丝:银   | Fuse element: Silver           |
| ➤ 基片:陶瓷  | Substrate: Ceramic             |

### 3. 产品编号&标示 Part No.&Mark

| 产品编号<br>Part No. | 额定电流<br>Rated Current | 额定电压<br>Rated Voltage |  | 产品标示<br>Marking |
|------------------|-----------------------|-----------------------|--|-----------------|
| R1206S050        | 0.5A                  | 63V/72V               |  | 0.5             |
| R1206S100        | 1A                    |                       |  | H               |
| R1206S150        | 1.5A                  |                       |  | K               |
| R1206S200        | 2A                    |                       |  | N               |
| R1206S250        | 2.5A                  |                       |  | O               |
| R1206S300        | 3A                    |                       |  | P               |
| R1206S350        | 3.5A                  |                       |  | R               |
| R1206S400        | 4A                    |                       |  | S               |
| R1206S450        | 4.5A                  |                       |  | X               |
| R1206S500        | 5A                    | 24V/32V               |  | T               |
| R1206S600        | 6A                    |                       |  | F               |
| R1206S700        | 7A                    |                       |  | 7               |
| R1206S800        | 8A                    |                       |  | M               |
| R1206S1000       | 10A                   |                       |  | U               |
| R1206S1200       | 12A                   |                       |  | W               |
| R1206S1500       | 15A                   |                       |  | Y               |
| R1206S2000       | 20A                   |                       |  | Q               |
| R1206S2500       | 25A                   |                       |  | L               |
| R1206S3000       | 30A                   |                       |  | Z               |

### 4. 电气特性 Electrical Characteristics

时间-电流特性

Time-Current Characteristics

| 额定电流<br>Rated Current | 额定电流百分比<br>% of Ampere Rating |        |        |        |          |
|-----------------------|-------------------------------|--------|--------|--------|----------|
|                       | 100%                          | 250%   | 300%   | 350%   | 1000%    |
| 0.5A-5A               | 4 hours min                   | 5s Max | 0.1-3s | -      | 0.2-20ms |
| 6A-30A                | 4 hours min                   | -      | -      | 5s Max | 0.1-10ms |

- 实验条件：所有测试环境温度为 25±5℃。

Test Condition: All electrical characteristics tests are conducted at an ambient temperature of 25±5℃

- 额定分断能力:

Interrupting Rating: 50 Amperes

- 冷热冲击试验:

Thermal Shock Tset: MIL-STD-202G, Method 107G。

- 防潮湿试验:

Anti-humidity Test: MIL-STD-202G, Method 106G。

- 振动试验:

Vibration Test: MIL-STD-202G, Method 201A。

• 可焊性试验:

Solderability Test: MIL-STD-202G, Method 208H, IEC60127-2, IEC60068-2。

## 5. 焊锡参数 Soldering parameters

• 波峰焊 Wave Soldering

➤ 温度 Temperature: 260℃

➤ 时间 Time : ≤10 second

• 手工焊锡 Hand Soldering

➤ 温度 Temperature : 380℃

➤ 时间 Time : ≤3 secon

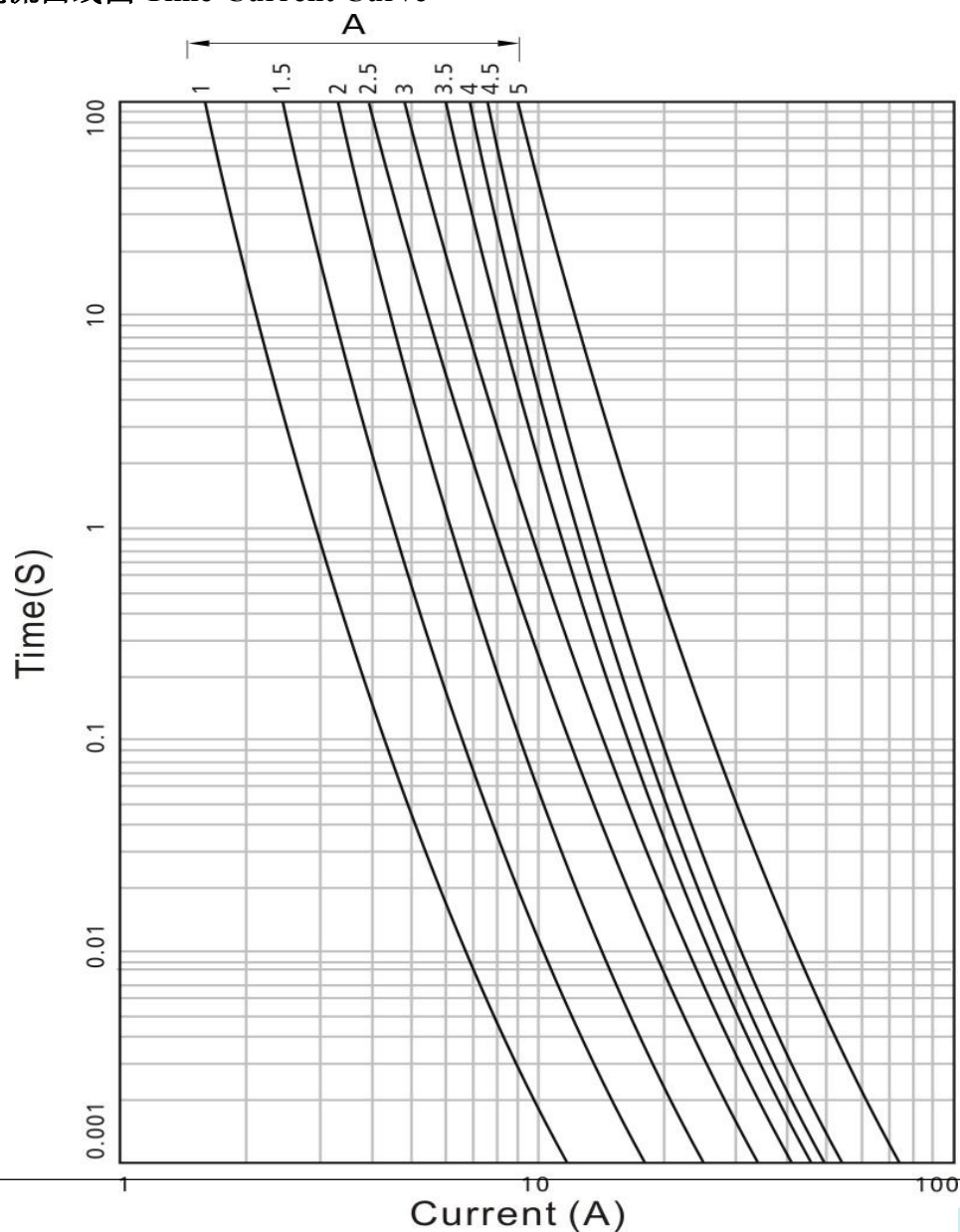
• 回流焊 Reflow Slodering

➤ 温度 Temperature : 260℃

➤ 时间 Time : ≤10 second

➤ 最大可以承受三次回流焊 Capable for three times reflow

## 6. 时间-电流曲线图 Time-Current Curve



## 7. 环境特性 Environmental characteristics

- 使用温度范围:  
Operating Temperature:  $-40^{\circ}\text{C}\sim 125^{\circ}\text{C}$ 。
- 保存条件:  
Storage Conditions: 相对湿度 $\leq 75\%$ 可以存放 3 年  
Relative humidity  $\leq 75\%$ ,store 3 years.

## 8. 产品符合 RoHS 环保指令

The product is compliant with RoHS Directive

## 9. 包装 Packing

- 自动机器包装 3000PCS/卷。 Automaton taped 3000 pcs per coil
- 包装尺寸 Packing size

