

产品规格书

PRODUCT SPECIFICATION

客户名称:

CUSTOMER:

产品名称:

PRODUCT NAME:

R1206F 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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供方签章:

SUPPLIER:

日期:

DATE: 2023.05.04

需方签章:

CUSTOMER:

日期:

DATE:

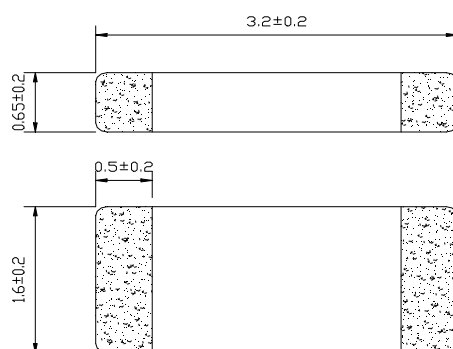
1. 适用范围 Scope of application

本产品适用于各种电子电路中起过电流保护作用。

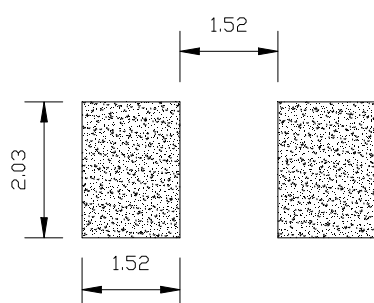
This product is suitable for various kinds of electronic machines to work for over current protection.

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 Part No.	额定电流 Rated Current	额定电压 Rated Voltage		产品标示 Marking
R1206F050	0.5A	63V/72V		0.5
R1206F100	1A			H
R1206F150	1.5A			K
R1206F200	2A			N
R1206F250	2.5A			O
R1206F300	3A			P
R1206F350	3.5A			R
R1206F400	4A			S
R1206F450	4.5A			X
R1206F500	5A	24V/32V		T
R1206F600	6A			F
R1206F700	7A			7
R1206F800	8A			M
R1206F1000	10A			U
R1206F1200	12A			W
R1206F1500	15A			Y
R1206F2000	20A			Q
R1206F2500	25A			L
R1206F3000	30A			30

4. 电气特性 Electrical Characteristics

时间-电流特性

Time-Current Characteristics

	额定电流百分比 % of Ampere Rating				
	额定电流 Rated Current 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

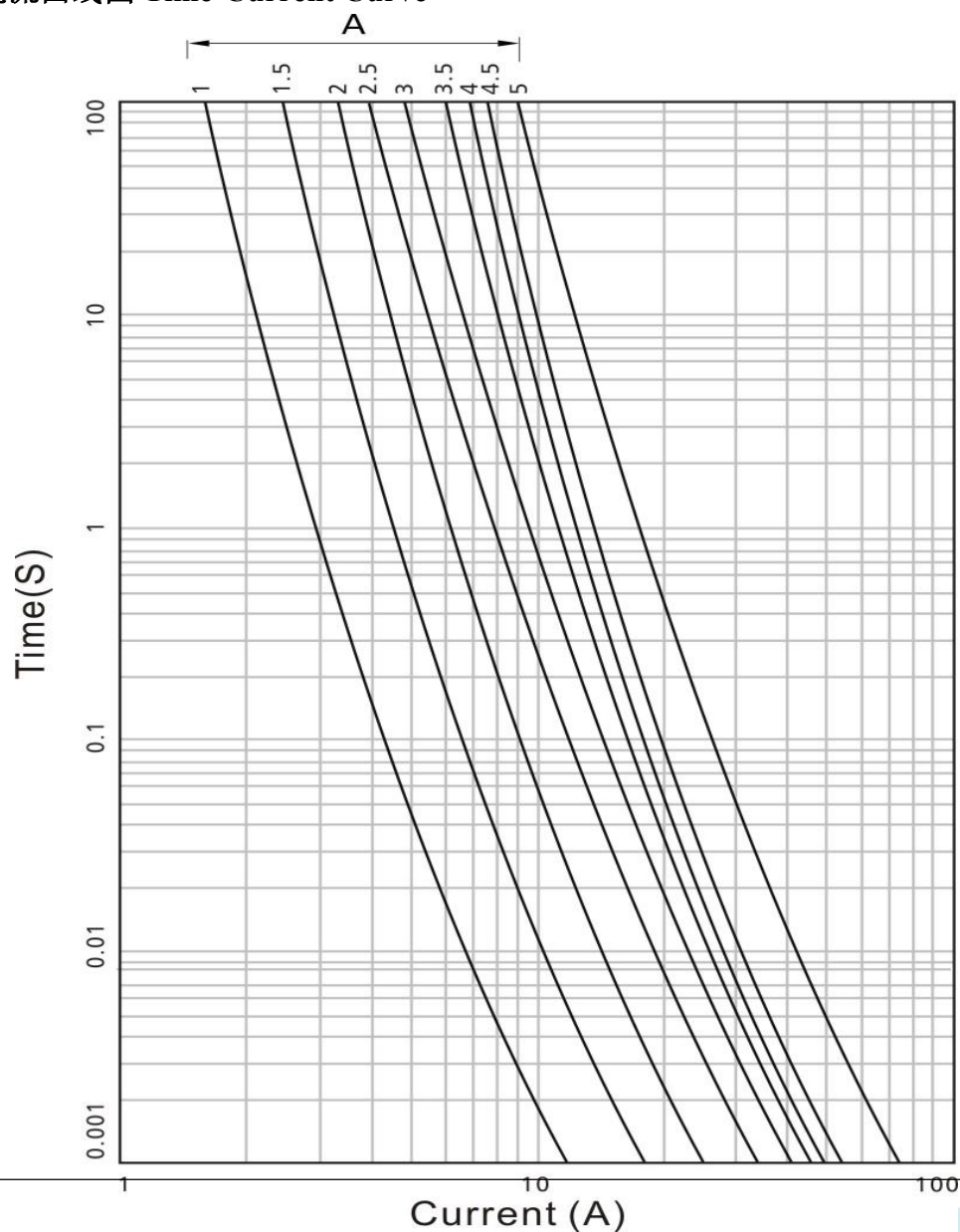
• 回流焊 Reflow Slodering

➤ 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: 相对湿度 $\leq 75\%$ 可以存放 3 年
Storage Conditions: 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 5000PCS/卷。 Automaton taped 5000 pcs per coil
- 包装尺寸 Packing size

