

产品规格承认书

SPECIFICATION FOR APPROVAL

客户名称:

CUSTOMER: _____

产品名称:

PRODUCT NAME: 贴片保险丝 SMD FUSE

型号:

MODEL NO.: 24FC (RoHS)

规格:

SPECIFICATION: 24FC (50mA-30A) Fast acting Series

料号:

PART NO.: _____

供应商:

SUPPLIER: 东莞市安伏特电子科技有限公司
Dongguan Ampfort Electronics Co., Ltd.

编制 PREPARED BY	审核 CHECKED BY	批准 APPROVED BY
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供方签章:

SUPPLIER:

需方签章 :

CUSTOMER:



日期:

DATE:

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	SPECIFICATION	FILE NO.	C-005-28
	MODEL: 24FC	PAGE	PAGE 1 OF4

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. 相关标准及认证 Relevant Standards and Certification

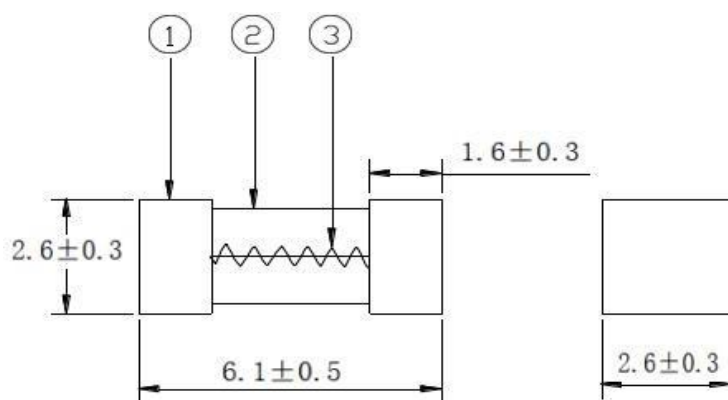
2.1 执行标准 Standard: UL248-1、UL248-14

2.2 认证 Certification

认证 Certification	认证范围 Scope of Certification	证书编号 Certification No.
UL	50mA~30A	E505058
UL	50mA~30A	E505058

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

3.1 结构尺寸 Structure Size (unit: mm)



3.2 原材料明细 Material Detail、

编号 No.	零件名称 Part Name	材质 Material
①	端帽 End cap	黄铜表面镀金 Gold plated brass
②	陶瓷管 Ceramic tube	陶瓷 Ceramic
③	熔丝 Fuse element	合金线 Alloy

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4. 标示 Mark

4.1 保险丝上需有下列标示: The fuse shall have the following marking:

标志 Logo 

额定电流 Ampere rating

5. 电气特性 Electrical Characteristics

5.1 实验条件: 所有测试环境温度为 $25\pm 5^{\circ}\text{C}$ 。

Test Condition: All electrical characteristics tests are conducted at an ambient temperature of $25\pm 5^{\circ}\text{C}$.

5.2 时间-电流特性

Time-Current Characteristics

额定电流的% % of ampere rating	熔断时间 Opening time
125%	1 hours Min (大于 1小时)
200%	120 s Max (小于 120秒)

5.3 额定分断能力: Interrupting Rating:

50 Amperes at 125 V/250 V/300V/350V AC (50mA~30A)

50 Amperes at 32V/60V/72V/80V/125V DC (50mA~30A)

6. 环境特性 Environmental Characteristics

6.1 使用温度范围 Operating Temperature

$-40^{\circ}\text{C}\sim 125^{\circ}\text{C}$ 。

6.2 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.

7. 可靠性试验 Reliability Test

7.1 冷热冲击试验 Thermal Shock Test

MIL-STD-202G, Method 107G。

7.2 防潮湿试验 Moisture Resistance Test

MIL-STD-202G, Method 106G。

7.3 振动试验 Vibration Test

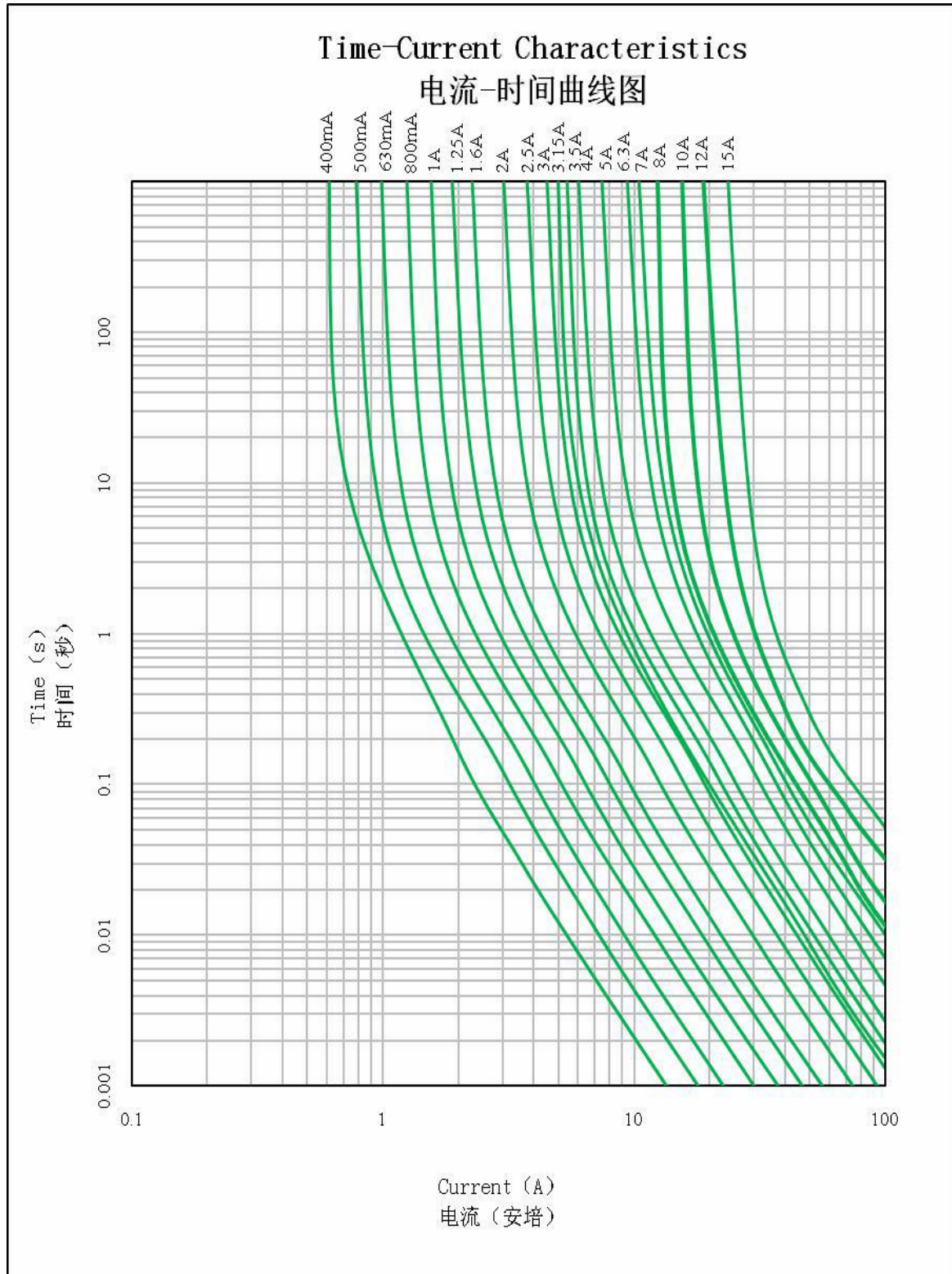
MIL-STD-202G, Method 201A。

7.4 可焊性试验 Solderability Test

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

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8. 时间-电流曲线图 Time-Current Curve



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9. 焊锡参数 Soldering Parameters

9.1 回流焊 Reflow Soldering

- 9.1.1 温度 Temperature 260°C
- 9.1.2 时间 Time ≤ 5 seconds
- 9.1.3 最大可以承受三次回流焊

Capable for three times reflow

9.2 波峰焊 Wave Soldering

- 9.2.1 温度 Temperature 260°C
- 9.2.2 时间 Time ≤ 5 seconds

9.3 手工焊锡 Hand Soldering

- 9.3.1 温度 Temperature 280°C
- 9.3.2 时间 Time ≤ 3 seconds

10. 包装 Packing

10.1 自动机器包装 1000PCS/卷。Automaton taped 1000PCS per reel.

10.2 包装尺寸 Packing Size (unit: mm)

