

规格承认书

Specification for approval

产品名称: 3.6*10 T10A 250V 慢断型玻璃保险丝

Product Type: 3.6*10 T10A 250V Slow-acting Glass Fuse

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1. 适用范围 Scope of application

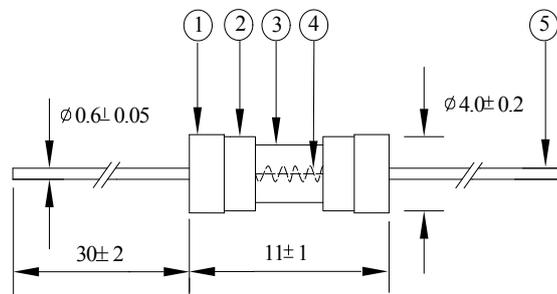
本产品适用于各种电子电器内的电路中起过电流保护作用。

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

执行标准 Standard: UL248-1 UL248-14

3. 结构及尺寸 Structure and Size (unit: mm)



4. 原材料明细 Material Details

编号 No.	零件名称 Part Name	材质 Material
①	端帽 End cap	黄铜表面镀镍 Nickel plated brass
②	内帽 Inner cap	黄铜表面镀镍 Nickel plated brass
③	玻璃管 Glass tube	玻璃 Glass
④	熔丝 Fuse element	合金线 Alloy
⑤	引线 Lead wire	镀锡铜线 Tinned copper wire

5. 标示 Marking

保险丝铜帽上应印有下列标示: The fuse shall have the following marking

额定电流+额定电压

Ampere rating + Voltage rating

10A

250V

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6. 外观 Appearance

6.1 外观不应有显著的污点、裂纹。

There shall not be any remarkable stain, rust or crack on the appearances.

6.2 标示应该很容易辨识。

Marking shall be easily legible.

7. 机械特性 Mechanical characteristics

拉力强度试验 Tensile test

将保险丝固定好后，对保险丝两端引线施加 10N 的轴向拉力，持续 1 分钟。试验过后，保险丝没有任何破损现象。

Exert the axial pulling force of 10N to the both ends of lead wire for 1 minute. After the test the fuse shall be no damage and loosening.

8. 电气特性 Electrical characteristics

8.1 实验条件 Test condition

所有测试环境温度均为 $25\pm 5^{\circ}\text{C}$ 。

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

8.2 分断能力 Interrupting Rating

50 安培在 125 伏交流电压条件下。

50 amperes at 125V AC.

50 安培在 250 伏交流电压条件下。

50 amperes at 250V AC.

8.3 温度上升试验 Temperature Rising Test

当保险丝通以 100% 倍额定电流的条件下进行测试时，在达到热量平衡后，测量保险丝的温度，保险丝表面的温度上升不得超过 75°C 。

注：温度上升 = 保险丝表面的温度 - 环境温度

Measure the temperature of the surface of the fuse under the 100% rated current, when the thermal equilibrium reached, The temperature rising on the fuse surface is not higher than 75°C .

Note: Temp. rise = Fuse temp. - Ambient temp.

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8.4 时间-电流特性 Time-Current Characteristics

额定电流的% % of ampere rating	熔断时间 Opening time
100%	4 hours Min
200%	60 sec Max
1000%	10ms Min

8.5 焊接参数 Soldering parameters

8.5.1 波峰焊 260℃,最大10秒,
Wave soldering 260 °C,10 sec. Maximum

8.5.2 手工焊 350℃,最大5秒,
Manual soldering 350 °C, 5 sec. Maximum

9. 环境特性 Environmental characteristics

9.1 使用温度范围 Operating Temperature
-55℃~125℃。

9.2 保存条件 Storage Conditions
相对湿度≤75%，可存放3年。
Relative humidity≤75%, store 3 years .

10. 包装 Packing

10.1 200PCS/小袋、10小袋/内盒、10内盒/外箱(实际装箱依客户订单)。
200 fuses per plastic bag, 10 plastic bags per inner box, 10 inner boxes per external carton.
(The actual case in accordance with the customer order)

10.2 产品符合 RoHS 环保指令
The product is compliant with RoHS Directive