



产 品 规 格 书

PRODUCT SPECIFICATION

客 户 名 称: CUSTOMER:	
产 品 名 称: PRODUCT NAME:	贴片保险丝
产 品 描 述: Product description:	4012 贴片保险丝 慢断 编带
型 号/ 规 格: Model/specification:	40T 6.3A250V
料号 Part Number :	
日 期: Date:	2025 年 4 月 3 日

供应商-泓达 Supplier-Hongda		确认合格章 Confirm qualified Signet	客 户 Customer	零件承认章 Approval Signet
编 制 PREPARED	李红			
审 核 CHECKED	钱磊			
批 准 APPROVED	孙嘉利			



变更履历

序号	日期	修订内容	版本	文件编号	制订	审核
1	2020/7/12	新发文件	A/1	HD/E40122	Jimmy Qian	孙嘉利



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.

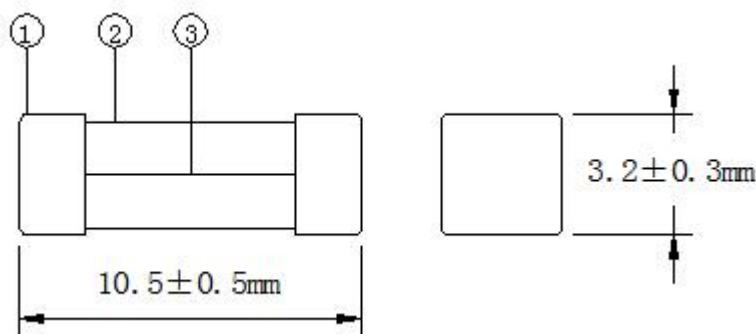
2. 相关标准及认证 Relevant Standards

2.1 执行标准 Standard: UL248-1、UL248-14

认证 Certification	认证范围 Scope of Certification	证书编号 Certification No.
UL/CUL (Recognized)	32mA~20A 65V/125V/250V DC	E318938
UL/CUL (Recognized)	32mA-20A 125V/250V/300V/350V /600V AC	E318938
UL/CUL (Recognized)	25A-100A 72V/125V/250V AC/DC	E500244
TUV	15A 250V/20A250V/30A250V	J 50609026

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	黄铜表面镀银 Silver plated brass
②	陶瓷管 Ceramic tube	陶瓷 Ceramic
③	熔丝 Fuse element	合金线 Alloy

4. 标示 Mark

4.1 保险丝上需有下列标示:

The fuse shall have the following marking:

泓达标志 + 额定电流

HONGDA's logo+ Ampere rating



6.3A



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 Ampere Rating	额定电流的% % of Ampere Rating	熔断时间 Opening Time
32mA~100A	200%	60 S Max.(小于 60 秒)
32mA~100A	1000%	1ms Min.(大于 10 毫秒)

5.3 额定分断能力:

Interrupting Rating:

DC 32V/60V/65V/72V/125V/250V 500A

AC 72V/125V/250V/300V/350V 1000A

AC 600V 200A

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

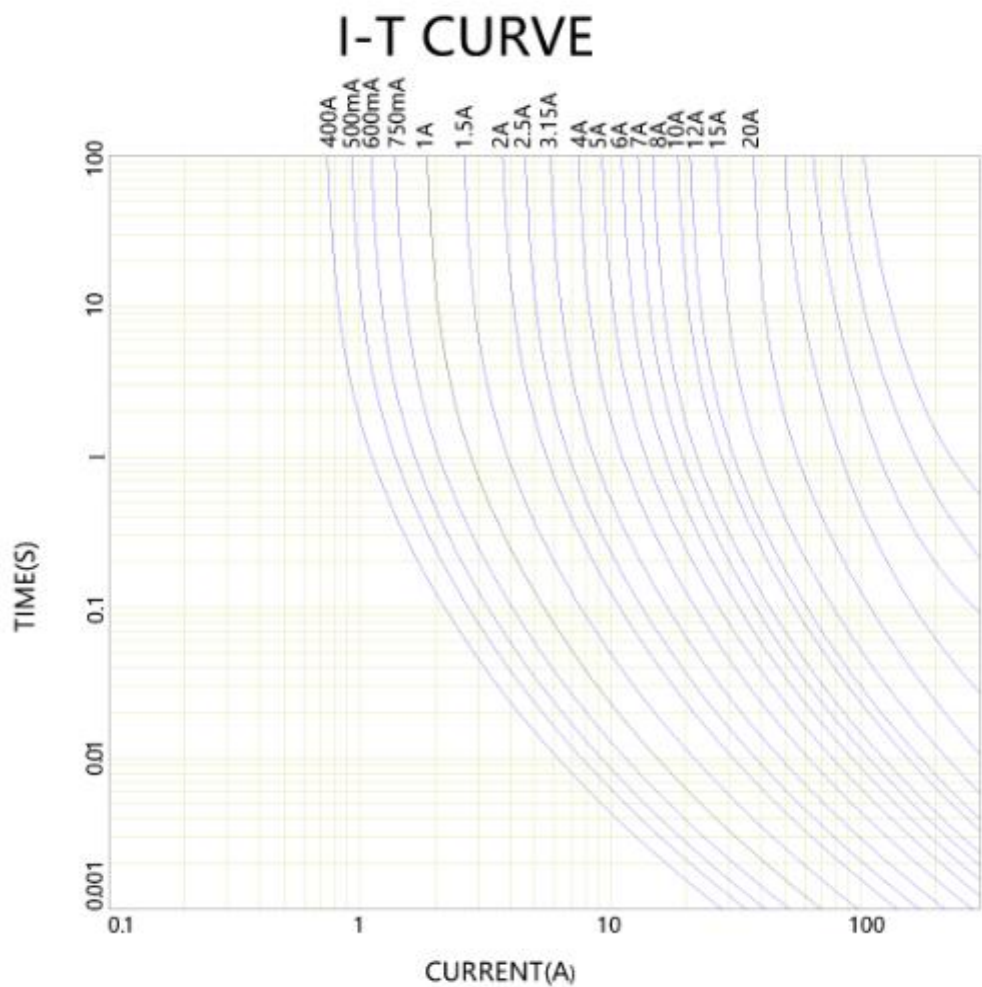
MIL-STD-202G, Method 201A。

7.4 可焊性试验 Solderability Test

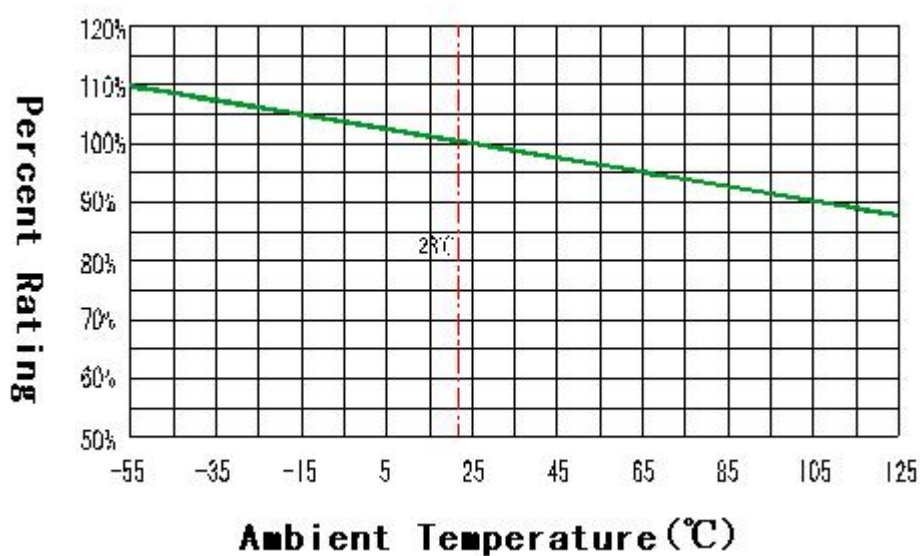
MIL-STD-202G, Method 208H, IEC60127-2, IEC60068-2。



8. 时间-电流曲线图 Time-Current Curve



9. 温度-电流负荷比曲线 Temperature-Current Curve





10. 焊锡参数 Soldering Parameters

10.1 回流焊 Reflow Soldering

10.1.1 温度 Temperature 260℃

10.1.2 时间 Time ≤10 seconds

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

10.2 手工焊锡 Hand Soldering

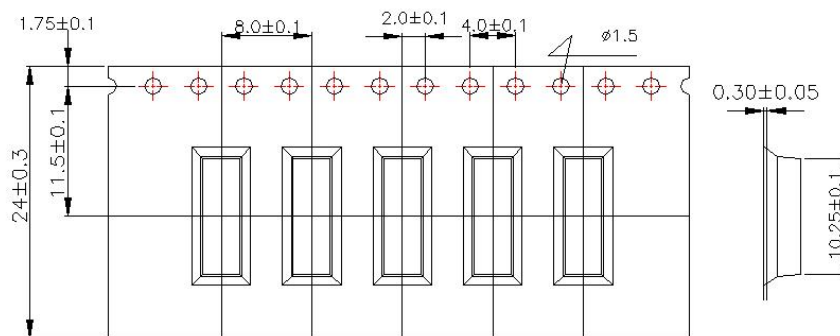
9.2.1 温度 Temperature 380℃

9.2.2 时间 Time ≤3 seconds

11. 包装 Packing

11.1 自动机器包装 **2500PCS/卷**。Automaton taped **2500PCS** per reel.

11.2 包装尺寸 Packing Size (unit: mm)



12. 其他 Others

12-1 如果在使用中有超出本规格书的要求，必须经由双方协商确认。

In the event that an impropriety is found beyond this specification ,it shall be fixed by mutual agreement between the parties.

12-2 如果本规格书有不适当的情况，必须通过双方协商并由本公司修改。

In the event that an impropriety is found in this specification , HONGDA ELECTRONIC CO., LTD. shall amend it by mutual agreement between the parties.

附：承认书后附安规证书及环保报告

Appendix: The specification attached safety certificate and RoHS directive test report.