

SHENZHEN LANSON ELECTRONICS CO., LTD.	PRODUCT	EDITION NO.	A/0
	SPECIFICATION	FILE NO.	LS/C-005-34
	MODEL: 32E	PAGE	PAGE 1 OF 4

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

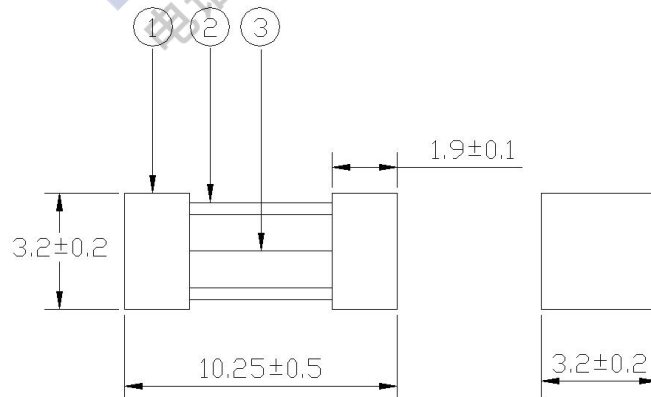
2.1 执行标准 Standard: UL248-1、UL248-14

2.2 认证 Certification

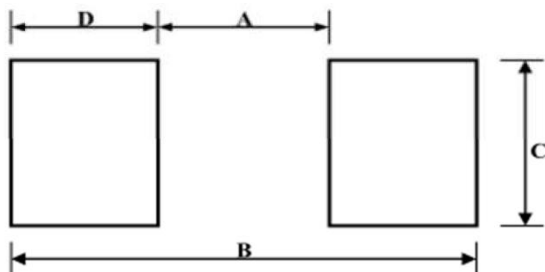
认证 Certification	认证范围 Scope of Certification	证书编号 Certification No.
UL	100mA~60A	E221465
CQC	500mA-10A	CQC22012372532

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)



Recommended pad layout



Dimensions	A(mm)	B (mm)	C(mm)	D(mm)
Spec	5.72±0.3	12.6±0.3	3.43±0.3	3.25±0.3


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

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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:

良胜标志 Lanson's logo 

额定电流 Ampere rating 2A

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
100%	4 hours Min
200%	< 60 s

5.3 额定分断能力:

Interrupting Rating:

150 Amperes at 125 V /250 V AC (100mA ~60A)

600 Amperes at 100V/ 72V/60V DC (100mA ~60A)

1000 Amperes at 32V DC (100mA ~60A)

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.

6.3 库存产品超过 1 年后需对产品可焊性和产品熔断性能进行验证。

The solderability and performance of the products in stock shall be verified after more than 1 year.

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。

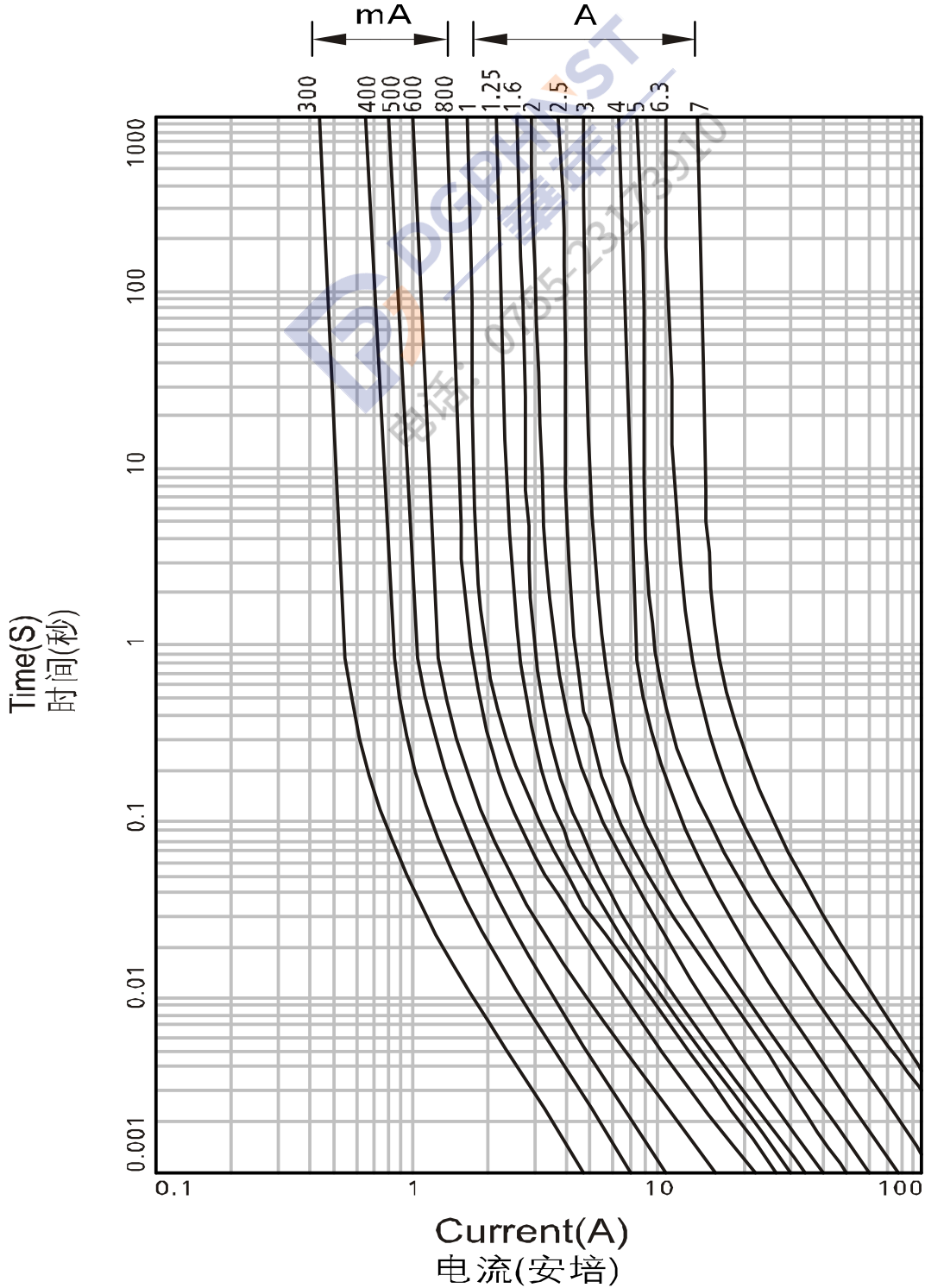
7.5 焊锡附着力试验 Solder adhesion test

保险丝上锡后可以承受 3KG 的推力 Fuse can sustain 3KG thrust after tin.

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8. 时间-电流曲线图 Time-Current Curve

Time-Current Characteristics
电流-时间曲线图



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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℃

9.1.2 时间 Time ≤10 seconds

9.1.3 最大可以承受三次回流焊

Capable for three times reflow

10. 包装 Packing

自动机器包装 2000PCS/卷。Automaton taped 2000PCS per reel.



UL Product iQ™



JDYX2.E221465 - Fuses, Supplemental - Component

Fuses, Supplemental - Component

SHENZHEN LANSON ELECTRONICS CO LTD

E221465

A18TH BLDG

3 INDUSTRIAL ZONE

FUQIAO FUYONG TOWN, BAO'AN DISTRICT

SHENZHEN, GUANGDONG 518133 China

Cat. No.	Size mm(in)	Amps (A)	Volts (V)	Interrupting Rating (A)
Supplemental fuses				
5D	5.2 x 20 (0.20 x 0.79)	4-7	125Vac	100
		4-7	250Vac	100
		8-10	125Vac	100
		8-10	250Vac	100
5F	5.2 x 20 (0.20 x 0.79)	0.125-0.315	125Vac	35
		0.125-0.315	250Vac	35
		0.4-0.8	125Vac	35
		0.4-0.8	250Vac	35
		1-6.3	125Vac	35
		1-6.3	250Vac	35
5K	5.2 x 20 (0.20 x 0.79)	0.2-0.8	125Vac	35
		0.2-0.8	250Vac	35
		1-6.3	125Vac	63
		1-6.3	250Vac	63
		8-15	125Vac	50
		8-15	250Vac	50
5M	5.2 x 20 (0.20 x 0.79)	0.5-0.8	250Vac	1500
		1.0-3.15	250Vac	1500

12H	3.2 x 1.6 x 0.65 (0.13 x 0.06 x 0.03)	0.1-5	125Vac	50
		0.1-5	125Vdc	50
		0.1-5	63Vdc	50
		6-10	32Vdc	100
		12-30	24Vdc	300
Supplemental micro fuses: surface mount, cartridge enclosed				
24E	6.1 x 2.6 x 2.6 (0.24 x 0.10 x 0.10)	0.1-20	350Vac	50
		0.1-20	300Vac	50
		0.1-20	250Vac	50
		0.1-20	125Vac	50
		0.1-20	125Vdc	50
24F	6.1 x 2.6 x 2.6 (0.24 x 0.10 x 0.10)	0.1-7	125Vac	50
		0.1-7	250Vac	50
		0.1-7	125Vdc	50
32E	10.25 x 3.2 x 3.2 (0.40 x 0.13 x 0.13)	0.05-60	250Vac	100
		0.05-60	125Vac	100
		0.05-60	100Vdc	600
		0.05-60	72Vdc	600
		0.05-60	60Vdc	600
		0.05-60	32Vdc	1000

Marking: Company name and model designation.

Last Updated on 2022-02-09

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UL Product iQ™



JDYX8.E221465 - Fuses, Supplemental Certified for Canada - Component

Fuses, Supplemental Certified for Canada - Component

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		8-15	250Vac	50
5M	5.2 x 20 (0.20 x 0.79)	0.5-0.8	250Vac	1500

12H	3.2 x 1.6 x 0.65 (0.13 x 0.06 x 0.03)	0.1-5	125Vac	50
		0.1-5	125Vdc	50
		0.1-5	63Vdc	50
		6-10	32Vdc	100
		12-30	24Vdc	300
Supplemental micro fuses: surface mount, cartridge enclosed				
24E	6.1 x 2.6 x 2.6 (0.24 x 0.10 x 0.10)	0.1-20	350Vac	50
		0.1-20	300Vac	50
		0.1-20	250Vac	50
		0.1-20	125Vac	50
		0.1-20	125Vdc	50
24F	6.1 x 2.6 x 2.6 (0.24 x 0.10 x 0.10)	0.1-7	125Vac	50
		0.1-7	250Vac	50
		0.1-7	125Vdc	50
32E	10.25 x 3.2 x 3.2 (0.40 x 0.13 x 0.13)	0.05-60	250Vac	100
		0.05-60	125Vac	100
		0.05-60	100Vdc	600
		0.05-60	72Vdc	600
		0.05-60	60Vdc	600
		0.05-60	32Vdc	1000

Marking: Company name, model designation and the Recognized Component Mark for Canada,



Last Updated on 2022-02-09

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产品认证证书

证书编号: CQC22012372532

发证日期: 2022年12月30日

有效期至: 2027年12月29日

委托人名称 深圳市良胜电子有限公司
及注册地址 深圳市宝安区福永街道桥头富桥第三工业区二期 A18 幢(第二、三层)

制造商名称 深圳市良胜电子有限公司
及注册地址 深圳市宝安区福永街道桥头富桥第三工业区二期 A18 幢(第二、三层)

生产企业名称 深圳市良胜电子有限公司
及生产地址 深圳市宝安区福永街道桥头富桥第三工业区二期 A18 幢(第二、三层)

产品名称和系列、规格、型号 通用模件熔断体
32E T500mA L a.c.250V、32E T1A L a.c.250V、32E T1.25A L a.c.250V、32E T1.6A L a.c.250V、
32E T2A L a.c.250V、32E T2.5A L a.c.250V、32E T3.15A L a.c.250V、32E T4A L a.c.250V、
32E T5A L a.c.250V、32E T6.3A L a.c.250V、32E T8A L a.c.250V、32E T10A L a.c.250V

产品标准和技术要求 GB/T 9364.1-2015;GB/T 9364.4-2016

认证模式 产品型式试验+初次工厂检查+获证后监督

上述产品符合 CQC11-462125-2018 认证规则的要求, 特发此证。
证书有效期内本证书的有效性依据发证机构的定期监督获得保持。

DGPHNST
电话: 0755-23173910

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