

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

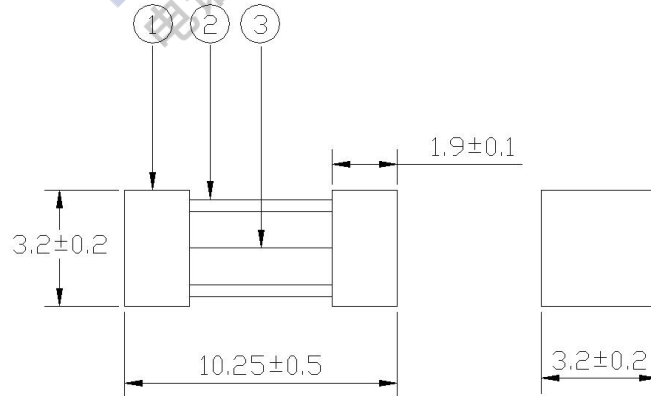
2.1 执行标准 Standard: UL248-1、UL248-14

2.2 认证 Certification

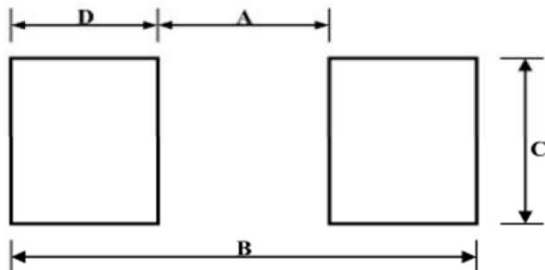
认证 Certification	认证范围 Scope of Certification	证书编号 Certification No.
UL	100mA~60A	E221465
CQC	500mA-10A	CQC22012372532

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

SHENZHEN LANSON ELECTRONICS CO., LTD.	PRODUCT	EDITION NO.	A/0
	SPECIFICATION	FILE NO.	LS/C-005-34
	MODEL: 32E	PAGE	PAGE 2 OF4

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 1A

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。

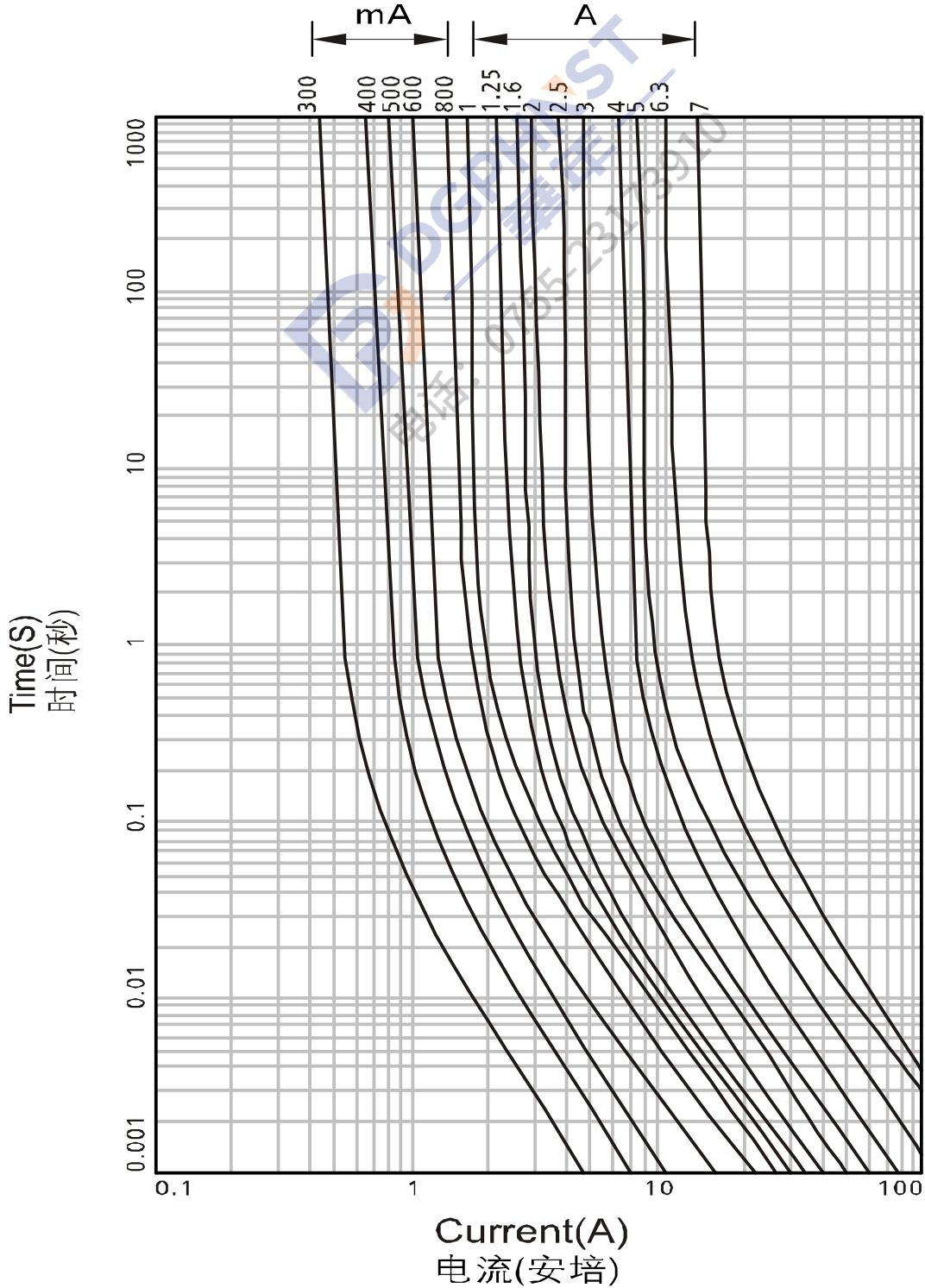
7.5 焊锡附着力试验 Solder adhesion test

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

SHENZHEN LANSON ELECTRONICS CO., LTD.	PRODUCT	EDITION NO.	A/0
	SPECIFICATION	FILE NO.	LS/C-005-34
	MODEL: 32E	PAGE	PAGE 3 OF 4

8. 时间-电流曲线图 Time-Current Curve

Time-Current Characteristics
电流-时间曲线图



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

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

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from UL" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "© 2022 UL LLC"

UL Product iQ™



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

Fuses, Supplemental Certified for Canada - 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

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

The appearance of a company's name or product in this database does not in itself assure that products so identified have been manufactured under UL's Follow-Up Service. Only those products bearing the UL Mark should be considered to be Certified and covered under UL's Follow-Up Service. Always look for the Mark on the product.

UL permits the reproduction of the material contained in the Online Certification Directory subject to the following conditions: 1. The Guide Information, Assemblies, Constructions, Designs, Systems, and/or Certifications (files) must be presented in their entirety and in a non-misleading manner, without any manipulation of the data (or drawings). 2. The statement "Reprinted from the Online Certifications Directory with permission from UL" must appear adjacent to the extracted material. In addition, the reprinted material must include a copyright notice in the following format: "© 2022 UL LLC"



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

可通过扫描下方二维码或登录国家认监委网站(www.cnca.gov.cn) 查验证书信息



签发: 谢肇煦



中国质量认证中心

