

SHENZHEN LANSON ELECTRONICS CO.,LTD.	PRODUCT	EDITION NO.	A/6
	SPECIFICATION	FILE NO.	LS/C- 005-32
	MODEL: 6N	PAGE	PAGE 1 OF 4

### 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.

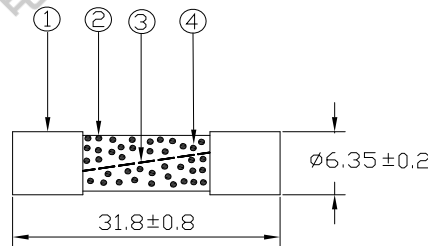
### 2. 相关标准及认证 Relevant Standards and Certification

2.1 执行标准 Standard: UL248-1 UL248-14

2.2 认证 Certification:

额定电压 Voltage rating	UL		CUL	
	认证范围 Scope of Certification	证书编号 Certification No.	认证范围 Scope of Certification	证书编号 Certification No.
125V	100mA~30A	E221465	100mA~30A	E221465
250V	100mA~30A	E221465	100mA~30A	E221465

### 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	陶瓷管 Ceramic Tube	陶瓷 Ceramic
③	熔丝 Fuse element	合金线 Alloy
④	填充物 Filling	硅砂 SiO <sub>2</sub>

### 5. 标示 Marking

保险丝两端铜帽上应印有下列标示: The fuse shall have the following marking :

A 帽: 额定电流+额定电压

A cap: Ampere rating + Voltage rating

5A                      250V

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B 帽: 良胜型号+良胜标志+认证符号

B cap: Lanson's model + Lanson's logo + Approved Symbol

6N



## 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. 电气特性 Electrical characteristics

7.1 实验条件 Test condition

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

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

7.2 分断能力 Interrupting Rating

10000 安培在 125 伏交流电压条件下。

10000 amperes at 125V AC.

35 安培在 250 伏交流电压条件下(500mA~1A)。

35 amperes at 250V AC(500mA~1A).

100 安培在 250 伏交流电压条件下(1.25A~3.5A)。

100 amperes at 250V AC(1.25A~3.5A).

200 安培在 250 伏交流电压条件下(4A~10A)。

200 amperes at 250V AC(4A~10A).

750 安培在 250 伏交流电压条件下(12A~30A)。

750 amperes at 250V AC(12A~30A).

7.3 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  $75^{\circ}\text{C}$ 。

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  $75^{\circ}\text{C}$ .

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

7.4 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
135%	1 hour Max
200%	120 sec Max
1000%	10ms Min

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7.5 时间电流曲线图见附页 Time- current curve see attachment

## 8. 环境特性 Environmental characteristics

### 8.1 使用温度范围 Operating Temperature

-55℃~125℃。

### 8.2 保存条件 Storage Conditions

相对湿度≤75%，可存放3年。

Relative humidity≤75%, store 3 years .

## 9. 包装 Packing

### 9.1 450PCS/小袋、2小袋/内盒、6内盒/外箱(实际装箱依客户订单)。

450 fuses per plastic bag, 2 plastic bags per inner box, 6 inner boxes per external carton.  
(The actual case in accordance with the customer order)

### 9.2 产品符合 RoHS 环保指令

The product is compliant with RoHS Directive

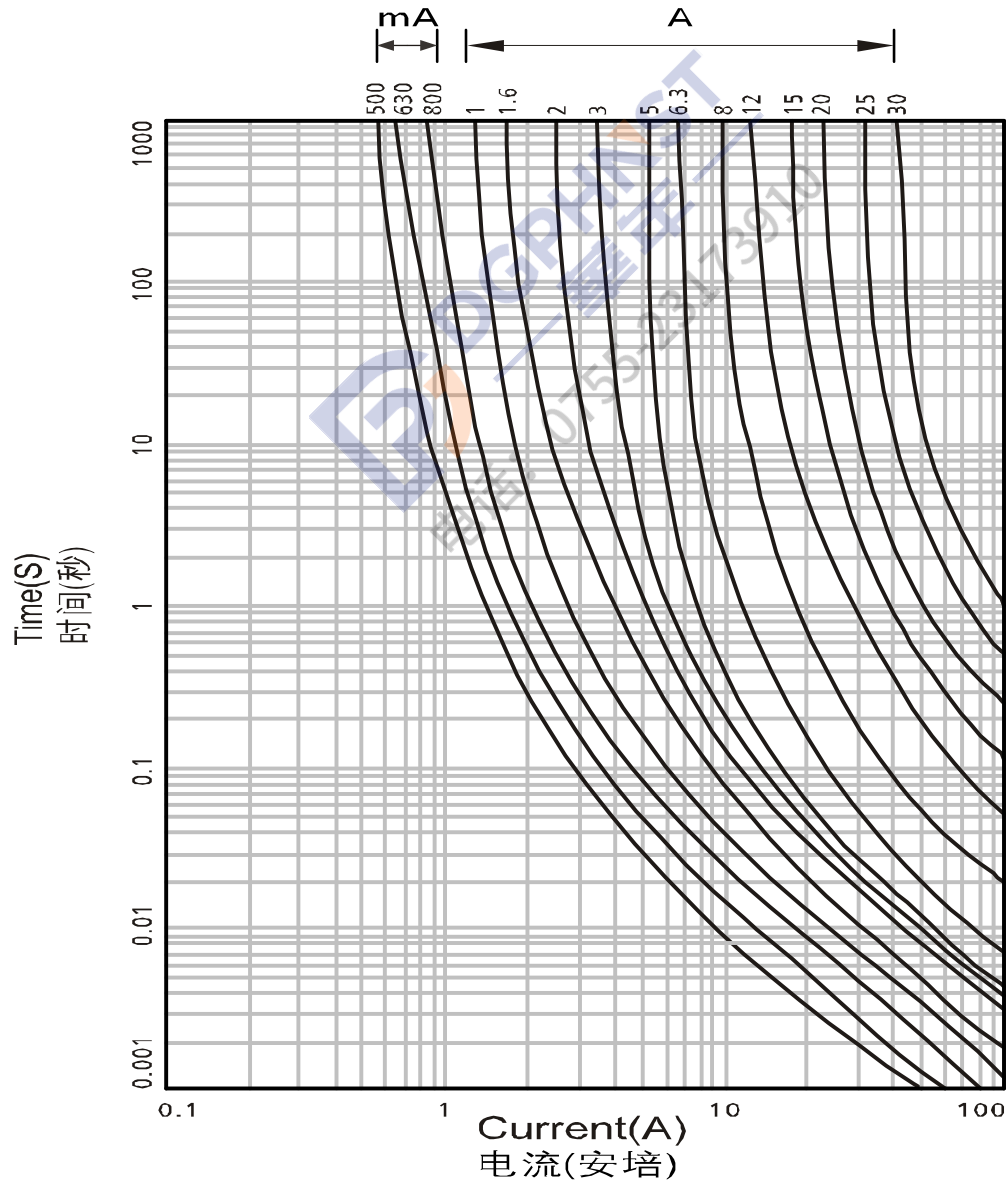
附：承认书后附安规证书及环保报告

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

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附页 attachment

### Time-Current Characteristics 电流-时间曲线图



# JDYX.E221465 - Fuses, Supplemental

## Fuses, Supplemental

**SHENZHEN LANSON ELECTRONICS CO LTD**

A18TH BLDG  
3 INDUSTRIAL ZONE  
FUQIAO FUYONG TOWN, BAO'AN DISTRICT  
SHENZHEN, GUANGDONG 518133 China

E221465

Cat. No.	Size mm(in)	Amps (A)	Volts (V)	Interrupting Rating (A)
<b>Supplemental fuses</b>				
<b>5D</b>	5.2 x 20 (0.20 x 0.79)	0.1-0.315	125Vac	10000
		0.4-1.6	125Vac	10000
		2.0-3.5	125Vac	10000
		4.0-7.0	125Vac	10000
		8.0-10	125Vac	10000
		0.1-0.315	250Vac	35
		0.4-1.0	250Vac	35
		1.25-1.6	250Vac	100
		2.0-3.5	250Vac	100
<b>6D</b>	6.35 x 31.8 (0.25 x 1.25)	0.1-0.4	125Vac	10000
		0.5-1.6	125Vac	10000
		2-3.5	125Vac	10000
		0.1-0.4	250Vac	35
		0.5-1	250Vac	35
		1.25-1.6	250Vac	100
		2-3.5	250Vac	100
		4-10	125Vac	10000
		4-10	250Vac	200

<b>6N</b>	6.35 x 31.8 (0.25 x 1.25)	0.5-1	125Vac	10000
		1.6-2.5	125Vac	10000
		3-3.15	125Vac	10000
		4-10	125Vac	10000
		0.5-1	250Vac	35
		1.6-2.5	250Vac	100
		3-3.15	250Vac	100
		4-10	250Vac	200
<b>6S</b>	6.35 x 31.8 (0.25 x 1.25)	0.1-1.0	125Vac	10000
		1.25-3.5	250Vac	100
		0.1-1.0	250Vac	35
<b>Supplemental fuses: pigtail leads</b>				
<b>4D</b>	4.5 x 15 (0.18 x 0.59)	0.1-0.4	125Vac	10000
		0.5-1.6	125Vac	10000
		2-5	125Vac	10000
		0.1-0.4	250Vac	35
		0.5-1	250Vac	35
<b>4E</b>	4.5 x 15 (0.18 x 0.59)	0.1-1.0	250Vac	35
		1.25-3.5	250Vac	100
		1.25-6.3	125Vac	10000
		0.1-1	125Vac	10000
<b>5E</b>	5.2 x 20 (0.20 x 0.79)	0.1-0.8	125Vac	10000
		1-1	125Vac	10000
		1.5-6.3	125Vac	10000
		0.1-0.8	250Vac	35
		1-1	250Vac	35
		1.5-3.5	250Vac	100
		4-6.3	250Vac	200

# JDYX7.E221465 - Fuses, Supplemental Certified for Canada

## Fuses, Supplemental Certified for Canada

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3 INDUSTRIAL ZONE

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		4.0-7.0	125Vac	10000
		8.0-10	125Vac	10000
		0.1-0.315	250Vac	35
		0.4-1.0	250Vac	35
		1.25-1.6	250Vac	100
		2.0-3.5	250Vac	100
<b>6D</b>	6.35 x 31.8 (0.25 x 1.25)	0.1-0.4	125Vac	10000
		0.5-1.6	125Vac	10000
		2-3.5	125Vac	10000
		0.1-0.4	250Vac	35
		0.5-1	250Vac	35
		1.25-1.6	250Vac	100
		2-3.5	250Vac	100
		4-10	125Vac	10000
		4-10	250Vac	200

<b>6N</b>	6.35 x 31.8 (0.25 x 1.25)	0.5-1	125Vac	10000
		1.6-2.5	125Vac	10000
		3-3.15	125Vac	10000
		4-10	125Vac	10000
		0.5-1	250Vac	35
		1.6-2.5	250Vac	100
		3-3.15	250Vac	100
		4-10	250Vac	200
<b>6S</b>	6.35 x 31.8 (0.25 x 1.25)	0.1-1.0	125Vac	10000
		1.25-3.5	250Vac	100
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<b>Supplemental fuses: pigtail leads</b>				
<b>4D</b>	4.5 x 15 (0.18 x 0.59)	0.1-0.4	125Vac	10000
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		2-5	125Vac	10000
		0.1-0.4	250Vac	35
		0.5-1	250Vac	35
<b>4E</b>	4.5 x 15 (0.18 x 0.59)	0.1-1.0	250Vac	35
		1.25-3.5	250Vac	100
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<b>5E</b>	5.2 x 20 (0.20 x 0.79)	0.1-0.8	125Vac	10000
		1-1	125Vac	10000
		1.5-6.3	125Vac	10000
		0.1-0.8	250Vac	35
		1-1	250Vac	35
		1.5-3.5	250Vac	100
		4-6.3	250Vac	200