

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.

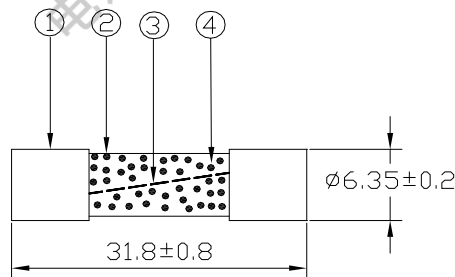
### 2. 相关标准及认证 Relevant Standards and Certification

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

30A                  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

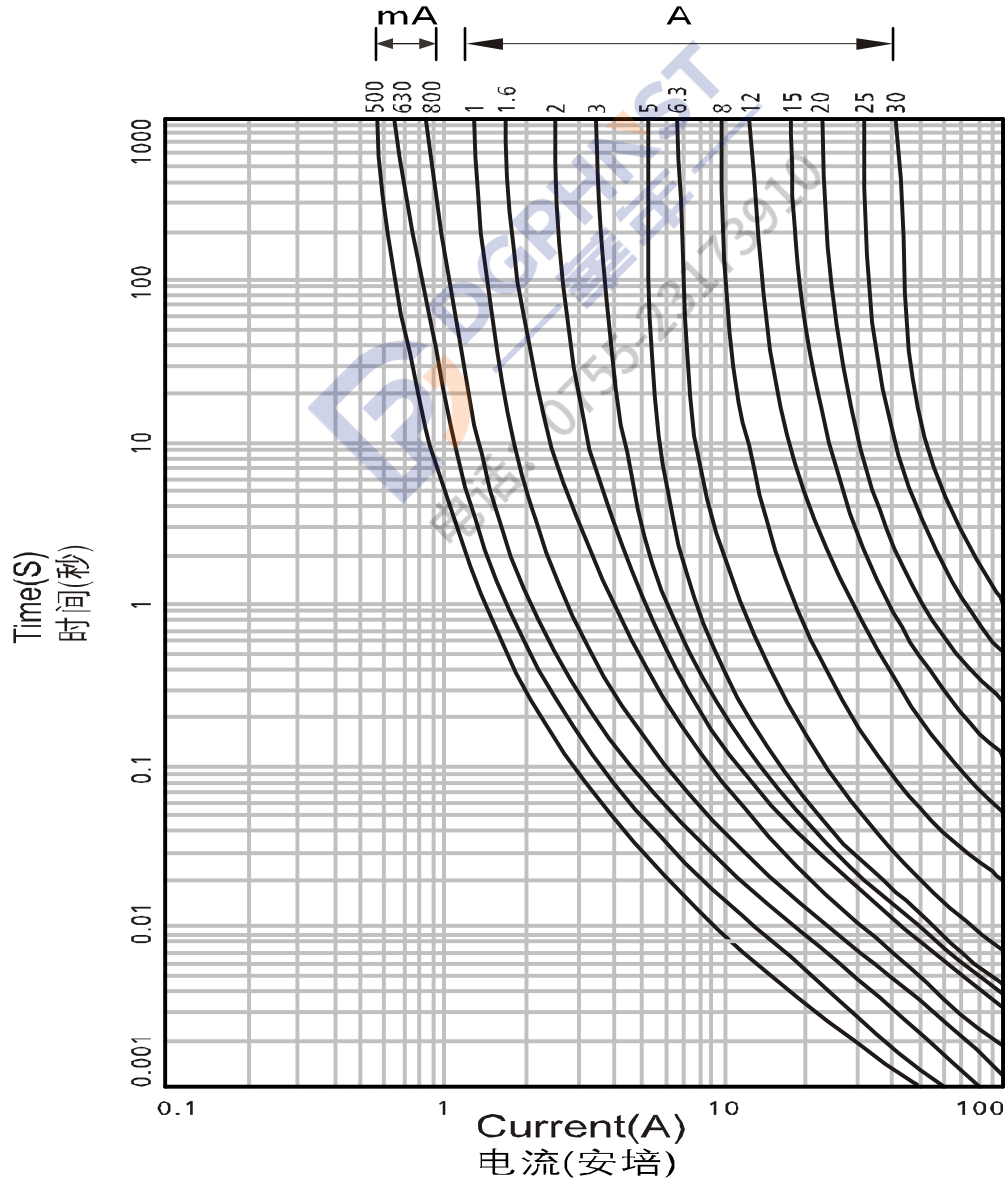
附：承认书后附安规证书及环保报告

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



## JDYX2.E221465 - Fuses, Supplemental - Component

## Fuses, Supplemental - Component

**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)	4-7	125Vac	100
		4-7	250Vac	100
		8-10	125Vac	100
		8-10	250Vac	100
<b>5F</b>	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
<b>5K</b>	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
<b>5M</b>	5.2 x 20 (0.20 x 0.79)	0.5-0.8	250Vac	1500
		1.0-3.15	250Vac	1500

		4.0-6.3	250Vac	1500
<b>5T</b>	5.2 x 20 (0.20 x 0.79)	0.25-3.15	250Vac	1500
		4-6.3	250Vac	1500
<b>6N</b>	-	12-30	125Vac	10000
		12-30	250Vac	750
<b>6S</b>	-	4-10	250Vac	100
<b>SRT</b>	8.35 x 7.2 (0.33 x 0.28)	0.25-3.15	250Vac	35
		4-4	250Vac	40
		6.3-6.3	250Vac	63
<b>Supplemental fuses: pigtail leads, cartridge enclosed</b>				
<b>3N</b>	4 x 11 (0.16 x 0.43)	0.1-3.15	250Vac	35
		4.0-5.0	250Vac	50
		6.3-6.3	250Vac	63
		8-10	125Vac	100
		8-10	250Vac	100
<b>Supplemental fuses: pigtail leads, filled-tube</b>				
<b>6HV(P)</b>	6.85 x 33 (0.27 x 1.30)	0.1-40	250Vac	1500
		0.1-40	660Vac	1000
		0.1-40	600Vdc	10000
		0.1-40	1000Vdc	10000
		0.1-40	660Vdc	1000
<b>Supplemental fuses: cartridge enclosed</b>				
<b>5J</b>	5.2 x 20 (0.20 x 0.79)	0.1-15	250Vac	100
		0.1-6.3	250Vac	63
		0.1-3.15	250Vac	35
<b>6E</b>	-	12-30	125Vac	150
		12-30	250Vac	150
<b>Supplemental fuses: filled-tube</b>				

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

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		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
<b>5K</b>	5.2 x 20 (0.20 x 0.79)	0.2-0.8	125Vac	35
		0.2-0.8	250Vac	35
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		1-6.3	250Vac	63
		8-15	125Vac	50
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