

东莞市霖达电子有限公司

Dongguan Linda Electronics Co., LTD

產品規格承認書

SPECIFICATION FOR APPROVAL

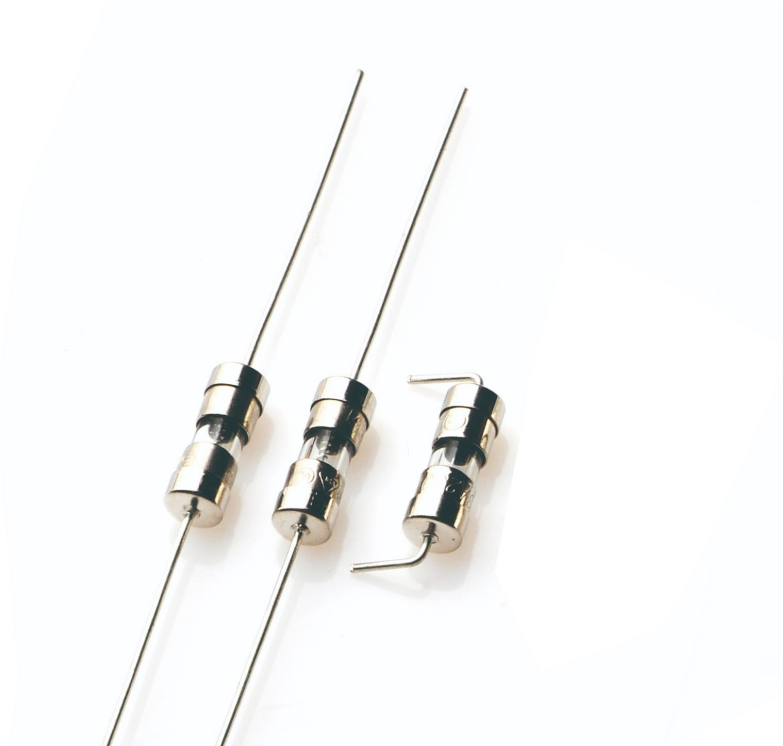
客 戶 名 稱 C U S T O M E R	
產 品 名 稱 P R O D U C T N A M E	玻璃保险丝快断
型 號 規 格 M O D E L D E T A I L	3GFU
承 認 日 期 A P P R O V A L D A T E	

編 制	審 核	確 認
P R E P A R E D	C H E C K E D B Y	O P E R A T I O N
陈兰欣	陈奕霖	

承 認	審 核	批 准
S I G N A T U R E	C H E C K E D B Y	A P P R O V A L B Y

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1. 规格型号和安规认证

MODEL NUMBER AND SAFETY CERTIFICATION

品名规格：系列号+额定电流+额定电压+认证符号

Model Number: Part Number+Rated Current+Rated Voltage+Approvals.

例子[example]:

3GFU, 2A, 250V

1) 系列号 Part Number, 2) 额定电流 Rated Current, 3) 额定电压 Rated Voltage

1-2 额定电流和额定电压

额定电流: 100mA~10A

额定电压: 250V AC

Rated Current And Voltage

Rated Current: 100mA~10A

Rated Voltage: 250V AC

1-3 标示 Marking

保险丝上需有下列标示

规格: 特性符号+额定电流+额定电压

100mA~800mA : _mA250V 1A~10A: _A250V

Trade mark: The Manufacture's Logo+Part Number+Approvals

The fuse shall have the following marking:

Specification: Characteristic Symbol+Rated Voltage



100mA~10A:

注意: 对标示字样大小没有规定

Note: Size of the markings have not be specified.

Tel: 0769-89258838

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E-mail: lindafuse@163.com

Web: [Http://www.gdlinda.com](http://www.gdlinda.com)

Add: 广东省东莞市石碣镇西南村明珠西路 43 号

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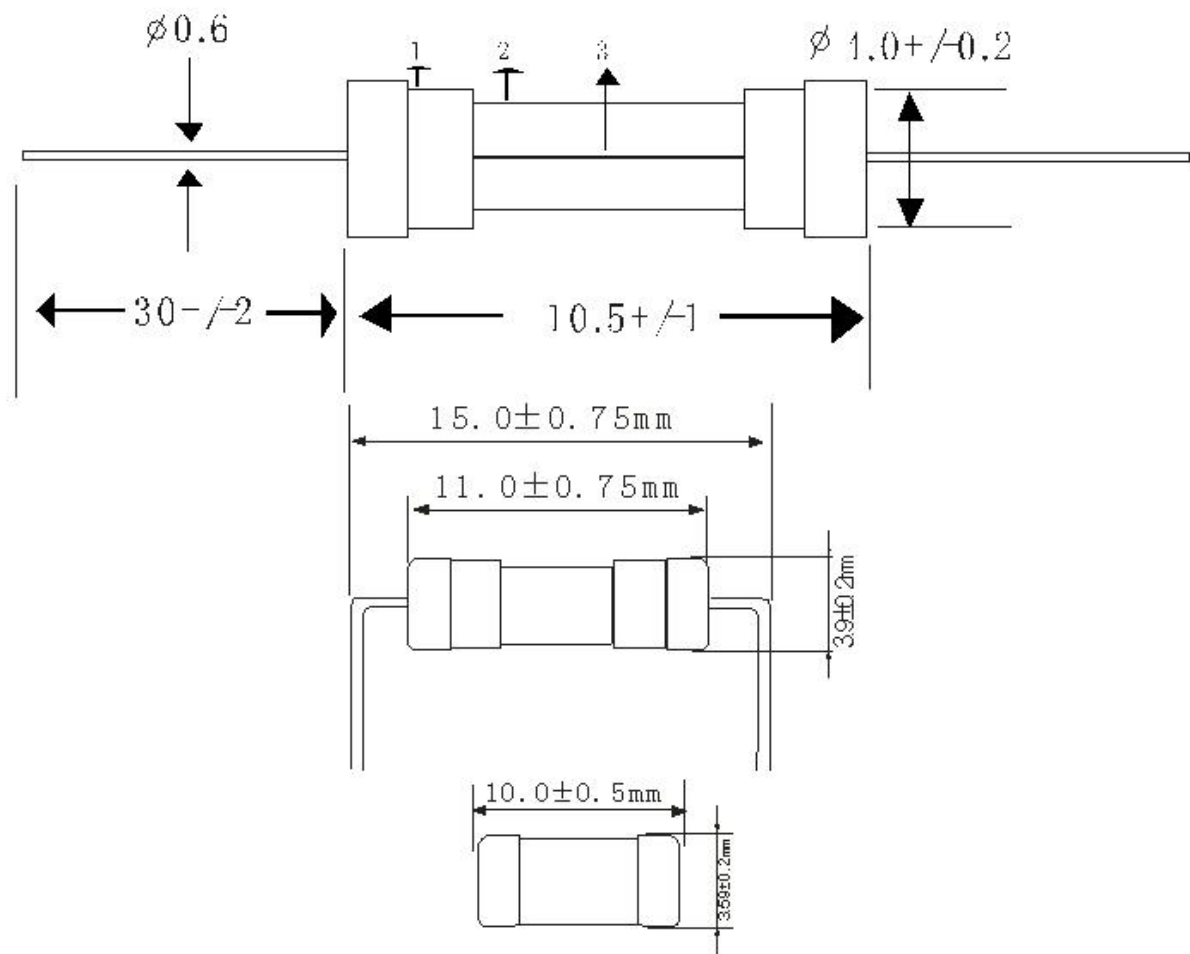
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2. 適用範圍 SCOPE

適用於一般電子設備。Used in electronic equipment.

3. 工程圖和結構 OUTLINE DRAWING AND STRUCTURE

3-1 工程圖（單位：mm）Outline Drawing and Dimensions(Unit:mm)



3-2 結構 Structure

編號 No.	元件 Component	材質 Material	數量 Quantity
1	熔絲 Wire	合金 Alloy	1
2	銅帽 Cap	黃銅鍍鎳 Brass with mickel plated	2
3	本體 Body	玻璃管 GLASS Tube	1
4	引線 Lead	鍍錫銅線 Tinned Copper wire	2

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4. 外觀及形狀

4-1 外觀：不應有破碎、明顯的汗斑

4-2 形狀：帶腳的保險絲

4. APPEARANCES AND CONFIGURATION

4-1 Appearances: There shall no fragmentation and of remarkable blotch.

4-2 Configuration: Axial Leaded Fuse.

5. 物理特性

5-1 拉力測試

沿端子的軸向施加 10N 的拉力，持續 1 分鐘。Keep pulling the cap of the fuse with 10N at axial direction for 1 min.

5. PHYSICAL CHARACTERISTIC

5-1 Tensile test

6. 電氣特性

ELECTRICAL CHARACTERISTICS

熔斷/電流特性：

Acting Time/Current Characteristic

a、Breaking capacity (分断能力) (Time Lag and Fast Acting)

50A

250V

AC

b、Electrical characteristics

Time Lag

Rated current

% of Ampere

Opening Rating Time

100mA~ 10A

100%

200%

4 hours, Minimum

5 seconds, Max.

c、Temperature character

当100%的电流下温度上升不超过75℃

When 100% of rating the temperature rise doesn't exceed 75℃.

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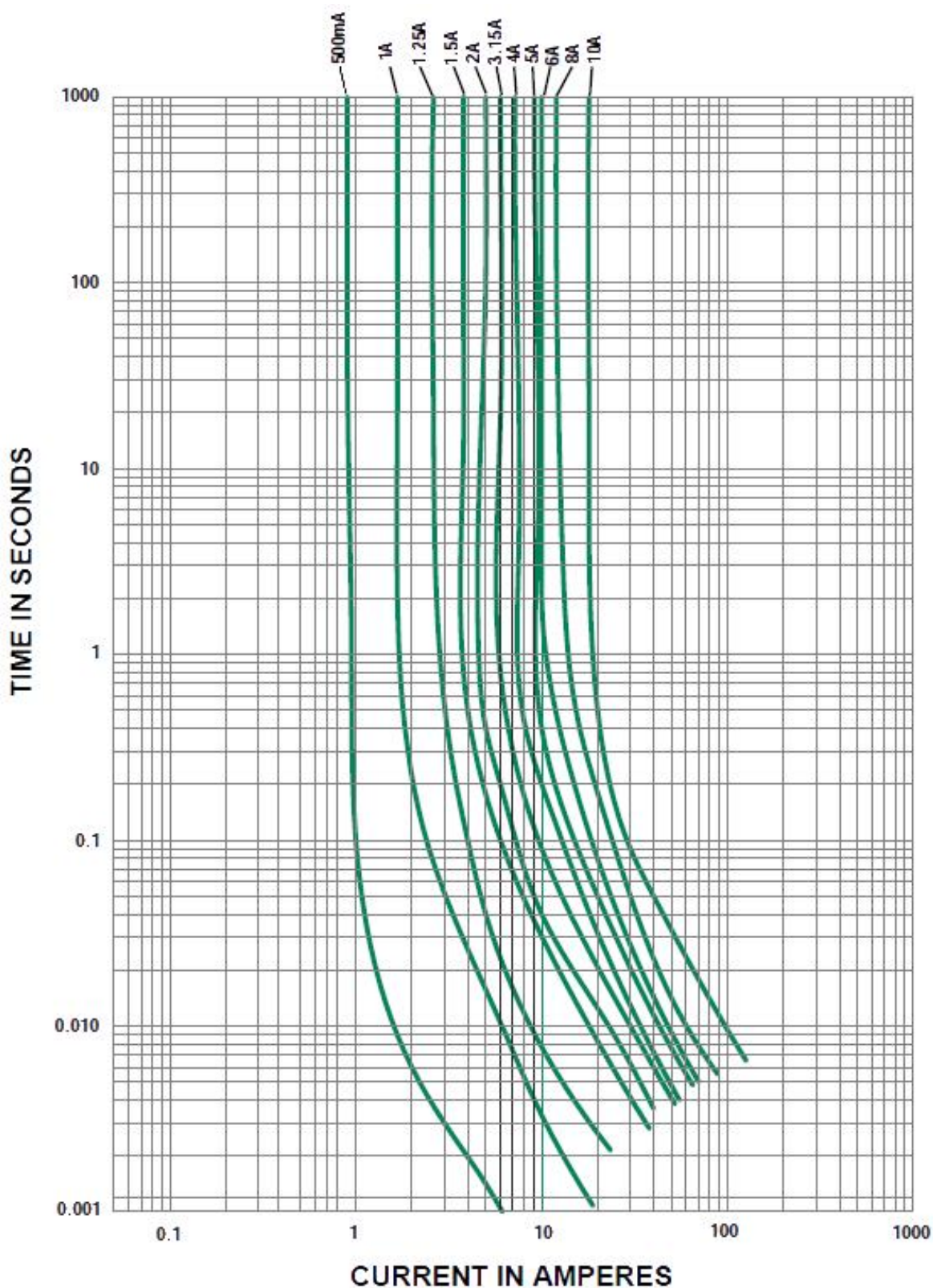
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Catalog Number	Rating Ampere (A)	Rating Voltage (V)	Nominal Cold Resistance (Ohms)	Nominal Melting I ² t (A ² sec)	Agency Approvals		
					UL	CSA	CQC
3GFU-.100	.100	250V	4.8250	0.00194	X	X	X
3GFU-.125	.125		3.8620	0.00289	X	X	X
3GFU-.200	.200		1.7302	0.0114	X	X	X
3GFU-.250	.250		1.6120	0.0225	X	X	X
3GFU-.300	.300		0.9250	0.0295	X	X	X
3GFU-.400	.400		0.5840	0.0695	X	X	X
3GFU-.500	.500		0.2322	0.128	X	X	X
3GFU-.600	.600		0.1765	0.218	X	X	X
3GFU-.750	.750		0.1310	0.254	X	X	X
3GFU-.800	.800		0.1215	0.304	X	X	X
3GFU-001	1.00		0.1056	0.508	X	X	X
3GFU-01.5	1.50		0.0595	0.884	X	X	X
3GFU-01.6	1.60		0.0565	0.965	X	X	X
3GFU-002.	2.00		0.0378	2.27	X	X	X
3GFU-02.5	2.50		0.0342	3.73	X	X	X
3GFU-3.15	3.15		0.0253	5.95	X	X	X
3GFU-004.	4.00		0.0174	8.86	X	X	X
3GFU-04.5	4.50		0.0170	9.77	X	X	X
3GFU-005.	5.00		0.0145	15.6	X	X	X
3GFU-006.	6.00		0.0132	18.0	X	X	X
3GFU-06.3	6.30		0.0120	19.3	X	X	X
3GFU-06.5	6.50		0.0118	21.9	X	X	X
3GFU-007.	7.00		0.0111	25.8	X	X	X
3GFU-008.	8.00		0.0088	33.2	X	X	X
3GFU-010.	10.00		0.0056	88.5	X	X	X

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Average Time Current Curves



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7. 環境特性

7-1 操作溫度範圍: $-5^{\circ}\text{C}\sim 60^{\circ}\text{C}$

7-2 保存條件

溫度: $+10^{\circ}\text{C}\sim 60^{\circ}\text{C}$

在相對濕度 $\leq 75\%$ 下平均可存放 3 年

在非露天下, 相對濕度為 95%下最多可存放 30 天。

7. ENVIRONMENTAL SPECIFICATION

7-1 Operating Temperature: $-5^{\circ}\text{C}\sim 60^{\circ}\text{C}$

7-2 Storage Conditions

Temperature: $+10^{\circ}\text{C}\sim 60^{\circ}\text{C}$

On average, It can be stored below the relative humidity or 75% for 3 years.

Without dew, It can be kept under humidity of 95% for 30 days.

8. 焊接條件

8-1 波峰焊

焊接溫度: $260\pm 5^{\circ}\text{C}$

焊接時間: 4 Sec. Max.

8-2 手工焊錫

焊接溫度: $350\pm 5^{\circ}\text{C}$

焊接時間: 3 Sec. Max.

8. SOLDERING PAAMETERS

8-1 Wave Solder

Soldering Temperature: $260\pm 5^{\circ}\text{C}$

Soldering Time: 4 Sec. Max.

8-2 Manual Solder

Soldering Temperature: $350\pm 5^{\circ}\text{C}$

Soldering Time: 3 Sec. Max.

9. 其他使用注意事項

如果需在保險絲上加熱縮套管, 烘烤溫度與時間需參照以下規定

設定烘烤溫度: 不大於 150°C 烘烤時間: 50s Max.

9. OTHER NOTICE IN USING

If heat shrink tubing was needed, the roast temperature and time should be refer to the following.

The temperature should be sel under 150°C , roast time: 50s Max.