



深圳市蓝宝安科电子有限公司

Shenzhen LanbaoAnke Electronics Co.,Ltd.

承 认 书

APPROVAL SHEET

编号 NO.	LB-1038-01
版次 Ver.	A/2

客户 Customer	
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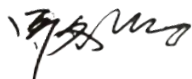
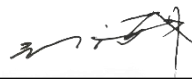
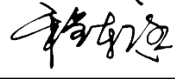
品名 Product	保险丝 FUSE
系列 Series	LB1038系列

料号Part No.	规格描述Specification	备注Remark
蓝宝 LB fuse		
客 户 Customer		

供应商-蓝宝 Supplier-LB fuse	零件承认章 Approval Signet	客户 Customer	零件承认章 Approval Signet
制作 Make			
审查 Check			
批准 Approval			

联络Contact			
业务Sales	电话Telephone	手机Cellphone	邮箱E-mail
			lanbaofuse@163.com
零件承认后敬请回签一份给我司留存。			

History of Change变更记录

NO.	日期 Date	描述 Description	版次 Edition	修改 modified by	审核 Checked by
1	2020.12.03	新制订	A/1		
2	2023.04.03	更改为新封面	A/2		
3					
4					
5					
6					
7					
8					
9					
10					
11					

1. 适用范围 / SCOPE

LB1038 系列, 适用于纯电动汽车和混合动力汽车的全范围分断熔断器。
LB1038 series , general purpose fuse for EV/HEV

2. 产品型号 / TYPE

例「example」:

LB1038	30A	250V	c  US
1	2	3	4

- ①系列号/Series Number
- ②额定电流/Rated Current
- ③额定电压/Rated Voltage
- ④认证符号/Approved Symbol

3. 额定电流和额定电压/ RATED CURRENT AND RATED VOLTAGE

额定电流 / Rated Current: 20mA ~50A
额定电压 / Rated Voltage: 1000V AC/DC

4. 标示 / MARKING

保险丝上需有下列标示/The fuses shall have the following marking

制造工厂的标识+系列号 / Manufacture's Logo+ Part Number:
额定电流+额定电压/ Rated Current (A)+ Rated Voltage(V):

LB 
LB1038
xxxA
1000V AC/DC

注意 / Note:

对标示的大小和位置没有规定 / Size and position of the markings shall not be provided.

5. 外观及形状 / P N 编码规则见下表所示/ APPEARANCES AND CONFIGURATION

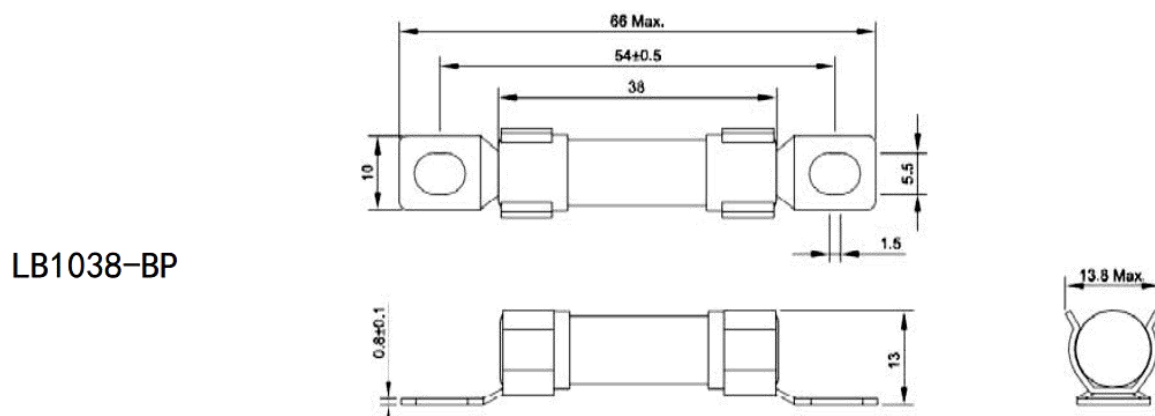
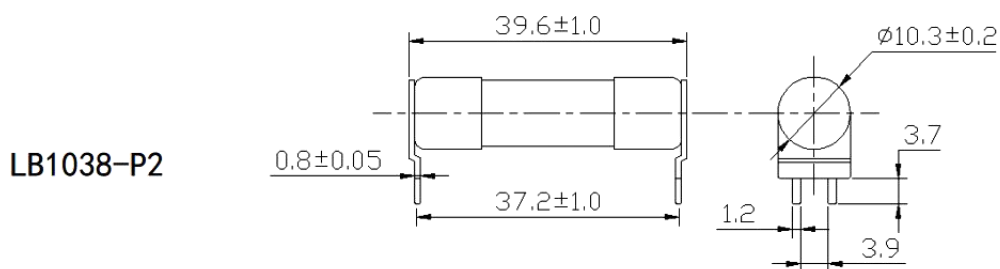
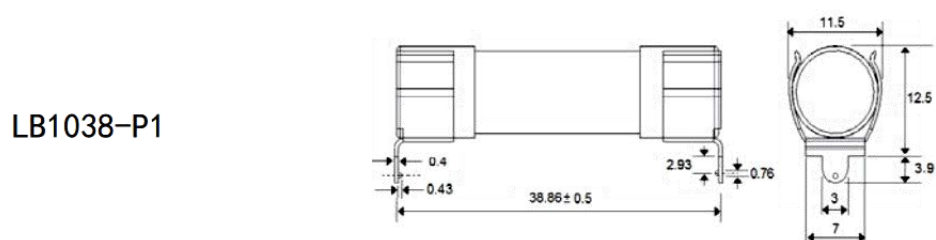
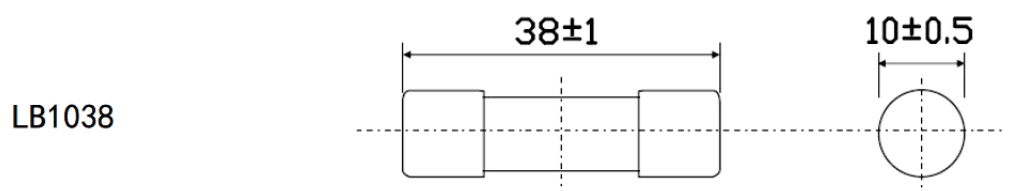
5-1 外观: 不应有破碎、明显的污斑。

Appearances: There shall not be break up and any remarkable blotch.

1	Part Numbering System (编码结构)							
2	FULL DESCRIPTION FORMAT (详细内容描述格式)							
	制造商Manufacturer	Series系列	Rated current额定电流	Rated voltage额定电压	Moulding&Packaging成型&包装	-	补充码	
	xx	xxxxx	xxxx	x	xx		XX	
	LB	1038	1125=1.25A	A=250V	00=平头 盒装		01=	
			2125=12.5A	B=125V	01=P1型支架 盒装			
			2300=30A	R=500V	02=P2型支架 盒装			
				V=750V	03=BP型支架 盒装			
				X=1000V				
3	Example例如:	P/N	LB10382100X00					
	规格描述	LB品牌 LB1038 10A1000V 保险丝 平头 盒装						

6. 工程图和结构 / OUTLINE DRAWING AND STRUCTURE

6-1 工程图 (单位元: mm) / Outline Drawing and Dimensions (Unit: mm)

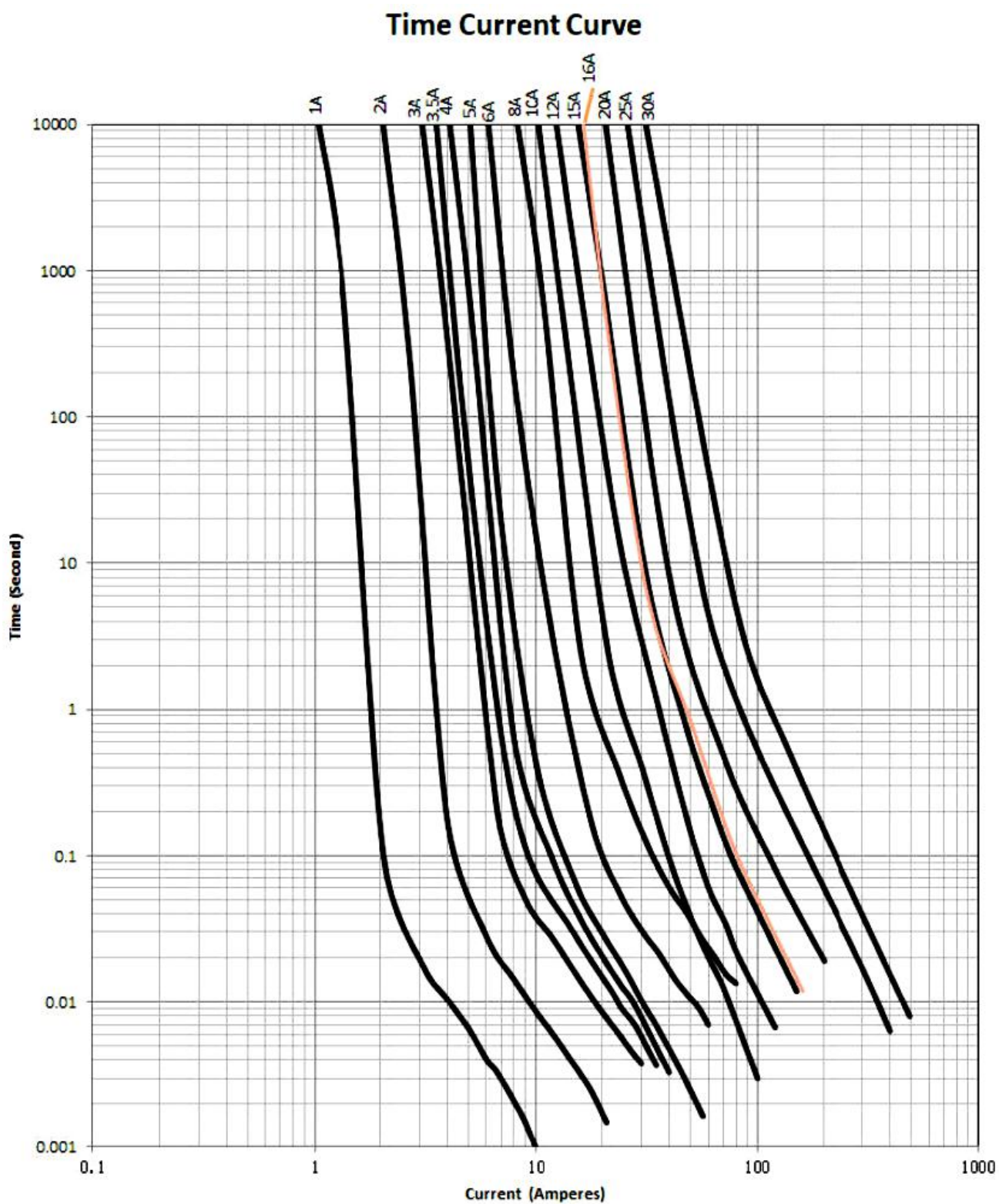


7. 电气特性 / ELECTRICAL CHARACTERISTICS

RATED CURRENT	1 IN/倍	2.5 IN/倍
	Min.	Max.
200mA~50A	4hrs	120sec

Part No. 料号	Rated Voltage 额定电压	Rated Current 额定电流(A)	Breaking Capacity(A) 分断能力
LB1038-1A	500V AC/DC 750V AC/DC 1000V AC/DC	1A	10KA
LB1038-2A		2A	
LB1038-3A		3A	
LB1038-4A		4A	
LB1038-5A		5A	
LB1038-6A		6A	
LB1038-8A		8A	
LB1038-10A		10A	
LB1038-12A		12A	
LB1038-15A		15A	
LB1038-20A		20A	
LB1038-25A		25A	
LB1038-30A		30A	
LB1038-32A		32A	
LB1038-35A		35A	
LB1038-40A	750V AC/DC	40A	6.5KA
LB1038-50A		50A	

8. 时间电流曲线 Time-Current Curve



9. 环境特性 / ENVIRONMENTAL CHARACTERISTIC

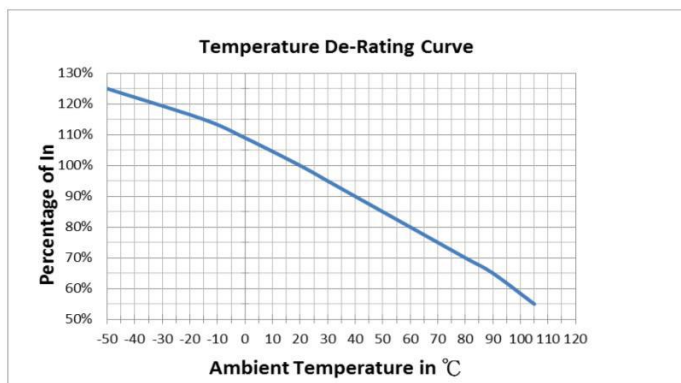
9-1 操作温度范围: -55℃~125℃ / Operating Temperature:-55℃~125℃

若贵司操作环境温度超出 $25\pm 5^{\circ}\text{C}$ 范围, 在选用保险丝规格时, 需考虑操作环境温度对保险丝的影响。
请参照: 温度-电流曲线图。

When choosing the fuse's specification, if the operating environmental temperature beyond the scope from $20\sim 30^{\circ}\text{C}$,

you should consider the environmental temperature's affection to fuses.

Please refer : Temperature-Current curve:



9-2 存储条件 / Storage Conditions

在温度 $+10^{\circ}\text{C}\sim 60^{\circ}\text{C}$ 、相对湿度 $\leq 75\%$ 的密闭条件下可存放 3 年。

Under airtight in temperature $+10^{\circ}\text{C}\sim 60^{\circ}\text{C}$ 、relative humidity $\leq 75\%$ can store 3 years.

在温度 $+10^{\circ}\text{C}\sim 60^{\circ}\text{C}$ 、相对湿度为 95%的非露天下最多可存放 30 天。

Without dew in temperature $+10^{\circ}\text{C}\sim 60^{\circ}\text{C}$ 、relative humidity be 95% maximum value for 30days.

10. 安全认证及编号 / STANDARDS AND APPROVALS

UL&C-UL

E498859

11. 安装方式及条件 / INSTALLATION WAY AND PARAMETERS

11-1 螺栓安装,提供其他安装方式选择

Stud-mount, optional for other installtion

11-2 建议客户焊接参数 / Recommended Customer Soldering Parameters

波峰焊参数 / Wave Parameters:

锡炉温度 / Solder Pot Temperature: $260\pm 3^{\circ}\text{C}$

焊接时间 / Solder Dwell Time: 10s Max

手工焊参数 / Hand-Solder Parameters:

烙铁温度 / Solder Iron Temperature: $350\pm 5^{\circ}\text{C}$

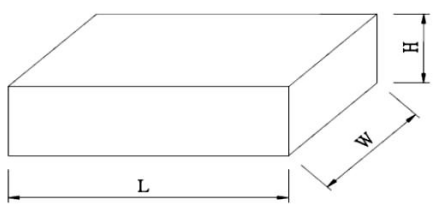
焊接时间 / Heating Time: 5 s Max

12. 包装及数量 / Packing and Quantity

12-1 数量/ Quantity

规格 Specification	内小盒 Inner small box	内大盒 Inner big box	外箱 Outer carton
LB1038	10pcs	100pcs	1800pcs
LB1038-P1	10pcs	-	500pcs
LB1038-P2	10pcs	-	500pcs
LB1038-BP	16pcs	-	896pcs

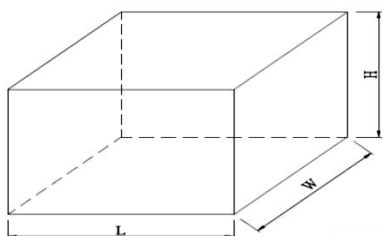
12-2 内盒/Inner box of packing



单位/Unit: mm

规格 Specification	L	W	H
LB1038	53±5	21±5	40±5
LB1038-P1	115±5	110±5	45±5
LB1038-P2	24.5±5	15±5	410±5
LB1038-BP	57±5	48±5	70±5

12-3 外箱/Outer box of packing



单位/Unit: mm

规格 Specification	L	W	H
LB1038	380±5	245±5	200±5
LB1038-P1	175±5	135±5	420±5
LB1038-BP	380±5	245±5	200±5

13. 其他 / OTHERS

13-1 如果在使用中有超出本规格书的要求，必须经由双方协商确认。

In the event that an impropriety is found beyond this specification, it shall be fixed by mutual agreement between the parties.

13-2 如果本规格书有不适当的情况，必须通过双方协商并由本公司修改。

In the event that an impropriety is found in this specification, LANBAO ELECTRICAL APPLIANCES CO. LTD. shall amend it by mutual agreement between the parties.

版次	制作	确认	审核
第一版	赖秋莲 2020/12/03	谢海林 2020/12/03	熊士军 2020/12/03

JFHR8.E498859 - SPECIAL-PURPOSE FUSES CERTIFIED FOR CANADA - COMPONENT

Special-purpose Fuses Certified for Canada - Component

See General Information for Special-purpose Fuses Certified for Canada - Component

ZHONG SHAN LANBAO ELECTRICAL APPLIANCES CO LTD

E498859

West Xing Pu Rd

Huang Pu

Zhongshan, Guangdong 528429 CHINA

Fuse for protection of semiconductor device, Model(s) Cat. No. LB1038 (#), Cat. No. LB1038 (\$)**Special-purpose Fuses**, Model(s) Rated 125/250/600/1000Vac, 72/100Vdc, 0.2-10 A, and 125/250Vac, 72/100Vdc, 0.2-80A, Model(s) 1032SF, 1032ST

- followed by blank, followed by 0.2A - 35A, followed by blank, followed by 1000V, 750V or 500V, followed by blank, followed by DC/AC

\$ - followed by blank, followed by 35A - 50A, followed by blank, followed by 750V or 500V, followed by blank, followed by DC/AC

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



Last Updated on 2019-09-13

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