

INDIVIDUAL SPECIFICATION SHEET

Product Name:汽车插片式保险丝**Part Number:** AB11Nxxx Series**Revision:** A**Dongguan TLC Electronic Technology Co., LTD**

No.18,5th GaoLi Road,TangXia Town,DongGuan,GuangDong,P.R China 523710

TEL: 86-0769-3892 0511

FAX: 86-0769-8793 2077

Http: www.tlcet.com.cn

Rev.	Effective Date	Changed Contents
A	2020-11-19	New release

The individual specification sheet are the property of Dongguan TLC electronic technology Co.,Ltd and shall not be copied or used as commercial purposes without permission.

PREPARED BY



APPROVED BY



1.Scope-The fuses shown are for in motor vehicles, boats and trailers, The fuses shown are for in motor vehicles, Power Supply, boats and trailers, to protect ect electrical wiring and equipment. This standard isfor the construction shown and is not intended to restrict thedesign and use of other configurations and materials capableof meeting the vehicle requirements.

1. 范围-所显示的熔断器是用于汽车, 船和拖车, 电源等上保护电气线路和设备。

本标准是按展示设计, 不是限制设计使用在其它结构和能够满足要求车辆。

2.Definition- A fuse is a device designed to interrupt the electrical circuit when subjected to overcents. This action is to be nonreversible and the fuse is intended to be replaced after the circuit, malfunction has been corrected.

2. 解说-保险丝设计目的在于保护电气线路, 当经受超量电路流时保护。这个动作是不可逆的熔丝断后需要更换, 故障得到纠正。

3.Application file:

Complies with: The standard wage SAE J2077Special Purpose Fuse ,UL-248

3.适用文件:

符合: SAE J2077 专用熔断器标准;UL-248

4.aing Temperature Range: -40°Cto+105°C

4.工作温度: -40°Cto+105°C

5.Ampere:

RATING AND FUSE COLOR CODE-TABLE 1

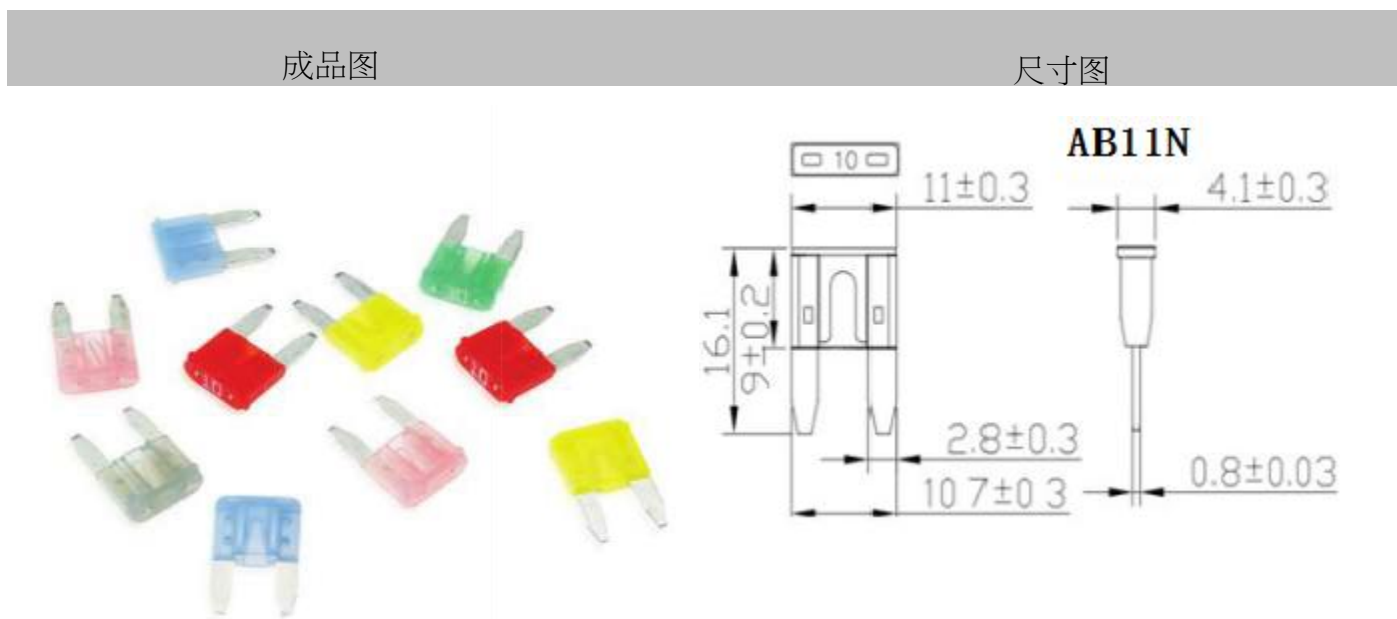
5.安培: 额定值和保险丝颜色代码-表 1

TABLE 1/表

Material number 物料编号	Current Rating 额定值	Hosing Color 颜色	Volt 电压	Typ. Voltage Drop	I ² t	Safety certification No 安规认证号
AB11N001	1		58V DC	196 mV	1.1A ² S	JDYX8.E360382/JDYX2.E360382
AB11N002	2			171 mV	2.9A ² S	JDYX8.E360382/JDYX2.E360382
AB11N003	3			153 mV	9.6A ² S	JDYX8.E360382/JDYX2.E360382
AB11N004	4			121 mV	17A ² S	JDYX8.E360382/JDYX2.E360382
AB11N005	5			129 mV	25A ² S	JDYX8.E360382/JDYX2.E360382
AB11N07.5	7.5			135 mV	69A ² S	JDYX8.E360382/JDYX2.E360382
AB11N010	10			108 mV	93A ² S	JDYX8.E360382/JDYX2.E360382
AB11N015	15			98 mV	225A ² S	JDYX8.E360382/JDYX2.E360382
AB11N020	20			96 mV	380A ² S	JDYX8.E360382/JDYX2.E360382
AB11N025	25			86 mV	625A ² S	JDYX8.E360382/JDYX2.E360382
AB11N030	30			87 mV	1135A ² S	JDYX8.E360382/JDYX2.E360382
AB11N035	35			92 mV	2150A ² S	JDYX8.E360382/JDYX2.E360382
AB11N040	40			96 mV	4200A ² S	JDYX8.E360382/JDYX2.E360382

6.Size-TABLE2

6.尺寸:表 2 TABLE2



7.Material-Materials of the fuse are in accordance with TABLE 3

7.保险丝材料 表 3 TABLE 3

Division 分类	Material 材料
Housing 塑料外壳	Polyamide 聚酰胺纤维
Fuse-element and terminal 熔丝和端片	Zinc alloy 锌合金

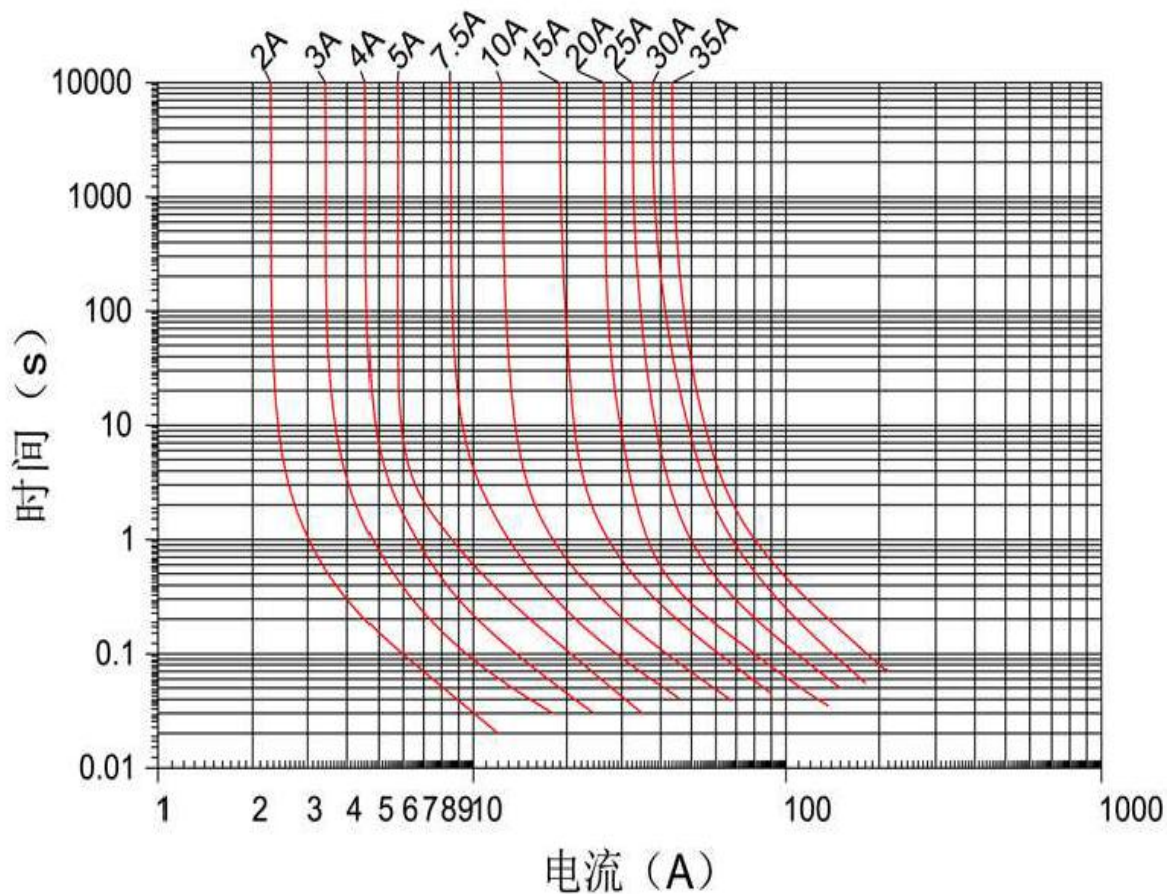
8. performance-performance of use is in accordance with TABLE 4

Tesl current 额定值百分比	Rated current 额定电流	Operating time 工作时间	
	A	MIN	MAX
100%	35-40	360,000s/-	No requirement
110%	1-30	360,000s/-	No requirement
135%	1-40	0.75s	600s
200%	1-40	0.15s	5s
350%	1-40	0.08s	0.25s
600%	1-40	0.03s	0.1s

9.AB11 Diagram

9.AB11 曲线图

Average Time Current Curve TABLE 5/表 5



10.Mark:

Each fuse inserting piece shall be marked with:

- (1) the amount of rated current;
- (2) rated voltage;
- (3) UL logo;
- (4) logo;

标记:

每个保险丝片应标有:

- (1) 额定电流;
- (2) UL 标志;
- (3) 标志;

11.仓储条件:温度 20℃-85℃, 湿度 35%-65%℃;

11.Storage condition:Temperature 25, humidity 35%-65%;

12.Conventional packing:

©minimum package for: 1000PCS

©a box for 25*1000=25000PCS box specifications: 43.5*27*19.5CM;

12.传统的包装:

© “最小包装为: 1000 个

© “一箱为 25×1000=25000 个, 箱规格: 43.5×275.5×19.5 厘米;

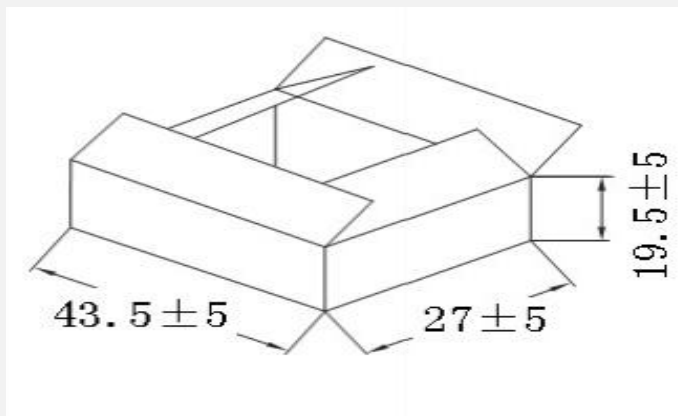
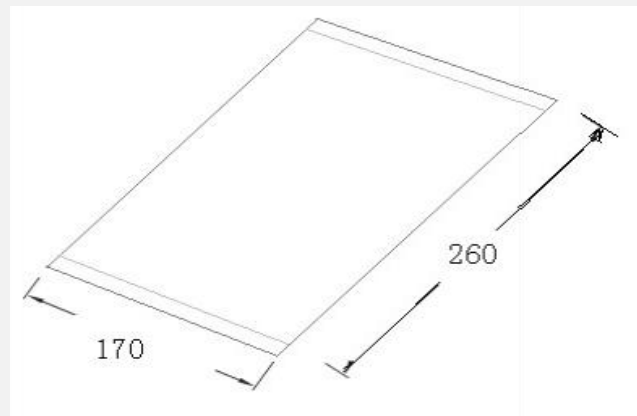
单位: 厘毫米 / Unit:CM

A. Plastic bags :

B. Outer carton :

L26.0±2 * W17.0±2

L43.5±5 * W27±5 * H19.5±5



13.环保标准

环保文件以附件符送, 每年更新一次;