

INDIVIDUAL SPECIFICATION SHEET

Product Name:汽车插片式保险丝**Part Number:** AB20Nxxx Series**Revision:** A**Dongguan TLC Electronic Technology Co., LTD**

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A	2020-8-13	New release

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PREPARED BY

APPROVED BY



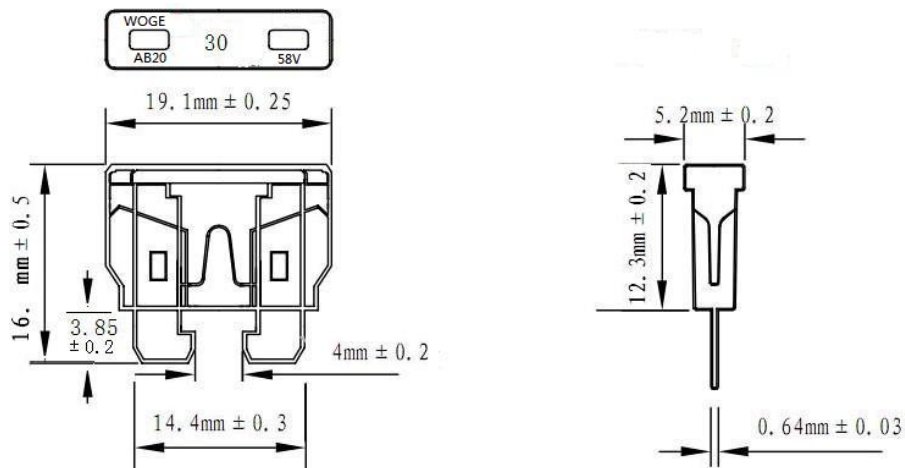
1. **Scope**– The fuses shown are for in motor vehicles, boats and trailers to protect ect electrical wiring and equipment. This standard is for the construction shown and is not intended to restrict the design and use of other configurations and materials capable of meeting the vehicle requirements.
1. **范围**–所显示的熔断器是用于汽车，船和拖车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,当出现异常电流时保护。保险丝不可重复使用，熔丝断后需要更换,故障得到纠正。
3. **Application file:**
Complies with:The standard wage SAE J1284/ UL 248 Special Purpose Fuse
UL:E360382
3. **适用文件:**
符合: SAE J1284/UL 248 专用熔断器标准;
UL 认证号: E360382
- 4, **Ampere: RATING AND FUSE COLOR CODE**–TABLE 1
4. **安培: 额定值和保险丝颜色代码** – 表 1

TABLE 1/表 1

Material number 物料编号	Ampere rating 额定值	Color 颜色	Breaking Capacity 分断	I ² t	Voltage Drop
AB20N001	1	Deep green transparent/ 透明深绿色	58VDC 1000A	0.5	170mv
AB20N002	2	It Grey (Gray) /灰色		1.5	135mv
AB20N003	3	Violet /紫色		7.5	130mv
AB20N004	4	Pink /粉红色		15	125mv
AB20N005	5	Tan /黄褐色		25	120mv
AB20N7.5	7.5	Brown /棕色		62	105mv
AB20N010	10	Red /红色		115	103mv
AB20N015	15	Blue/蓝色		335	95mv
AB20N020	20	Yellow/黄色		525	90mv
AB20N025	25	Clear/透明白色		1100	85mv
AB20N030	30	Green/绿色		1500	85mv
AB20N035	35	Purple/深紫色		2300	85mv
AB20N040	40	Orange/橙色		3300	65mv

5. Size-TABLE2 1ABLE/

5. 尺寸: 表 2



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

6. 保险丝材料 表 3 TABLE 3/表 3

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

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

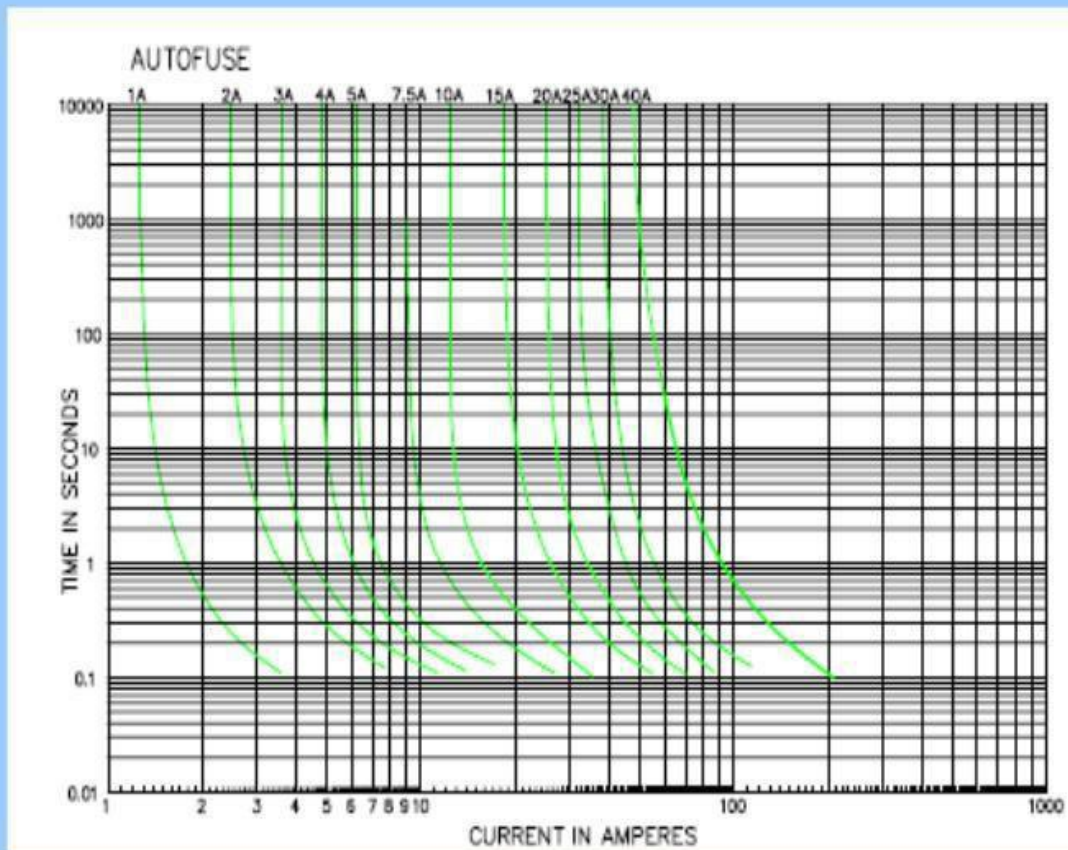
7. 使用性能表 4 TABLE 4/表 4

Tesl turrent 额定值百分比	Rated current 额定电流	Operating tlme 工作时间	
%	A	MIN	MAX
110%	1-40	360,000s/-	No requirement
135%	1-40	0.750s	1800s
200%	1-40	0.15s	5s
350%	1-40	0.04s	0.5s
600%	1-40	0.02s	0.1s

8. AB20N Diagram

8. AB20N 曲线图 TABLE 5/表 5

Average Time Current Curve



9. Mark:

Each fuse inserting piece shall be marked with:

- (1) the amount of rated current
- (2) rated voltage;
- (3) the trademark;

9. 标记:

每个保险丝片应标有:

- (1) 量的额定电流
- (2) 额定电压;
- (3) 商标;

10. Conventional packing:

@ minimum package for: 1000PCS

@ a box for $10 \times 1000 = 10000$ PCS box specifications: 43.5*27*19.5CM; 10. 传统的包装:

“最小包装为：1000 个

“一箱为 $10 \times 1000 = 10000$ 个，箱规格：43.5×27×19.5 厘米；

单位：厘米/cm

A. Plastic bags:

B. Outer carton:

L27.5240±2 * W26.5170±2

L43.5±5 * W27±5 * H19.5±5

