

INDIVIDUAL SPECIFICATION SHEET

Product Name: 中号汽车插片保险丝**Part Number:** AB19UXXXA Series**Revision:** A**Dongguan TLC Electronic Technology Co., LTD**

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Rev.	Effective Date	Changed Contents
A	2020-4-13	New release

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PREPARED**APPROVED BY**



Description

Developed by Littelfuse for the automotive industry, the ab19u fuse has become the original equipment circuit protection standard for foreign and domestic automobiles and trucks. Readily identifiable and easily replaced, this fuse can be specified for a variety of low voltage electronic applications.

Specifications

Voltage Rating:	32 VDC
Interrupting Rating:	1000A @ 32 VDC
Operating Temperature Range:	-40°C to +105°C
Terminals:	Sn plated zinc alloy
Housing Material:	PA66
Complies with:	ISO 8820-3
	UL 248 Special Purpose Fuse

Hold the samples at room temperature, (23±5)
at 45% to 75% relative humidity (rh)

Ordering Information

Part Number	Package Size
AB19Uxxx	1000

Time-Current Characteristics

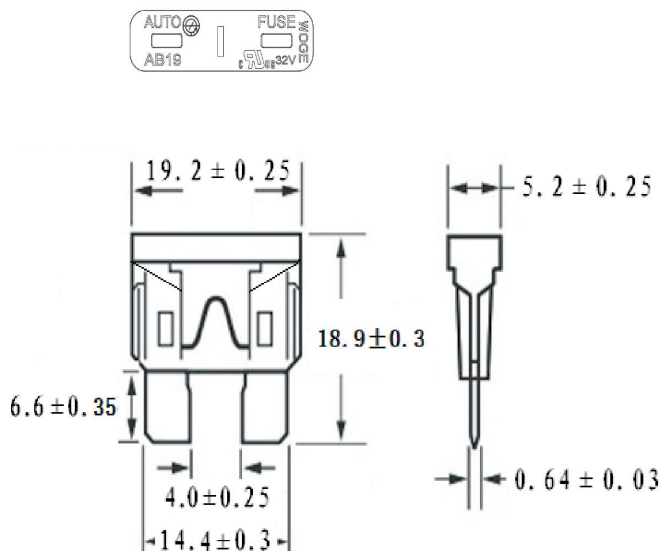
% of Rating	Current Rating	Opening Time Min / Max (s)
100	35-40	360,000 s / -
110	1-30	360,000 s / -
135	1-2 3-40	350 ms / 600 s 0.750 s / 600 s
160	1-40	250 ms / 50 s
200	1-2 3-40	100 ms / 5.0 s 0.150 s / 5.0 s
350	1-2 3-40	20 ms / 500 ms 80 ms / 500 ms
600	1-30 35-40	- / 100 ms - / 150 ms

Ratings

Part Number	Current Rating	Housing Color	Part Number	Current Rating	Housing Color
ab19u001	1 A		ab19u015	15 A	
ab19u002	2 A		ab19u020	20 A	
ab19u003	3 A		ab19u025	25 A	
ab19u004	4 A		ab19u030	30 A	
ab19u005	5 A		ab19u035	35 A	
ab19u07.5	7.5 A		ab19u040	40 A	
ab19u010	10 A				

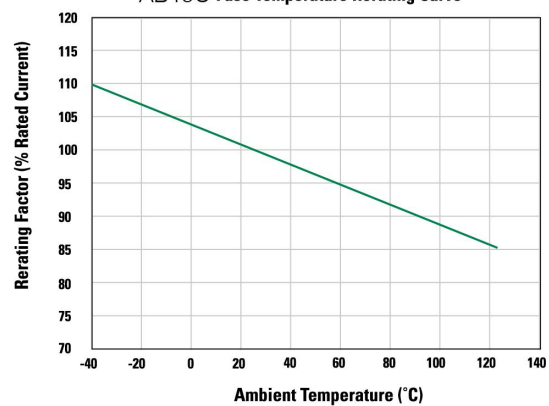
Dimensions

Dimensions in mm

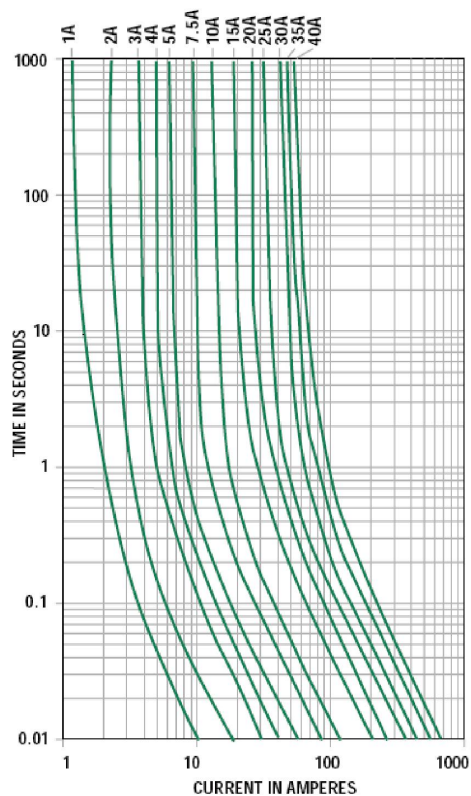


Temperature Derating Curve

AB19U Fuse Temperature Derating Curve

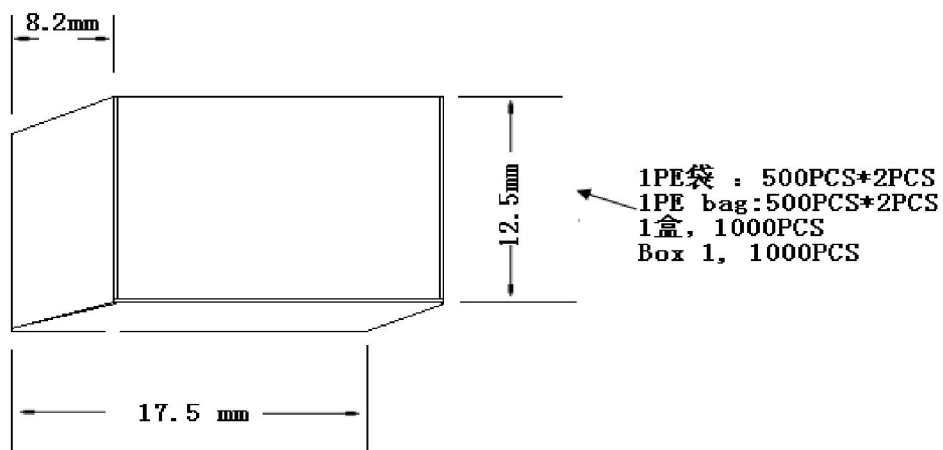


Time-Current Characteristic Curves

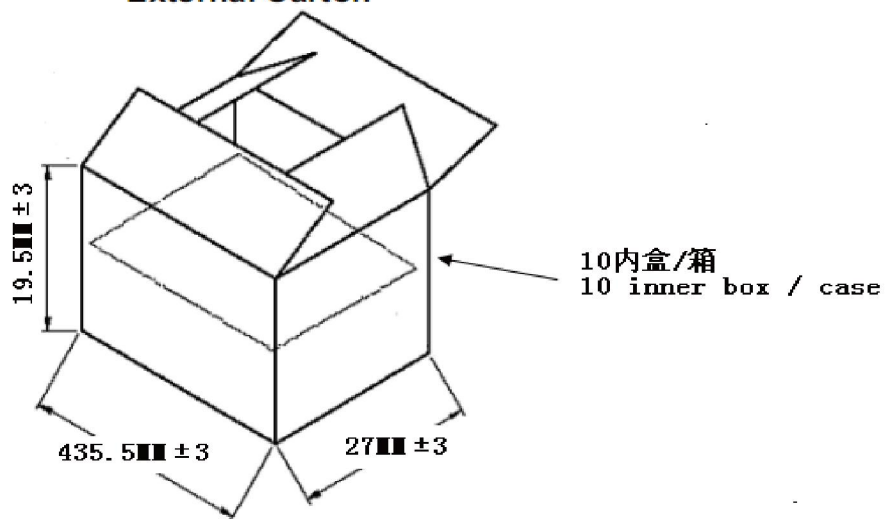


包装方式 Package

内盒
The inner box



外箱
External Carton



Weight

An outer box (1000 full fuse) gross weight 14.5 kg, 14 kg net.