



MICRO3™ Blade Fuses Rated 32V

The MICRO3™ Fuse has 3 terminals and 2 fuse elements with a common center terminal. Its sub-miniature design meets the need for more circuits to be protected while utilizing less space and its ability to cope with high temperatures in adverse environments makes the MICRO3™ Fuse of recommended choice for protection.

Specifications

Voltage Rating: 32 VDC

Interrupting Ratings: 1000A @ 32 VDC *Component Level Temperature Range: -40°C to +125°C -40°C to +105°C -40°C to +105°C

105°C is a typical system level temperature requirement.

Terminals: Ag plated zinc alloy

Housing Material: PA66

Conforms to: SAE 2741 and ISO 8820-3 in reference to electrical, mechanical

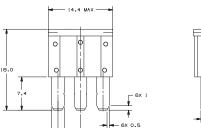
and environmental performance requirements

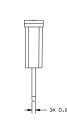
RoHS

Dimensions

Dimensions in mm

<u>(1300</u> ± 1





Ordering Information

Part Number	Package Size
0337xxx.PX2S	2000
0337xxx.LXS	50

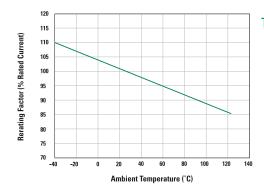
Time-Current Characteristics

% of Rating	Opening Time (Min / Max)
110	100 h / —
135	0.75 sec / 120 sec
160	0.30 sec / 50 sec
200	0.15 sec / 5 sec
350	0.04 sec / 0.50 sec
600	0.02 sec / 0.100 sec

Ratings

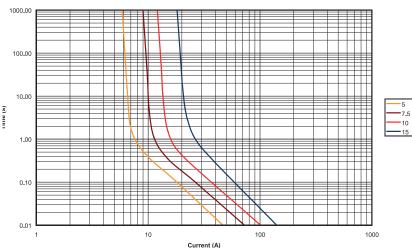
Part Number	Current Rating (A)	Housing Material Color	Typ. Voltage Drop (mV)	Cold Resistance (mΩ)	l²t (A²s)
0337005	5		116	17.4	17
033707.5_	7.5		106	10.8	47
0337010	10		102	7.8	89
0337015	15		94	4.9	189

Temperature Rerating Curve



*Component Level Temperature = the maximum ambient temperature that a single fuse will survive. This does not factor-in the heat from a populated fuse box, but does include the heat from the current load with the proper rerating. **System Level Temperature represents the ambient temperature of the fuse box at a location within the vehicle. The temperature within a populated fuse box (in a given location) will be higher. The limiting factor is the plating. Sn-plating's temperature limit is ~130°C, and Ag-plating allows up to 150°C at the terminal interface.

Time-Current Characteristic Curves



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<u>0337010.LXS</u> <u>0337015.LXS</u> <u>0337005.LXS</u> <u>033707.5LXS</u> <u>0337005.PXS</u> <u>0337010.PXS</u> <u>0337015.PXS</u> 033707.5PXS 033707.5PXS 0337005.PX2S 0337900.PX2S 0337010.PX2S 0337015.PX2S 0337900.UXS