



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.

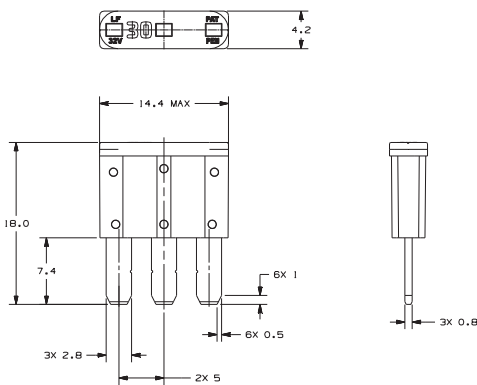
Specifications

Voltage Rating:	32 VDC
Interrupting Ratings:	1000A @ 32 VDC
*Component Level Temperature Range:	-40°C to +125°C
**System Level Temperature Range:	-40°C to +105°C
<i>105°C is a typical system level temperature requirement.</i>	
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



Ordering Information

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

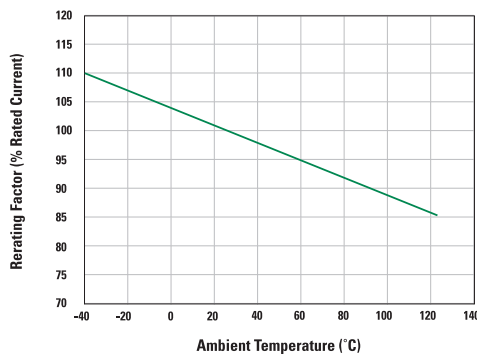
Time-Current Characteristics

% 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

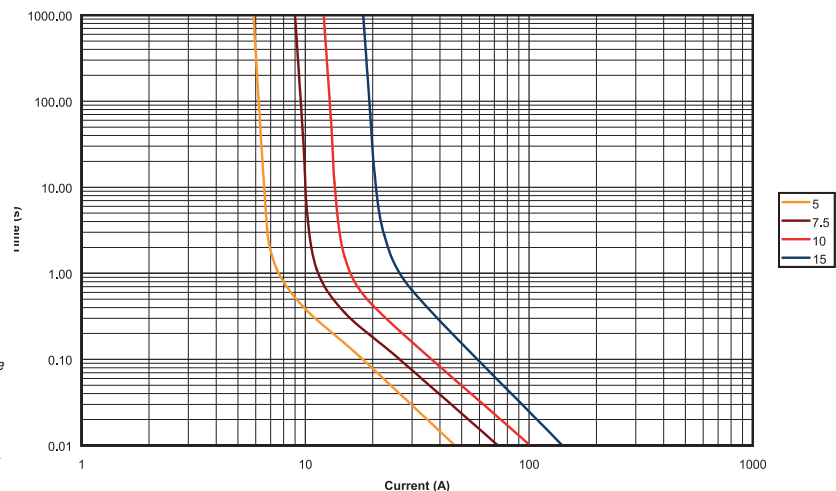
Part Number	Current Rating (A)	Housing Material Color	Typ. Voltage Drop (mV)	Cold Resistance (mΩ)	I ² t (A ² s)
0337005_	5	Orange	116	17.4	17
033707.5_	7.5	Red	106	10.8	47
0337010_	10	Blue	102	7.8	89
0337015_	15	Green	94	4.9	189

Temperature Derating 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 derating.
****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



Mouser Electronics

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