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

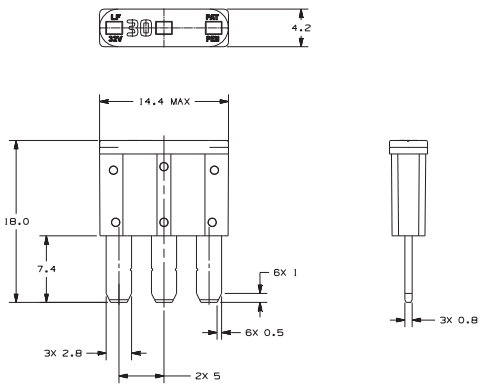
105°C is a typical system level temperature requirement.

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



Ordering Information

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

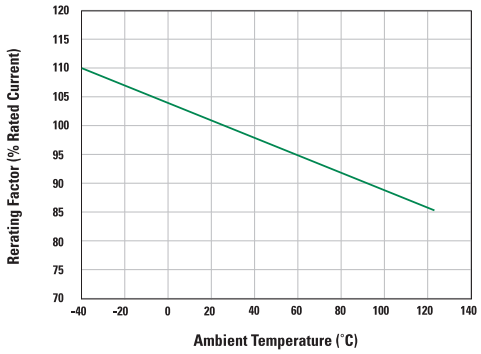
Time-Current Characteristics

% 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

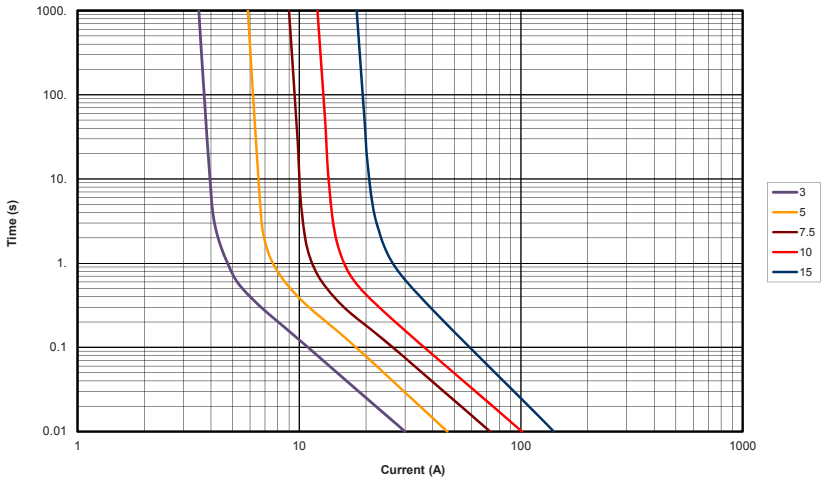
Ratings

Part Number	Current Rating (A)	Housing Material Color	Typ. Voltage Drop (mV)	Cold Resistance (mΩ)	I^2t (A^2s)
0337003._	3		113	31.7	9
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



Time-Current Characteristic Curves



**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.*