



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 req	uirement.		
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

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

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Part Number	Current Rating (A)	Housing Material Color	Typ. Voltage Drop (mV)	Cold Resistance $(\mathbf{m}\Omega)$	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

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.

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Dimensions

Dimensions in mm



Temperature Rerating Curve

