Blade Fuses







MICRO2™ Sn (Tin plated) Blade Fuses

MICRO2™ Blade Fuses Rated 32V

The MICRO2™ Fuse is the new standard for vehicle circuit protection. 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 MICRO2™ Fuse of recommended choice for protection.

Black amperage stamps are used on the 20A & 25A / light colored housings to improve contrast for vision system inspection.

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Specifications	MICRO2	MICRO2 Sn
	(Silver Plated)	(Tin Plated)
Voltage Rating:	32 VDC	32 VDC
Interrupting Ratings:	1000A @ 32 VDC	1000A @ 32 VDC
*Component Level Temperature Range:	-40°C to +125°C	-40°C to +105°C
**System Level Temperature Range:	-40°C to +105°C	-40°C to +85°C

Terminals: Ag plated zinc alloy Sn plated zinc alloy

Housing Material: PA66 PA66

50

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

RoHS

Ordering Information

0327xxx.LXS

Part Number	Package Size	% o
0327xxx.YX2S	4000	
N327xxx LIXS	500	

105°C and 85°C are typical system level temperature requirements.

NΛ	ICE	2∩2	ς'n	Fuse
IVI	ΙЬΓ	1UZ	ОП	ruse

VIICHUZ SII FUSE	
0327xxx.YX2T	4000

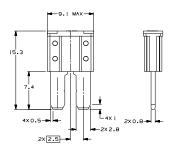
Time-Current Characteristics

and environmental performance requirements

% 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

DimensionsDimensions in mm

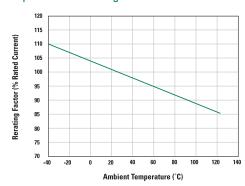




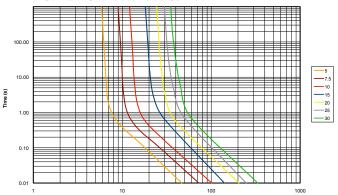
Ratings

Part Number	Current Rating (A)	Housing Material Color	Typ. Voltage Drop (mV)	Cold Resistance $(m\Omega)$	l²t (A²s)
0327005	5		116	17.4	17
032707.5_	7.5		106	10.8	47
0327010	10		102	7.7	89
0327015	15		94	4.9	189
0327020	20		91	3.5	397
0327025	25		90	2.6	585
0327030	30		88	2.1	1028

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.

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