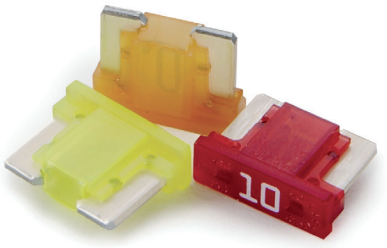


Low Profile MINI®
Blade Fuses

Low Profile MINI® 10.9mm
Blade Fuses

Low Profile MINI® Blade Fuses Rated 58V

The Low Profile MINI® fuse has similar performance characteristics as the standard MINI® fuse. The lower overall height allows for more space and weight savings. The Low Profile MINI® fuse is designed to mate with tuning-fork terminals, which provides additional weight and material savings in fuse box designs by eliminating the need for female box terminals.

Specifications

Voltage Rating:	58 VDC
Interrupting Rating:	1000A @ 58 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
Housing Material:	PA66
Complies with:	ISO 8820-9

RoHS

Low Profile MINI®
10.9mm

Ordering Information

Part Number	Package Size	Plating
0891xxx.NXS	5000	Ag
0891xxx.U	500	Ag
0891xxx.H	100	Ag
Low Profile MINI® 10.9mm Fuse		
0891xxx.NXWS	5000	Ag

Time-Current Characteristics

% of Rating	Opening Time Min / Max (s)
110	360,000 s / –
135	0.750 s / 120 s
200	0.150 s / 5 s
350	0.080 s / 0.250 s
600	0.030 s / 0.100 s

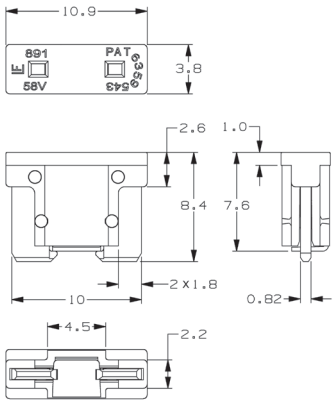
Ratings

Part Number	Current Rating (A)	Housing Material Color	Cold Resistance (mΩ)	I²t (A²s)
0891002._†	2		54.2	3
0891005._	5		17.21	22
089107.5_	7.5		10.65	53
0891010._	10		7.59	102
0891015._	15		4.70	198
0891020._	20		3.35	420
0891025._	25		2.56	613
0891030._	30		2.06	1110

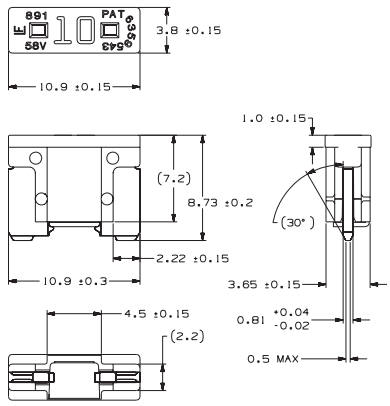
† Only offered for the 10.0mm series.

Dimensions

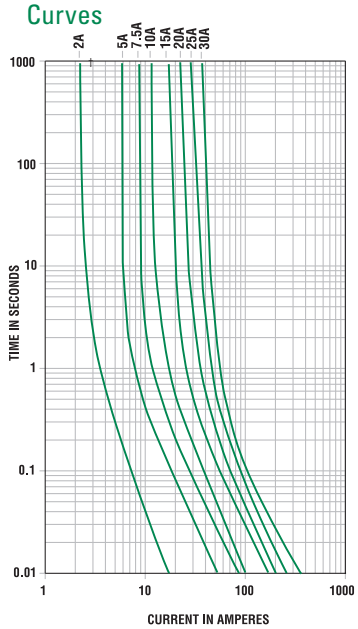
Dimensions in mm



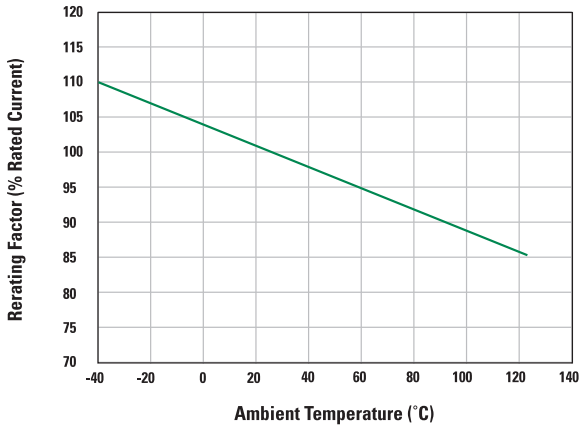
Low Profile MINI® 10.9mm



Time-Current Characteristic Curves



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.*

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