



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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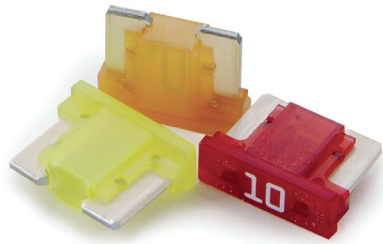


Low Profile MINI® Blade Fuses Rated 58V

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



Low Profile MINI® Blade Fuses



Low Profile MINI® 10.9mm Blade Fuses

Time-Current Characteristics

Part Number	Package Size	Plating	% of Rating	Opening Time Min / Max (s)
0891xxx.NXS	5000	Ag	110	360,000 s / -
0891xxx.U	500	Ag	135	0.750 s / 120 s
0891xxx.H	100	Ag	200	0.150 s / 5 s
Low Profile MINI® 10.9mm Fuse				
0891xxx.NXWS	5000	Ag	350	0.080 s / 0.250 s
			600	0.030 s / 0.100 s

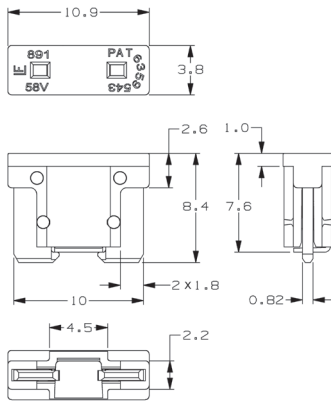
Ratings

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

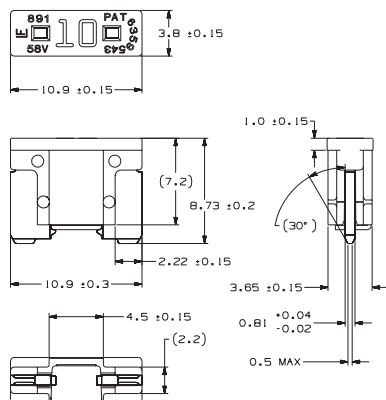
† Only offered for the 10.0mm series.

Dimensions

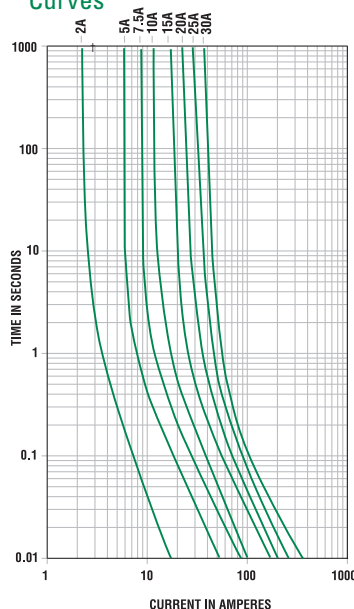
Dimensions in mm



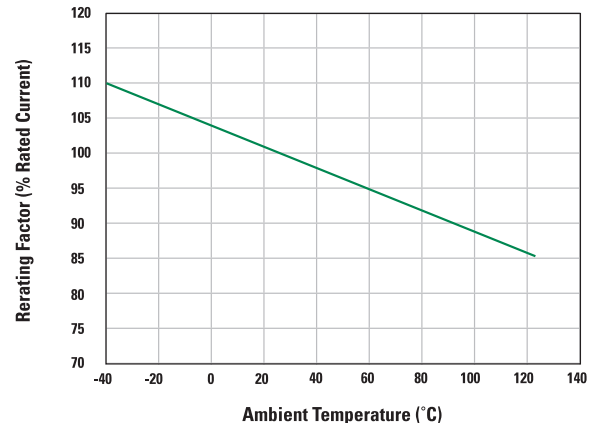
Low Profile MINI® 10.9mm



Time-Current Characteristic Curves



Temperature 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.

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