

0.030 s / 0.100 s



# MINI<sup>®</sup> Blade Fuses Rated 58V

MINI® style fuse for use in 42V Systems. Same Time-Current characteristic as the 32V MINI® fuse. Fits into standard MINI® fuse sockets. Has a rejection feature to prevent fuses with lower voltage rating from being wrongfully inserted into the circuit. Current rating 2A - 30A @58 VDC max.

SAE J2077, SAE 2576

UL 248 Special Purpose Fuses

ISO 8820

#### **Specifications**

Interrupting Rating: 1000A @ 58 VDC Voltage Rating: 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 alloy PA66

Housing Materials: Complies with:



#### Orderin

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ng Information		Time-Current Characteristics		
art Number	Package Size	% of Rating	Opening Time Min / Max (s)	
0997xxx.WXN	3000	110	360,000 s / —	
		135	0.75 s / 600 s	
		200	0.15 s / 5 s	
		350	0.080 s / 0.500 s	

600

#### Ratings

Part Number	Current Rating (A)	Housing Material Color	Typ. Voltage Drop (mV)	$\begin{array}{c} \text{Cold Resistance} \\ (\textbf{m}\Omega) \end{array}$	l²t (A²s)
0997002_	2		171	55.60	2.8
0997003_	3		153	33.75	9.4
0997004_	4		121	23.48	17
0997005_	5		129	17.75	25
099707.5_	7.5		135	10.85	68
0997010_	10		108	7.42	93
0997015_	15		98	4.58	270
0997020_	20		96	3.21	380
0997025_	25		86	2.36	625
0997030_	30		87	1.85	1130

#### Dimensions



### **Temperature Rerating Curve**



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## **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

allows up to 150°C at the terminal interface

at a location within the vehicle. The temperature within a populated

the plating. Sn-plating's temperature limit is ≈130°C, and Ag-plating

fuse box (in a given location) will be higher. The limiting factor is