



FATM Series

Blade Fuses

Description

A range of fast-acting miniature blade fuses for automotive and low-voltage circuits

Ratings

Volts: 32Vac/dc

Amps: 2 to 30A

Interrupting Rating: 1kA

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Amps: 2 to 30A

Interrupting Rating: 1kA

Materials

silver-plated zinc terminal and element

Polyamide housing with UL94HB flammability

Environmental

Operating temperature range -40°C to +80°C, 95% RH non-condensing

Storage temperature range -5°C to +35°C or lower, 85% RH non-condensing

Features

Halogen free and RoHS Compliant

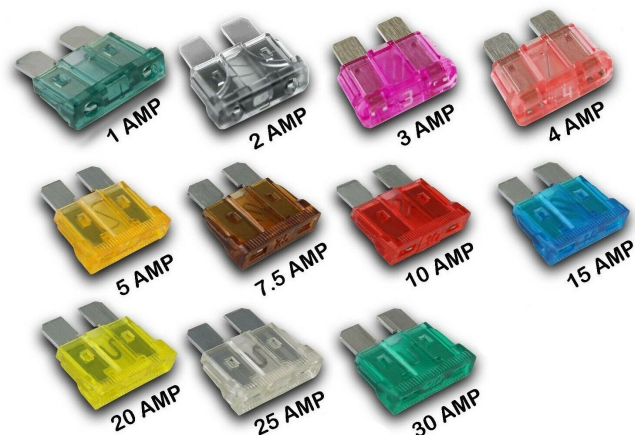
Test points on fuse housing speeds troubleshooting

Industry standard color coded by amp rating

Part Number

Part Number	Current Rating	Voltage Rating (VDC)	Typ. Voltage Drop	Cold Resistance	I ² t	Housing Color
FATM-1A	1A	32V	176mV	72.00mΩ	9.7A ² s	Black
FATM-2A	2A	32V	171mV	33.60mΩ	2.8A ² s	Gray
FATM-3A	3A	32V	153mV	23.75mΩ	9.4A ² s	Purple
FATM-4A	4A	32V	136mV	23.8mΩ	31A ² s	Pink
FATM-5A	5A	32V	129mV	16.50mΩ	25A ² s	Orange
FATM-7.5A	7.5A	32V	135mV	10.58mΩ	68A ² s	Brown
FATM-10A	10A	32V	108mV	6.8mΩ	93A ² s	Red
FATM-15A	15A	32V	98mV	5.06mΩ	270A ² s	Blue
FATM-20A	20A	32V	96mV	3.10mΩ	380A ² s	Yellow
FATM-25A	25A	32V	86mV	2.46mΩ	625A ² s	Natural
FATM-30A	30A	32V	87mV	2.05mΩ	1130A ² s	Green

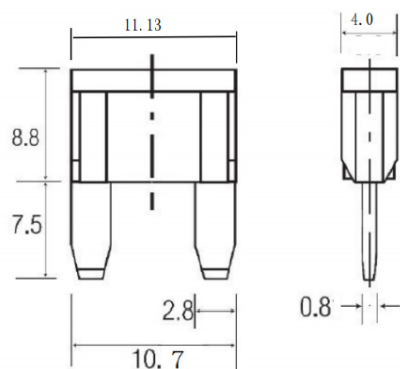
Specifications are subject to change without notice.



Operating at 23°C

% of fuse amp rating	Min	Max.
110%	100 hrs	-
135%	0.75 sec	600 sec
160%	0.25 sec	50.0 sec
200%	0.15 sec	5.0 sec
350%	0.04 sec	0.5 sec
600%	0.02 sec	0.1 sec

Dimensions (Units:mm)

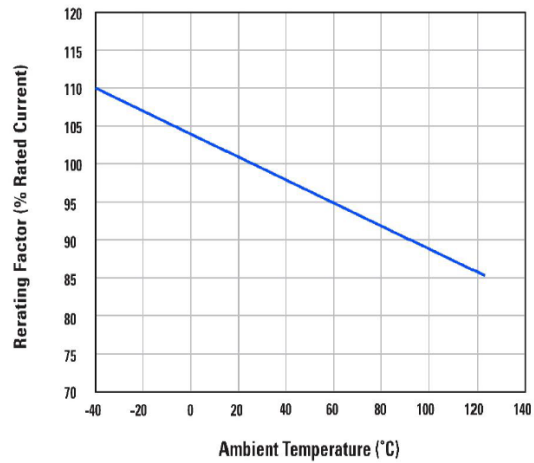




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Temperature Derating Curve



Time-Current Characteristic Curves

