

# MICRO3™ Blade Fuses - Aftermarket

Rated 32V

RoHS



## Specifications

|                                                |                                                                                                           |
|------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| <b>Voltage Rating:</b>                         | 32 VDC                                                                                                    |
| <b>Interrupting Rating:</b>                    | 1000A @ 32 VDC                                                                                            |
| <b>*Recommended Environmental Temperature:</b> | -40°C to +125°C                                                                                           |
| <b>Terminals Material:</b>                     | Silver plated zinc alloy                                                                                  |
| <b>Housing Material:</b>                       | PA66<br>(U.L. 94 Flammability rating – V2)                                                                |
| <b>Net Weight Per Fuse:</b>                    | 0.95±10% gr                                                                                               |
| <b>Complies with:</b>                          | SAE 2741 and ISO 8820-3 in reference to electrical, mechanical and environmental performance requirements |

\*Silver plating allows up to 150°C at the terminal interface.

## Applications

- Cars
- Trucks
- SUVs
- Offroad vehicles
- Buses
- Watercraft as approved by Littelfuse®

## Description

MICRO3™ automotive blade fuses feature three silver-plated blades and two fuse elements while also boasting subminiature design. This allows automakers to pack more circuit protection into less space. Despite their low weight, MICRO3™ fuses perform well in adverse environments and at extreme temperatures.

## Features & Benefits

- Color coding shows the amperage rating for each fuse
- See-through housing makes it easy to check whether a fuse has blown
- Checkpoints on top make it possible to measure resistance without removing the fuse
- High-contrast amperage stamp on the top of the housing aids identification
- Simple to install and remove

## Ordering Information

| COLOR CODE | CURRENT RATING (A) | BULK 200    | BULK 50 PC  | BOXED 5 PC | CARDED 5 PC |
|------------|--------------------|-------------|-------------|------------|-------------|
|            |                    | MATERIAL #  | MATERIAL #  | MATERIAL # | MATERIAL #  |
| Tan        | 5A                 | 0337005.PXS | 0337005.LXS | MIC3005.V  | MIC3005.VP  |
| Brown      | 7.5A               | 033707.5PXS | 033707.5LXS | MIC307.5V  | MIC307.5VP  |
| Red        | 10A                | 0337010.PXS | 0337010.LXS | MIC3010.V  | MIC3010.VP  |
| Blue       | 15A                | 0337015.PXS | 0337015.LXS | MIC3015.V  | MIC3015.VP  |

Please refer to the Littelfuse Aftermarket catalog for packaging information.

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### Ratings

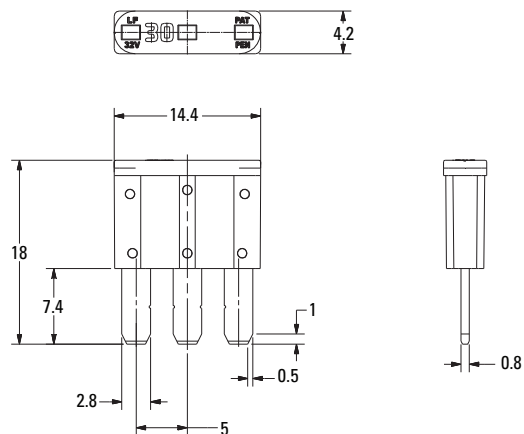
| Part Numbers          | Current Rating (A) | Housing Material Color                                                            | Test Cable Size (mm <sup>2</sup> ) |                    | Typ. Voltage Drop (mV) | Typ. Cold Resistance (mΩ) | Typ. I <sup>2</sup> t (A <sup>2</sup> s) |
|-----------------------|--------------------|-----------------------------------------------------------------------------------|------------------------------------|--------------------|------------------------|---------------------------|------------------------------------------|
|                       |                    |                                                                                   | Side Fuse Blades                   | Center Fuse Blades |                        |                           |                                          |
| 0337005_ / MIC3005_   | 5                  |  | 0.5                                | 1                  | 116                    | 17.4                      | 17                                       |
| 033707.5_ / MIC307.5_ | 7.5                |  | 0.75                               | 1.5                | 106                    | 10.8                      | 47                                       |
| 0337010_ / MIC3010_   | 10                 |  | 1                                  | 2.5                | 102                    | 7.8                       | 89                                       |
| 0337015_ / MIC3015_   | 15                 |  | 1.5                                | 4                  | 94                     | 4.9                       | 189                                      |

The typical I<sup>2</sup>t is an average value calculated from the breaking capacity tests by using the melting time before the arcing occurs.

### Dimensions

Dimensions in mm for reference only.

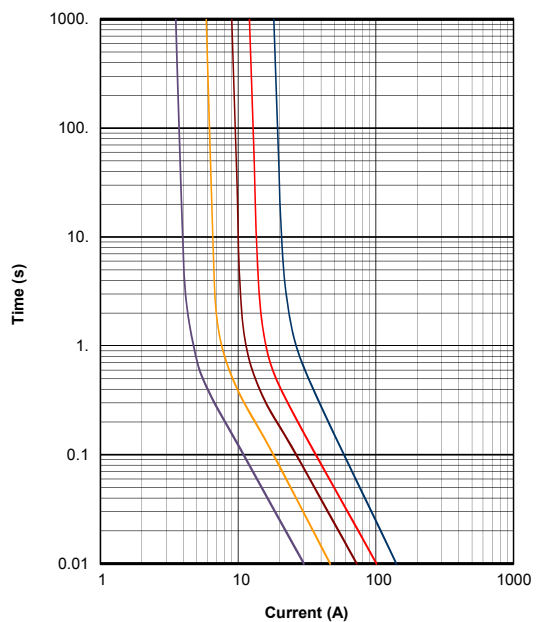
See outline drawing for dimensions and tolerances.



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## Time-Current Characteristic Curves



## Time-Current Characteristics

| % of Rating | Opening Time Min / Max (s) |
|-------------|----------------------------|
| 110         | 360,000 / ∞                |
| 135         | 0.75 / 120                 |
| 160         | 0.3 / 50                   |
| 200         | 0.15 / 5                   |
| 350         | 0.04 / 0.5                 |
| 600         | 0.02 / 0.1                 |

## Typical Rerating Curve

