

# FUN MINI® STYLE BLADE FUSE RATED 125V

**RoHS**

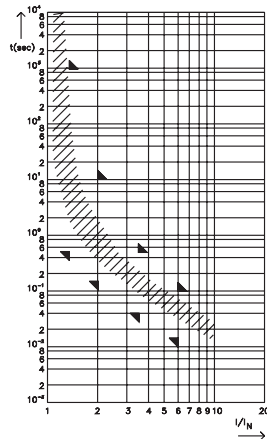


## Description

The FUN is a 125V rated MINI® style fuse. It features a three part construction with copper contacts for excellent reliability in harsh environment conditions and low voltage drop. Current ratings 3A thru 15A. Filled with arc-quenching material.

## Pre-Arcing Time-Limits

$FI = 1.43$  (max. operating current :  $0.7 \times I_{rat}$  at 23°C)



## Ratings

| Part Number   | Current Rating | Housing Color | Typ. Voltage Drop | Cold Resistance | $I^2t$   |
|---------------|----------------|---------------|-------------------|-----------------|----------|
| 125.6785.430_ | 3 A            |               | 130 mV            | 35.0 mΩ         | 8.50 A²s |
| 125.6785.440_ | 4 A            |               | 120 mV            | 23.5 mΩ         | 14.5 A²s |
| 125.6785.450_ | 5 A            |               | 120 mV            | 18.0 mΩ         | 25.0 A²s |
| 125.6785.475_ | 7.5 A          |               | 110 mV            | 11.0 mΩ         | 60.0 A²s |
| 125.6785.510_ | 10 A           |               | 110 mV            | 8.00 mΩ         | 85.0 A²s |
| 125.6785.515_ | 15 A           |               | 110 mV            | 5.00 mΩ         | 155 A²s  |

Corresponding holder see Section "Fuse Holders."

## Specifications

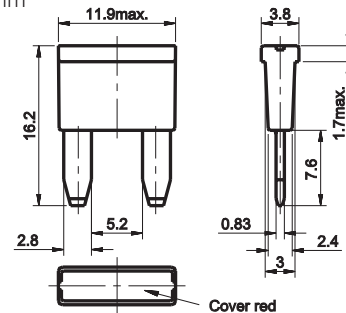
|                      |                                                 |
|----------------------|-------------------------------------------------|
| Insulating Body:     | Out of thermoplastic (UL 94-V0, heat-resistant) |
| Cover:               | Out of thermoplastic V0                         |
|                      | Red, not transparent                            |
| Terminals:           | Blade contacts                                  |
|                      | Copper alloy, gal. Sn plated                    |
|                      | Edge-protected                                  |
| Interrupting Rating: | 1000 A @125 VDC                                 |

## Ordering Information

| Part Number   | Package Size |
|---------------|--------------|
| 125.6785.xxx2 | 1000         |
| 125.6785.xxx7 | 50           |

## Dimensions

Dimensions in mm



## Time-Current Characteristics

| % of Rating | Opening Time Min / Max (s) |
|-------------|----------------------------|
| 110         | 360,000 s / -              |
| 150         | 0.500 s / 900 s            |
| 200         | 0.150 s / 10 s             |
| 350         | 0.040 s / 0.500 s          |
| 600         | 0.015 s / 0.100 s          |

# Mouser Electronics

Authorized Distributor

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Littelfuse:

|                                      |                                      |                                      |                                      |                                      |                                      |                                      |
|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|
| <a href="#"><u>125.6785.5152</u></a> | <a href="#"><u>125.6785.4402</u></a> | <a href="#"><u>125.6785.5102</u></a> | <a href="#"><u>125.6785.4752</u></a> | <a href="#"><u>125.6785.4502</u></a> | <a href="#"><u>125.6785.4302</u></a> | <a href="#"><u>125.6785.5157</u></a> |
| <a href="#"><u>125.6785.4307</u></a> | <a href="#"><u>125.6785.4757</u></a> | <a href="#"><u>125.6785.5107</u></a> | <a href="#"><u>125.6785.4407</u></a> | <a href="#"><u>125.6785.4507</u></a> | <a href="#"><u>125.7000.4407</u></a> | <a href="#"><u>125.7000.4507</u></a> |
| <a href="#"><u>125.7000.5102</u></a> | <a href="#"><u>125.7000.5157</u></a> | <a href="#"><u>125.7000.4307</u></a> | <a href="#"><u>125.7000.5107</u></a> |                                      |                                      |                                      |