## High Voltage Fuses





Low Current High Voltage 50A Fuses

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The LC HEV fuse is designed for protection of high-voltage accessory circuits in electric and hybrid electric vehicles.

#### **Specifications**

Voltage Rating (50A): Interrupting Rating (50A): Operating Temperature Range: 275 VAC 10,000A @ 275 VAC -40°C to +125°C

#### **Ordering Information**

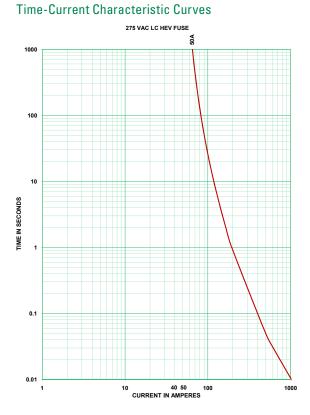
| Part Number     | Termination       | Package<br>Size |  |
|-----------------|-------------------|-----------------|--|
| 0HEVxxx.ZXC2    | Cartridge         | 240             |  |
| 0HEVxxx.ZXISO2  | Bolt Down (ISO)   | 240             |  |
| 0HEVxxx.ZXP2Y   | Blade             | 240             |  |
| 0HEVxxx.ZXPCB2  | PCB Mount         | 240             |  |
| 0HEVxxx.ZXPCBL2 | PCB Mount (Long)  | 240             |  |
| 0HEVxxx.ZXBD2   | Bolt Down (Axial) | 240             |  |

#### **Time-Current Characteristics**

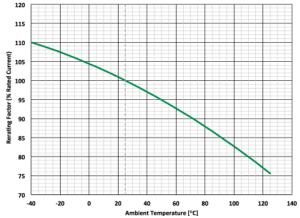
| % of Rating | Opening Time Min / Max (s) |
|-------------|----------------------------|
| 100         | 100 hrs / -                |
| 110         | 4 hrs / -                  |
| 135         | -                          |
| 150         | -                          |
| 200         | 0.5 / 100                  |
| 300         | 0.1 / 15                   |
| 500         | 0.05 / 1                   |

#### Ratings

| Part<br>Number | Current<br>Rating<br>(A) | Voltage<br>Rating<br>(VAC) | Color<br>Code | Typical Voltage<br>Drop at 70% I <sub>R</sub><br>(mV) | Maximum Voltage<br>Drop Spec at 100% I <sub>R</sub><br>(mV) | Typical Cold<br>Resistance<br>(mΩ) | Minimum<br>Melting I²t<br>(A²s) |
|----------------|--------------------------|----------------------------|---------------|---|---|------------------------------------|---------------------------------|
| 0HEV050.XXX    | 50                       | 275                        |               | 57  | 200   | 1.2                                | 1495                            |



#### Temperature Rerating Curve



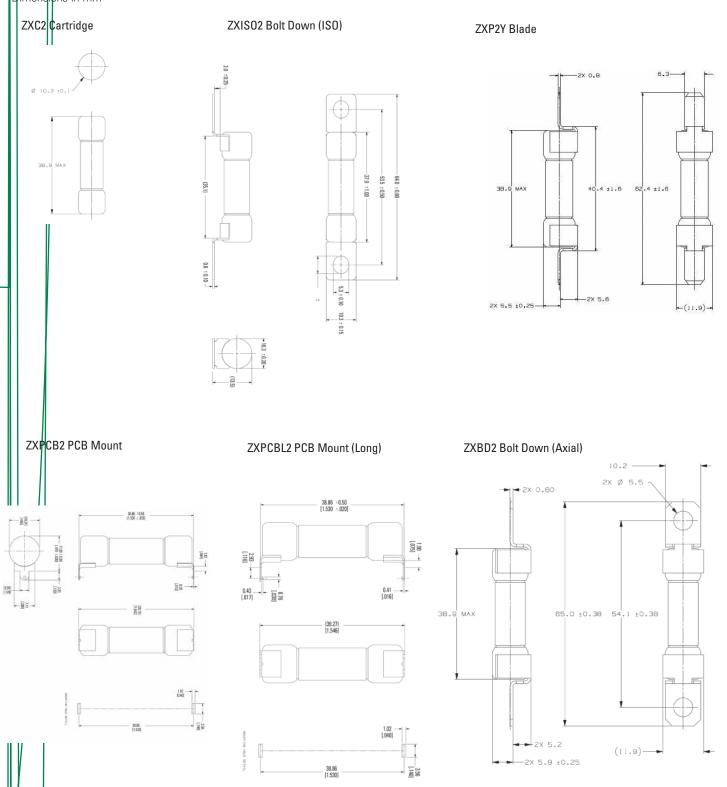
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#### Dimensions

Dimensions in mm



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