

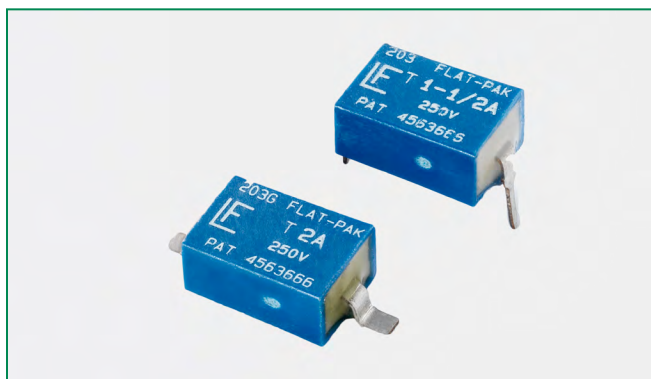
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### 203 Series Fuse



#### Description

Fast-Acting and Slo-Blo® Fuse versions of the Flat-Pak® Fuse designs are available. Both designs are available in either a gull-wing surface mount package or a DIP configuration for through-hole mounting. These fuse designs feature a 250 VAC rating in a low profile, rectangular package.

#### Agency Approvals

| AGENCY  | AGENCY FILE NUMBER | AMPERE RANGE |
|---|--------------------|--------------|
|  | E10480             | 0.250A - 5A  |
|  | 29862              | 0.250A - 5A  |

#### Additional Information



Datasheet



Resources





Samples

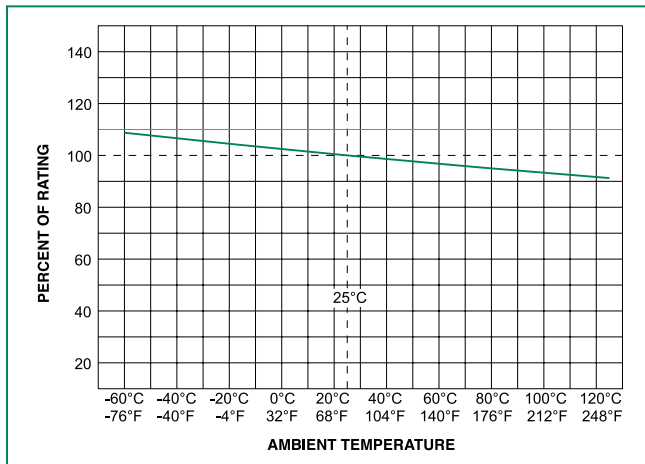
#### Electrical Characteristics for Series

| % of Ampere Rating | Opening Time                   |
|--------------------|--------------------------------|
| 100%               | 4 hours, Minimum               |
| 200%               | 1 second, Min; 30 seconds Max. |

#### Electrical Specifications by Item

| Ampere Rating (A) | Amp Code | Max Voltage Rating (V) | Interrupting Rating | Nominal Cold Resistance (Ohms) | Nominal Melting I <sup>2</sup> t (A <sup>2</sup> sec) | Agency Approvals  |   |
|-------------------|----------|------------------------|---------------------|--------------------------------|---|---|---|
|                   |          |                        |                     |                                |   |  |  |
| 0.25              | .250     | 250                    | 50A@250VAC          | 1.320                          | 0.0126  | x   | x   |
| 0.50              | .500     | 250                    |                     | 0.433                          | 0.112   | x   | x   |
| 0.75              | .750     | 250                    |                     | 0.158                          | 0.462   | x   | x   |
| 1.00              | 001.     | 250                    |                     | 0.0755                         | 0.328   | x   | x   |
| 1.50              | 015.     | 250                    |                     | 0.0399                         | 0.850   | x   | x   |
| 2.00              | 002.     | 250                    |                     | 0.0337                         | 1.70  | x   | x   |
| 2.50              | 02.5     | 250                    |                     | 0.0243                         | 2.87  | x   | x   |
| 3.00              | 003.     | 250                    |                     | 0.0197                         | 4.40  | x   | x   |
| 4.00              | 004.     | 250                    |                     | 0.0148                         | 11.66   | x   | x   |
| 5.00              | 005.     | 250                    |                     | 0.0120                         | 14.7  | x   | x   |

### Temperature Re-rating Curve



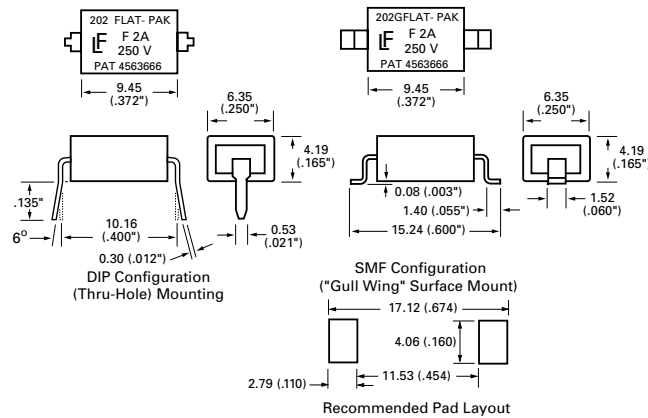
Note:

1. Re-rating depicted in this curve is in addition to the standard derating of 25% for continuous operation.

### Soldering Parameters

|                  |                        |
|------------------|------------------------|
| Wave Soldering   | 260°C, 3 seconds max.  |
| Reflow Soldering | 215°C, 30 seconds max. |

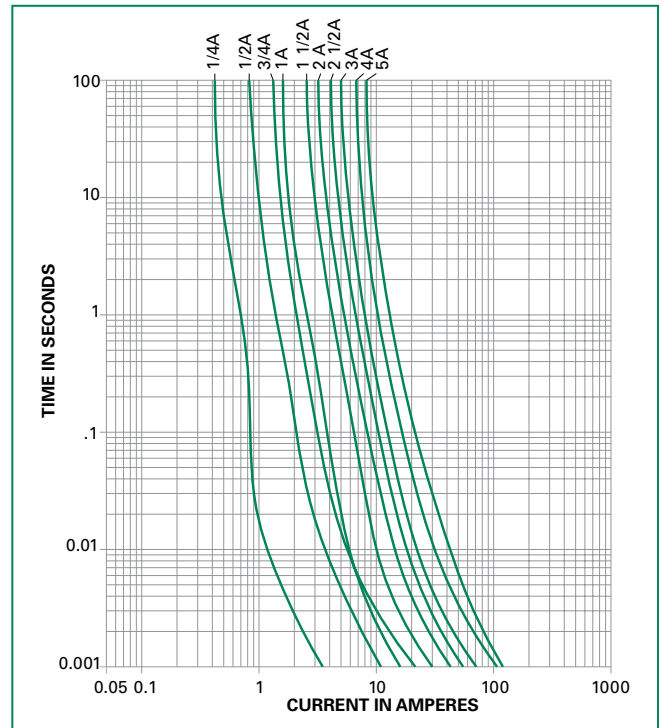
### Dimensions



### Packaging

| Packaging Option           | Packaging Specification    | Quantity | Quantity & Packaging Code |
|----------------------------|----------------------------|----------|---------------------------|
| <b>Surface Mount Fuses</b> |                            |          |                           |
| Bulk                       | -                          | 100      | HXG                       |
| 24mm Tape and Reel         | EIA 481 (IEC60286, part 3) | 500      | URG                       |
| <b>Through Hole Fuses</b>  |                            |          |                           |
| Antistatic Magazine        | -                          | 100      | H                         |

### Average Time Current Curves



### Product Characteristics

|                              |   |
|------------------------------|---|
| <b>Materials</b>             | Body: Thermoplastic<br>Terminations: Tin/Lead Plated Copper |
| <b>Solderability</b>         | MIL-STD-202, Method 208.                                    |
| <b>Cleaning</b>              | Board washable in most common solvents.                     |
| <b>Operating Temperature</b> | -55°C to 125°C  |

### Part Numbering System

