

## Excellent Integrated System Limited

Stocking Distributor

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# AXIAL LEAD AND CARTRIDGE FUSES



## SUBMINIATURE

### PICO® II Slo-Blo® Type Fuse



The PICO® II Slo-Blo® fuse combines time delay performance characteristics with the proven reliability of a Picofuse.

#### ELECTRICAL CHARACTERISTICS:

| % of Ampere Rating | Opening Time                                        |
|--------------------|-----------------------------------------------------|
| 100%               | 4 hours, <b>Minimum</b>                             |
| 200%               | 1 second, <b>Min.:</b> 60 seconds, <b>Max.</b>      |
| 300%               | 0.2 seconds, <b>Min.:</b> 3 seconds, <b>Max.</b>    |
| 800%               | 0.02 seconds, <b>Min.:</b> 0.1 seconds, <b>Max.</b> |

**AGENCY APPROVALS:** <sup>1</sup> Recognized under the Components Program of Underwriters Laboratories and Certified by CSA. Approved by MITI from 1 through 5 amperes.

**AGENCY FILE NUMBERS:** UL E10480, CSA LR 29862.

#### INTERRUPTING RATINGS:

50 amperes at 125 VDC/VAC

#### ENVIRONMENTAL SPECIFICATIONS:

**Operating Temperature:** -55°C to 125°C.

**Shock:** MIL-STD-202, Method 213, Test Condition I (100 G's peak for 6 milliseconds).

**Vibration:** MIL-STD-202, Method 201 (10–55 Hz); MIL-STD-202, Method 204, Test Condition C (55–2000 Hz at 10 G's Peak).

**Salt Spray:** MIL-STD-202, Method 101, Test Condition B.

**Insulation Resistance (After Opening):** MIL-STD-202, Method 302, (10,000 ohms minimum at 100 volts).

**Resistance to Soldering Heat:** MIL-STD-202, Method 210, Test Condition C (20 sec at 260°C).

**Thermal Shock:** MIL-STD-202, Method 107, Test Condition B (-65°C to 125°C).

**Moisture Resistance:** MIL-STD-202, Method 106 (90–98% RH), Heat (65°C).

#### PHYSICAL SPECIFICATIONS:

**Materials:** Encapsulated, Epoxy-Coated Body; Solder Coated Copper Wire Leads.

**Flammability Rating:** UL94VO.

#### Soldering Parameters:

Wave Solder — 260°C, 3 seconds maximum.

**Solderability:** MIL-STD-202, Method 208.

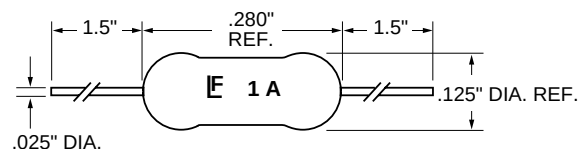
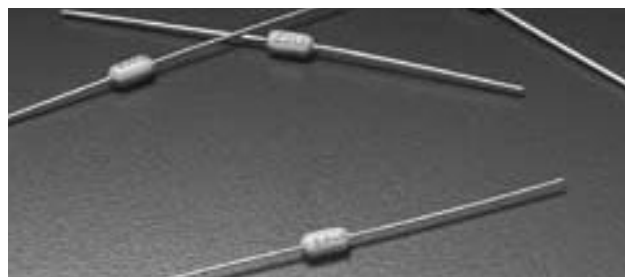
**Lead Pull Force:** MIL-STD-202, Method 211, Test Condition A (will withstand a 10 lb. axial pull test).

**PACKAGING SPECIFICATIONS:** Tape and Reel per EIA-296; T1: 2.062" (52.4mm) taped spacing; 4,000 per reel.

#### PATENTED

#### ORDERING INFORMATION:

| Catalog Number | Ampere Rating | Voltage Rating | Nominal Resistance Cold Ohms | Nominal Melting I <sup>2</sup> t A <sup>2</sup> Sec. |
|----------------|---------------|----------------|------------------------------|------------------------------------------------------|
| 473.375        | 3/8           | 125            | 1.74                         | 0.0850                                               |
| 473.500        | 1/2           | 125            | 1.13                         | 0.210                                                |
| 473.750        | 3/4           | 125            | 0.460                        | 0.760                                                |
| 473.001        | 1             | 125            | 0.267                        | 2.01                                                 |
| 473.01.5       | 1 1/2         | 125            | 0.117                        | 3.94                                                 |
| 473.002        | 2             | 125            | 0.0730                       | 7.60                                                 |
| 473.2.25       | 2 1/4         | 125            | 0.0630                       | 9.28                                                 |
| 473.02.5       | 2 1/2         | 125            | 0.0520                       | 13.0                                                 |
| 473.003        | 3             | 125            | 0.0380                       | 21.0                                                 |
| 473.03.5       | 3 1/2         | 125            | 0.0240                       | 26.8                                                 |
| 473.004        | 4             | 125            | 0.0194                       | 35.0                                                 |
| 473.005        | 5             | 125            | 0.0133                       | 54.8                                                 |
| 473.007        | 7             | 125            | 0.0092                       | 105.0                                                |



Average Time Current Curves

