

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, Minimum |
| 200% | 1 second, Min.: 60 seconds, Max. |
| 300% | 0.2 seconds, Min.: 3 seconds, Max. |
| 800% | 0.02 seconds, Min.: 0.1 seconds, Max. |

AGENCY APPROVALS: ¹ 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 ² t A ² 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 | 1½ | 125 | 0.117 | 3.94 |
| 473 002 | 2 | 125 | 0.0730 | 7.60 |
| 473 2.25 | 2¼ | 125 | 0.0630 | 9.28 |
| 473 02.5 | 2½ | 125 | 0.0520 | 13.0 |
| 473 003 | 3 | 125 | 0.0380 | 21.0 |
| 473 03.5 | 3½ | 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 |

