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# Axial Lead Fuses

## Subminiature

### RoHS PICO® II Time Lag Fuse 472 Series



- The PICO® II time-lag fuse is designed for applications that require moderate inrush withstand and has a very low fuse resistivity.
- For additional inrush withstand, consult the 473 Series.

#### ELECTRICAL CHARACTERISTICS:

% of Ampere Rating	Opening Time
100%	4 hours, <b>Minimum</b>
200%	120 seconds, <b>Max.</b>

**AGENCY APPROVALS:** Recognized under the Components Program of Underwriters Laboratories.

**AGENCY FILE NUMBERS:**

#### INTERRUPTING RATINGS:

0.5 through 3 amperes – 50 amperes at 125 VAC and VDC

3.5 through 5 amperes – 50 amperes at 125 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); Method 204, Test Condition C (55-2000 Hz at 10 G's Peak).

**Moisture Resistance:** MIL-STD-202, Method 106.

#### PHYSICAL SPECIFICATIONS:

**Materials:** Encapsulated, Epoxy-Coated Body; Solder Coated Copper Wire Leads, RoHS Compliant Product: Pure Tin coated copper Wire leads.

**Flammability Rating:** UL 94V0

#### Soldering Parameters:

Wave Solder — 260°C, 10 seconds maximum.

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

**Lead Pull Force:** MIL-STD-202, Method 211, Test Condition A (will Withstand a 7lb. Axial pull test).

#### ORDERING INFORMATION:

Catalog Number	Ampere Rating	Voltage Rating	Nominal Resistance Cold Ohms	Nominal Melting I <sup>2</sup> T A <sup>2</sup> Sec.
0472 .500	1/2	125	0.17445	0.193
0472 001.	1	125	0.07850	0.938
0472 01.5	1.5	125	0.03917	2.408
0472 002.	2	125	0.02507	4.236
0472 02.5	2.5	125	0.02093	7.084
0472 003.	3	125	0.01866	9.360

