

# Axial Lead and Cartridge Fuses

## Subminiature

### RoHS PICO® II Time Lag Fuse 471 Series



- The PICO® II time-lag fuse is designed for applications that require moderate inrush withstand.
- For additional inrush withstand, consult the 473 Series.
- **RoHS Compliant** version now available, use ordering suffix 'L' (see example on data sheet).

#### 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 and Certified by CSA. Approved by METI from 1 through 5 amperes.

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

**INTERRUPTING RATINGS:** 50 amperes at 125 VAC and VDC.

#### 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:

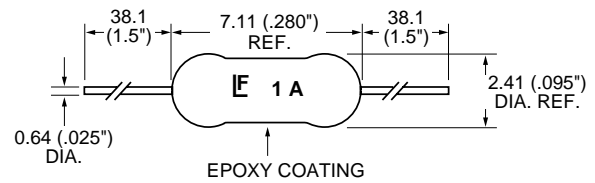
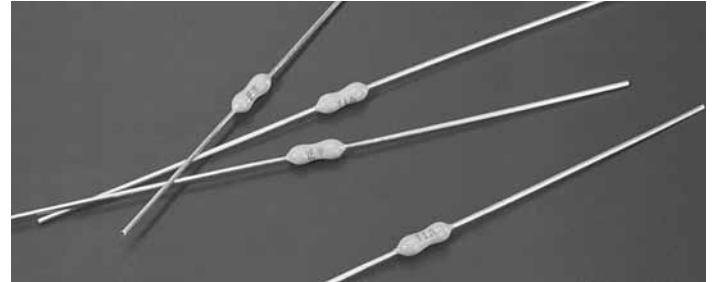
Wave Solder — 260°C, 10 seconds maximum.

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

**Lead Pull Force:** MIL-STD-202, Method 211, Test Condition A (will withstand a 7 lb. 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.
0471.500	1/2	125	0.189	0.159
0471.001.	1	125	0.085	0.722
0471.01.5	1½	125	0.054	1.610
0471.002.	2	125	0.039	2.500
0471.02.5	2½	125	0.030	4.390
0471.003.	3	125	0.023	6.960
0471.004.	4	125	0.012	10.600
0471.005.	5	125	0.008	15.400



**PACKAGING SPECIFICATIONS:** Tape and Reel per EIA-296; T1: 2.062" (52.4mm) taped spacing; 5,000 per reel.

**Options:** For **RoHS Compliant** devices add the letter 'L' to end of packaging suffix. Example: 0471001.NRT1L (RoHS Compliant 1A, 5,000 per reel).

#### Average Time Current Curves

