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, **Min**imum
200%	120 seconds, **Max.**

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

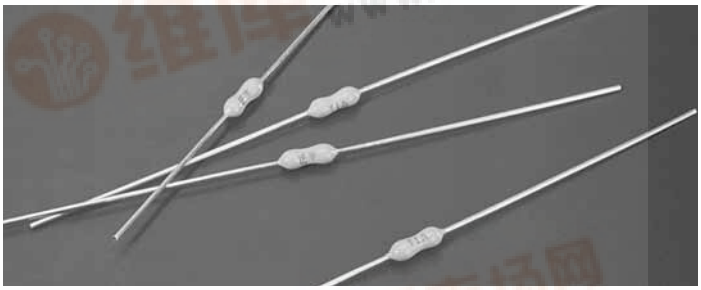
Soldering Parameters:
Wave Solder — 260°C, 10 seconds maximum.

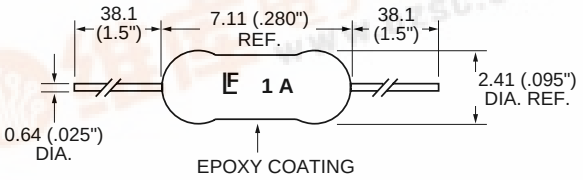
Solderability: MIL-STD-202, Method 208.

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^2t A^2 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