

# ANTREX Electronics

Electronic Components Sourcing Information

---

## Product Reference Information

**Part Number:** 0472003.MXL  
**Manufacturer:** Littelfuse Inc.  
**Package:** Bulk  
**Availability:** Please confirm with sales

### Product Page:

<https://antrexco.com/product/details/littelfuse-inc/0472003-mxl.html>

### Request a Quote:

[Submit RFQ for this part](#)



Scan for product page

## Contact Information

Email: [info@antrexco.com](mailto:info@antrexco.com)

WhatsApp: +86-186-8066-5326

Website: <https://antrexco.com>

## Quality & Trust

New & Original Components

Supplier verification and packaging condition review

CoC / RoHS / REACH documents available on request

Secure sourcing support for OEM / EMS projects

### Note:

This PDF includes an ANTREX product reference cover page.

The original manufacturer datasheet follows from the next page.

---

# 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.

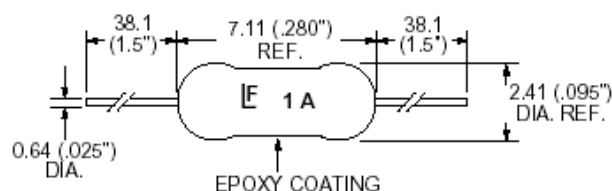
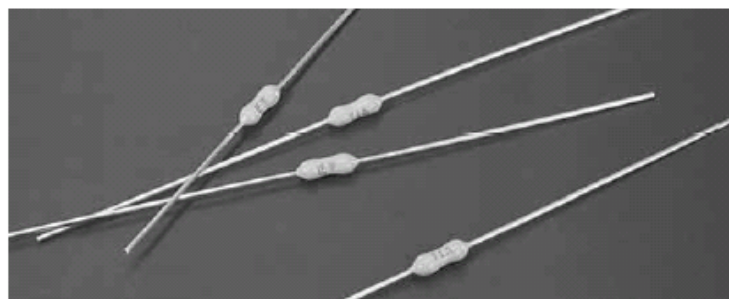
**Flammability Rating:** UL 94V0

#### 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                                                |