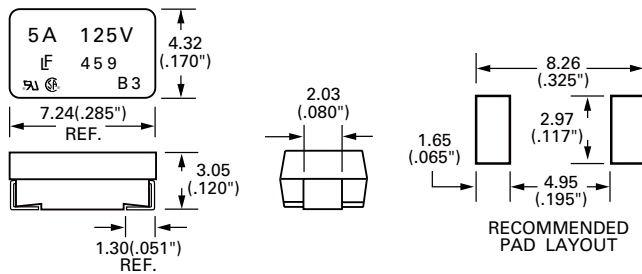


### Product Characteristics

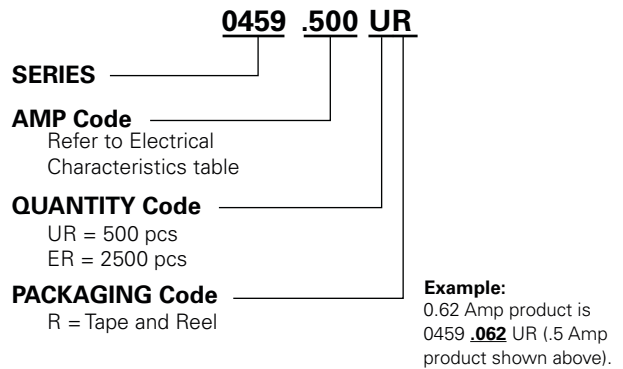
|                                   |   |
|-----------------------------------|---|
| <b>Materials</b>                  | <b>Body:</b> Molded Thermoplastic<br><b>Terminations:</b> 100% Tin-plated Copper (459 Series)         |
| <b>Solderability</b>              | MIL-STD-202, Method 208   |
| <b>Product Marking</b>            | <b>Body:</b> Brand Logo, Current Rating, Voltage Rating, Series Code, Date Code, Agency Approved Logo |
| <b>Moisture Sensitivity Level</b> | Level 1 J-STD - 020C  |

|  |   |
|--|---|
| <b>Operating Temperature</b>                 | -55°C to 125°C  |
| <b>Shock</b>                                 | MIL-STD-202, Method 213, Test Condition I (100 G's peak for 6 msecs.) |
| <b>Vibration</b>                             | MIL-STD-202, Method 201 (10-55 Hz, 0.06 inch total excursion)         |
| <b>Salt Spray</b>                            | MIL-STD-202, Method 101, Test Condition B (48 hours)                  |
| <b>Insulation Resistance (After Opening)</b> | MIL-STD-202, Method 302, (10,000 ohms minimum at 100 volts)           |
| <b>Thermal Shock</b>                         | MIL-STD-202, Method 107, Test Condition B (-65 to 125°C)              |
| <b>Moisture Resistance</b>                   | MIL-STD-202, Method 106, High Humidity (90-98 RH), Heat (65°C)        |

### Dimensions

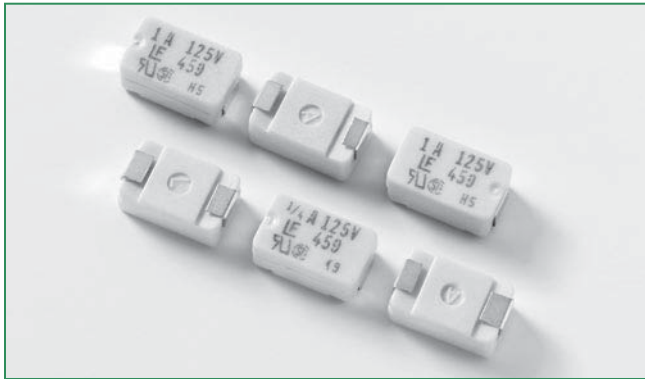


### Part Numbering System



### Packaging

| Packaging Option   | Packaging Specification        | Quantity | Quantity & Packaging Code |
|--------------------|--------------------------------|----------|---------------------------|
| 12mm Tape and Reel | EIA RS-481-1 (IEC 286, part 3) | 500      | UR                        |
| 12mm Tape and Reel | EIA RS-481-1 (IEC 286, part 3) | 2500     | ER                        |

**RoHS HF 460 Series PICO® Slo-Blo® Surface Mount Fuse**

**Description**

The 460 Series Slo-Blo® SMF is based on Littelfuse PICO® fuse through-hole technology, though offered in a surface mount package.

This series of devices meets the requirements of the RoHS directive.




**Features**

- Slow-Blow
- High inrush current withstand capability
- Wide current rating range: 0.375A to 5A
- Wide operating temperature range
- RoHS compliant

**Applications**

- Wireless basestation
- Network equipment
- Telecom equipment




**Agency Approvals**

| AGENCY  | AGENCY FILE NUMBER | AMPERE RANGE |
|---|--------------------|--------------|
|  | E10480             | 0.375A - 5A  |
|  | LR29862            | 0.375A - 5A  |
|  | NBK181103-E10480   | 1A - 5A      |

**Electrical Characteristics for Series**

| % of Ampere Rating | Opening Time                        |
|--------------------|-------------------------------------|
| 100%               | 4 hours, Minimum                    |
| 200%               | 1 second, Min.; 120 seconds, Max.   |
| 300%               | 0.2 second, Min.; 3 seconds, Max.   |
| 800%               | 0.02 second, Min.; 0.1 second, Max. |

**Electrical Specifications by Item**

| Ampere Rating (A) | Amp Code | Max Voltage Rating (V) | Interrupting Rating            | Nominal Cold Resistance (Ohms) | Nominal Melting I <sup>2</sup> t (A <sup>2</sup> sec) | Agency Approvals  |   |   |
|-------------------|----------|------------------------|--------------------------------|--------------------------------|---|---|---|---|
|                   |          |                        |                                |                                |   |  |  |  |
| 0.375             | .375     | 125                    | 50 A @125 VAC<br>50 A @125 VDC | 1.7400                         | 0.085   | x   | x   |   |
| 0.500             | .500     | 125                    |                                | 1.1900                         | 0.210   | x   | x   |   |
| 0.750             | .750     | 125                    |                                | 0.4970                         | 0.760   | x   | x   |   |
| 1.00              | 001.     | 125                    |                                | 0.2800                         | 2.01  | x   | x   | x   |
| 1.50              | 01.5     | 125                    |                                | 0.1160                         | 3.94  | x   | x   | x   |
| 2.00              | 002.     | 125                    |                                | 0.0710                         | 7.60  | x   | x   | x   |
| 2.50              | 02.5     | 125                    |                                | 0.0520                         | 13.0  | x   | x   | x   |
| 3.00              | 003.     | 125                    |                                | 0.0380                         | 21.0  | x   | x   | x   |
| 3.50              | 03.5     | 125                    |                                | 0.0240                         | 26.8  | x   | x   | x   |
| 4.00              | 004.     | 125                    |                                | 0.0194                         | 35.0  | x   | x   | x   |
| 5.00              | 005.     | 125                    |                                | 0.0133                         | 54.8  | x   | x   | x   |