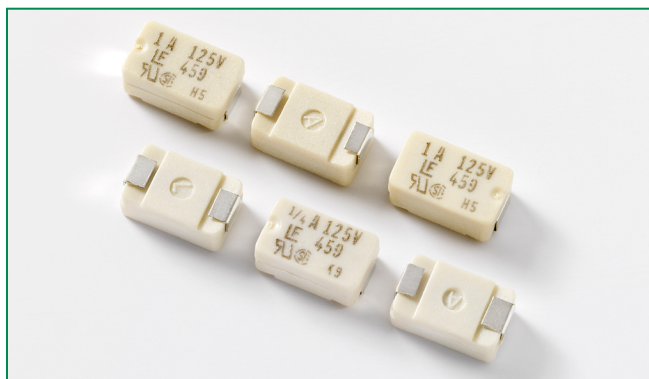


460 Series PICO® Slo-Blo® Surface Mount Fuse



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 - 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
	NBK030205-E10480B	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.

Additional Information



Datasheet



Resources

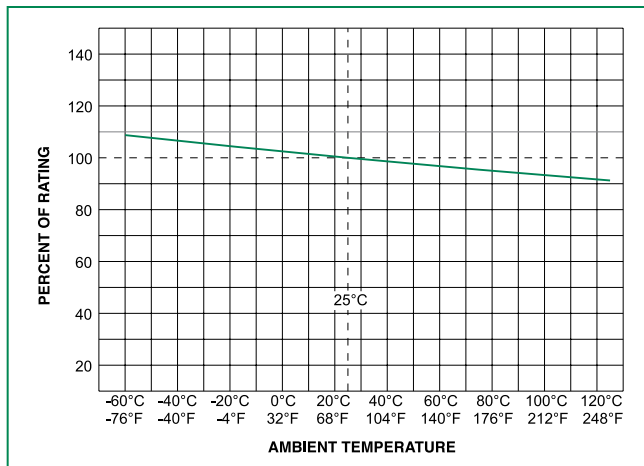


Samples

Electrical Specifications by Item

Ampere Rating (A)	Amp Code	Max Voltage Rating (V)	Interrupting Rating	Nominal Cold Resistance (Ohms)	Nominal Melting I²t (A²sec)	Agency Approvals		
								
0.375	.375	125	50 A @125 VAC 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		0.3000	2.01	x	x	x
1.50	.015	125		0.1160	3.94	x	x	x
2.00	.002	125		0.0710	7.60	x	x	x
2.50	.025	125		0.0520	13.0	x	x	x
3.00	.003	125		0.0380	21.0	x	x	x
3.50	.035	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

Temperature Derating Curve



Note:

1. Derating depicted in this curve is in addition to the standard derating of 25% for continuous operation.

Soldering Parameters

Wave Soldering	260°C, 3 seconds max.
Reflow Soldering	230°C, 30 seconds max.

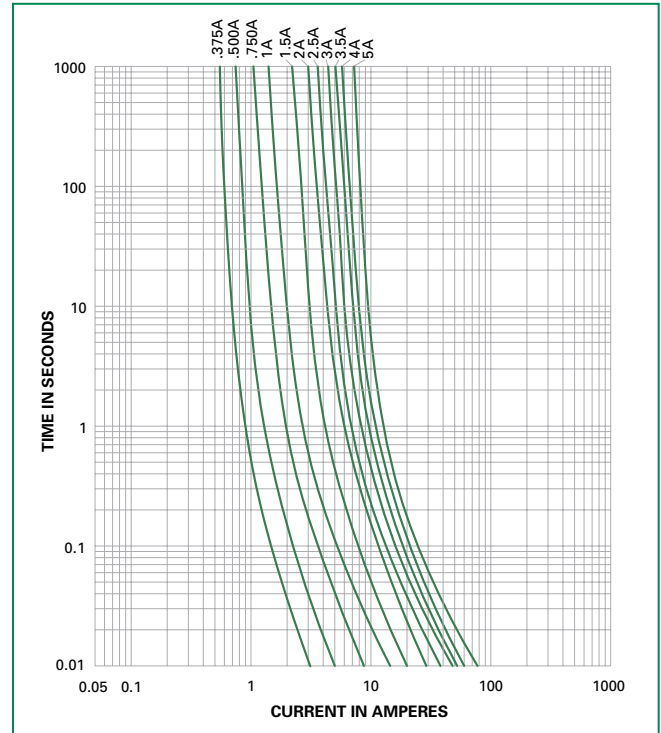
Product Characteristics

Materials	Body: Molded Thermoplastic Terminations: 100% Tin-plated Copper
Solderability	MIL-STD-202, Method 208
Product Marking	Body: Brand Logo, Current Rating, Voltage Rating, Series Code, Date Code, Agency Approved Logo
Moisture Sensitivity	Level 1 J-STD - 020C
Operating Temp.	-55°C to 125°C
Shock	MIL-STD-202, Method 213, Test Condition I (100 G's peak for 6 msecs.)
Vibration	MIL-STD-202, Method 201 (10-55 Hz, 0.06 inch total excursion)
Salt Spray	MIL-STD-202, Method 101, Test Condition B (48 hours)
Insulation Resistance (After Opening)	MIL-STD-202, Method 302, (10,000 ohms minimum at 100 volts)
Thermal Shock	MIL-STD-202, Method 107, Test Condition B (-65°C to 125°C)
Moisture Resistance	MIL-STD-202, Method 106, High Humidity (90-98 RH), Heat (65°C)

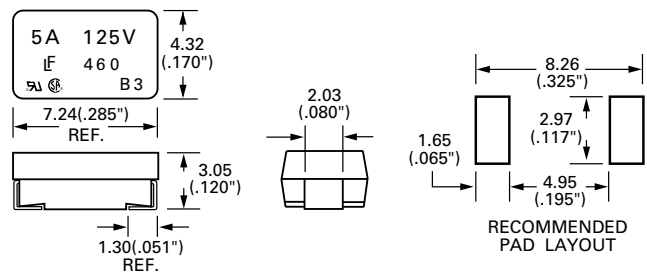
Packaging

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

Average Time Current Curves



Dimensions



Part Numbering System

0460 .500 UR

SERIES ———

AMP CODE ———
Refer to Electrical Characteristics table

QUANTITY CODE ———
UR = 500 pcs
ER = 2500 pcs

PACKAGING CODE ———
R = Tape and Reel

Example:
1 Amp product is
0460 **.001** UR (.5 Amp
product shown above).