875 Series Fuse, Lead-free 3.6 x 10 mm, Slo-Blo® Fuse



Agency	Agency File Number	Ampere Range
c UL us	E10480	0.100A - 10 A

Description

Single Pigtail Axial Lead 3.6x10mm, Slo-Blo Fuse

Features

- Designed to UL/CSA 248 Standard
- Slo-Blo, ceramic body fuse in a compact package
- Single Pigtail Axial Lead format
- Pb-free, RoHS Compliant
- Available in ratings of 0.10 to 10 Amperes

Applications

This space saving fuse is ideally suited for lighting, power supply, and adapter applications.

Electrical Characteristics

% of Ampere Rating	Opening Time
100%	4 hours, Minimum
200%	60 seconds, Maximum

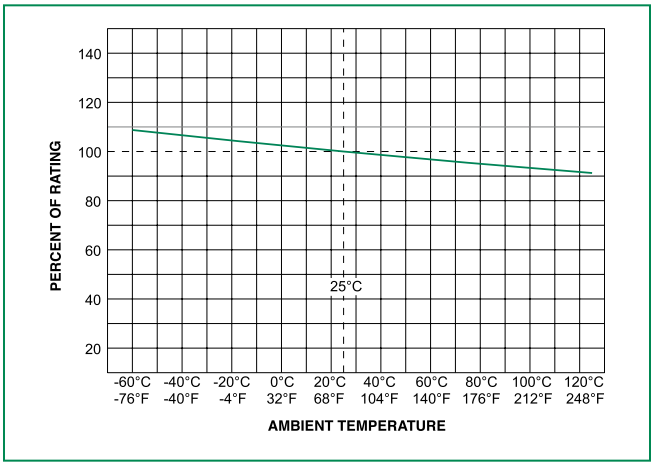
Electrical Characteristics

Amp Code	Ampere Rating (A)	Voltage Rating (V)	Interrupting Rating	Nominal Cold Resistance (Ohms)	Nominal Melting I^2t (A^2 sec)	Agency Approvals c UL us
.100	0.100	250	50A @ 250 VAC	2.900	0.0054	x
.125	0.125	250		1.850	0.0072	x
.200	0.200	250		0.920	0.0165	x
.250	0.250	250		0.6575	0.038	x
.300	0.300	250		0.435	0.043	x
.400	0.400	250		0.321	0.136	x
.500	0.500	250		0.256	0.288	x
.600	0.600	250		0.151	0.611	x
.800	0.800	250		0.116	0.919	x
001.	1.00	250		0.095	1.503	x
01.5	1.50	250		0.0519	4.33	x
01.6	1.60	250		0.0476	5.08	x
002.	2.00	250		0.02887	8.45	x
02.5	2.50	250		0.02246	17.85	x
003.	3.00	250		0.0171	24.50	x
004.	4.00	250		0.0135	42.45	x
005.	5.00	250		0.00954	60.90	x
006.	6.00	250		0.00891	72.30	x
007.	7.00	250		0.008	106.80	x
008.	8.00	250		0.0077	134.59	x
010.	10.00	250		0.00675	208.00	x

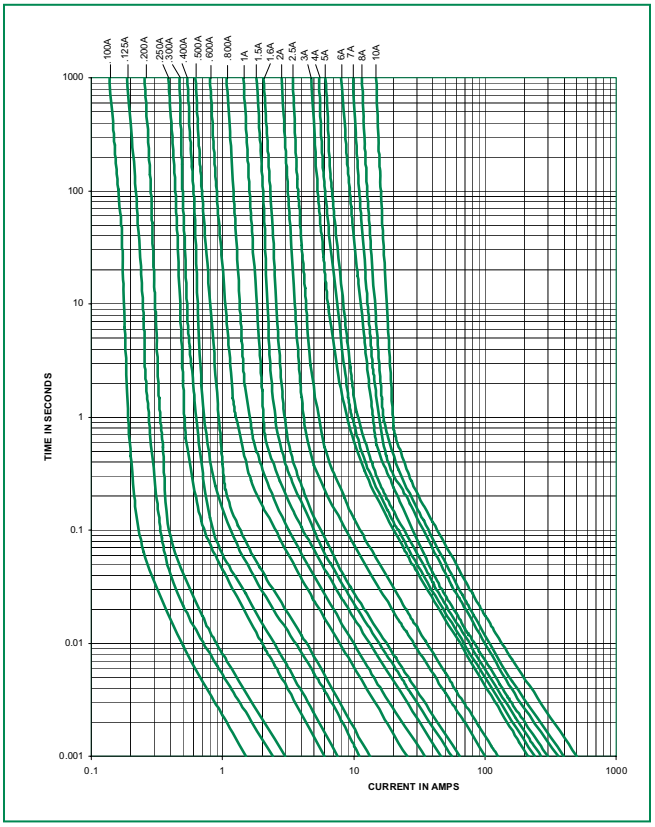
Notes:
Cold resistance measured at less than 10% of rated current at 23°C.

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Specifications are subject to change without notice.
Please refer to www.littelfuse.com/series/875.html for current information.

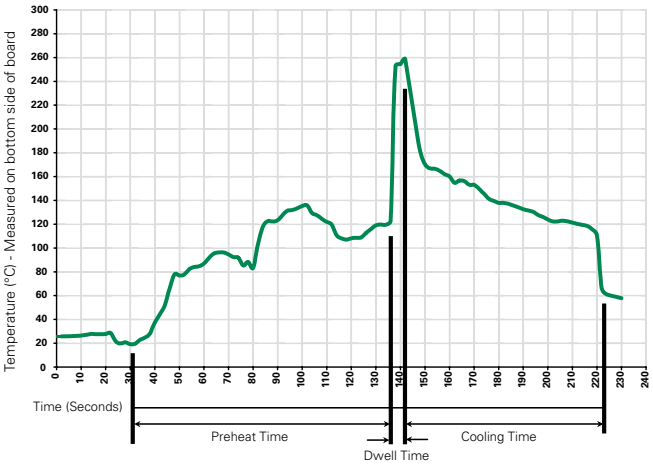
Temperature Rerating Curve



Average Time Current Curves



Soldering Parameters - Wave Soldering



Recommended Process Parameters:

Wave Parameter	Lead-Free Recommendation
Preheat: (Depends on Flux Activation Temperature)	(Typical Industry Recommendation)
Temperature Minimum:	100° C
Temperature Maximum:	150° C
Preheat Time:	60-180 seconds
Solder Pot Temperature:	260° C Maximum
Solder Dwell Time:	2-5 seconds

Recommended Hand-Solder Parameters:

Solder Iron Temperature: 350° C +/- 5°C
Heating Time: 5 seconds max.

Note: These devices are not recommended for IR or Convection Reflow process.

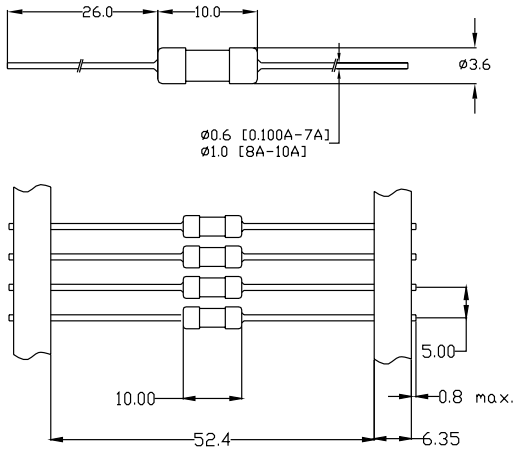
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Product Characteristics

Materials	Body: Ceramic Cap: Nickel Plated Brass Tin Plated Copper
Terminal Strength	MIL-STD-202F Method 211A, Test Condition A
Solderability	Reference IEC 60127 Second Edition 2003-01 Annex A
Product Marketing	Body: Brand Logo, Current Rating Characteristic "T", Agency approval marks
Packaging	Bulk (1000 pcs/pkg) Tape & Reel (1000 pcs/reel)

Operating Temperature	-55°C to 125°C
Thermal Shock	MIL-STD-202F, Method 107G Test Condition B3 (5 cycles -65°C to +125°C)
Vibration	MIL-STD-202F, Method 201A (10-55 Hz)
Humidty	MIL-STD-202, Method 106, High Humidity (90-98% RH), Heat (65°C)
Salt Spray	MIL-STD-202F, Method 101D, Test Condition B

Dimensions



All dimensions in mm

Part Numbering System

0875 xxxx M X E P

Series

Amp Code
Refer to Amp Code column of Electrical Characteristics Table

Quantity Code
M = 1000

Packaging Code
X = Filler

Option Code
E = Axial Leaded

Lead-free
P = Lead-Free
Others = Special Options
Please call Littelfuse for detail

Packaging

Packaging Option	Packaging Specification	Quantity	Quantity & Packaging Code	Taping Width
875 Series				
Bulk	Bulk	1000	MXE	N/A
Tape and Reel	EIA 296	1000	MRET1	T1 = 52mm (2.062")

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