



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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RoHS  **874 Series Fuse, Lead-free 3.6 x 10 mm, Fast-Acting Fuse**



Agency	Agency File Number	Ampere Range
	E10480	0.100A - 10 A

Description

Single Pigtail Axial Lead 3.6 x 10mm Fast-Acting Fuse

Features

- Designed to UL/CSA 248 Standard
- Single Pigtail Axial Lead format
- Fast Acting, Ceramic body fuse in a compact package
- 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

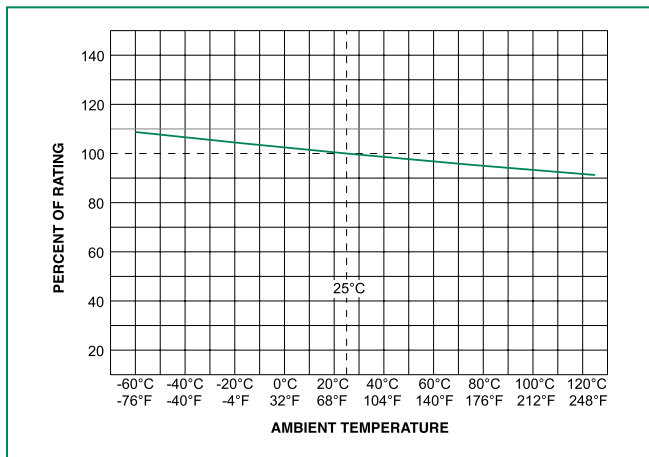
% of Ampere Rating	Opening Time
100%	4 hours, Minimum
200%	5 seconds, Maximum

Electrical Characteristics

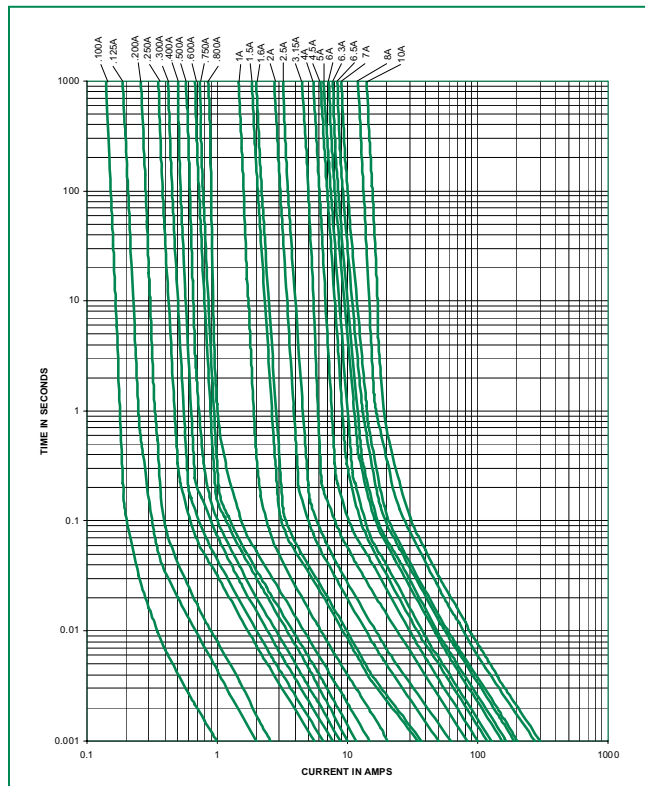
Amp Code	Ampere Rating (A)	Voltage Rating (V)	Interrupting Rating	Nominal Cold Resistance (Ohms)	Nominal Melting I ² t (A ² sec)	Agency Approvals
						
.100	0.100	250	50A @ 250 VAC	3.000	0.0054	x
.125	0.125	250		2.0600	0.0072	x
.200	0.200	250		0.9200	0.0165	x
.250	0.250	250		0.6920	0.030	x
.300	0.300	250		0.5800	0.039	x
.400	0.400	250		0.3655	0.120	x
.500	0.500	250		0.2964	0.236	x
.600	0.600	250		0.2667	0.245	x
.750	0.750	250		0.2130	0.256	x
.800	0.800	250		0.1600	0.390	x
001.	1.00	250		0.0860	0.406	x
01.5	1.50	250		0.0563	0.974	x
01.6	1.60	250		0.0525	0.973	x
002.	2.00	250		0.0400	1.812	x
02.5	2.50	250		0.0329	2.675	x
3.15	3.15	250		0.0216	5.904	x
004.	4.00	250		0.0195	10.03	x
04.5	4.50	250		0.0146	14.42	x
005.	5.00	250		0.0139	14.58	x
006.	6.00	250		0.0111	23.08	x
06.3	6.30	250	0.01074	22.90	x	
06.5	6.50	250	0.0100	35.24	x	
007.	7.00	250	0.0099	36.90	x	
008.	8.00	250	0.0087	43.97	x	
010.	10.00	250	0.0066	70.10	x	

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

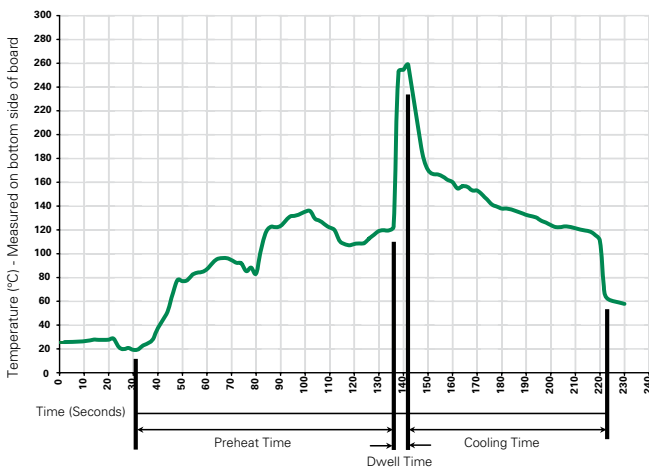
Temperature Derating Curve



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.

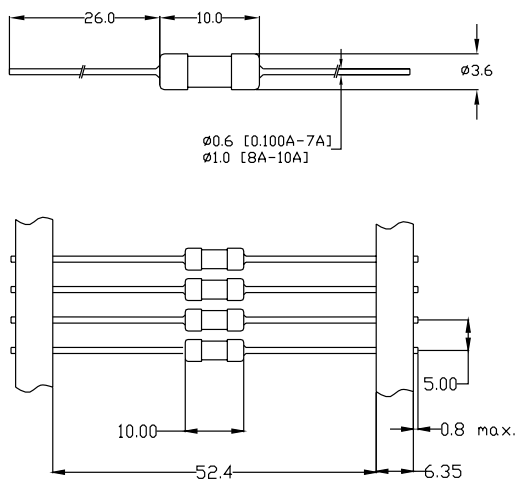
Note: These devices are not recommended for IR or Convection Reflow process.

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 "F"; 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)
Humidity	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

0874 xxxx M X E P

Series	0874
Amp Code	xxxx
Refer to Amp Code column of Electrical Characteristics Table	
Quantity Code	M
M = 1000	
Packaging Code	X
X = Filler	
Option Code	E
E = Axial Leaded	
Lead-free	P
P = Lead-Free	
Others = Special Options Please call Littelfuse for detail	

Packaging

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