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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!



## Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



### 877 Series Fuse, Lead-free 3.6 × 10 mm, Time-Lag Fuse



#### Description

Single Pigtail Axial Lead 3.6x10mm, Time-Lag Fuse

#### Features






- Designed to meet IEC 60127-3 Standard Sheet 4
- Time-Lag, ceramic body fuse in a compact package
- Single Pigtail Axial Lead format
- Pb-free, RoHS compliant
- Available in ratings of 2 to 6.3 Amperes

#### Applications

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

#### Electrical Characteristics

% of Ampere Rating	Opening Time
150%	60 minutes, Minimum
210%	2 minutes, Maximum
275%	400 ms., Min.; 10 sec. Max.
400%	150 ms., Min.; 3 sec. Max.
1000%	20 ms. Min.; 150 ms. Max.

Agency	Agency File Number	Ampere Range
	40023242	2A – 6.3A
	E10480	2A – 6.3A
	CQC09012029601	2A – 6.3A
	SU05024-10002	2A
	SU05024-10001	3.15A - 6.3A
	NBK240212-JP1021	2A – 4A

#### Additional Information



[Datasheet](#)








[Resources](#)



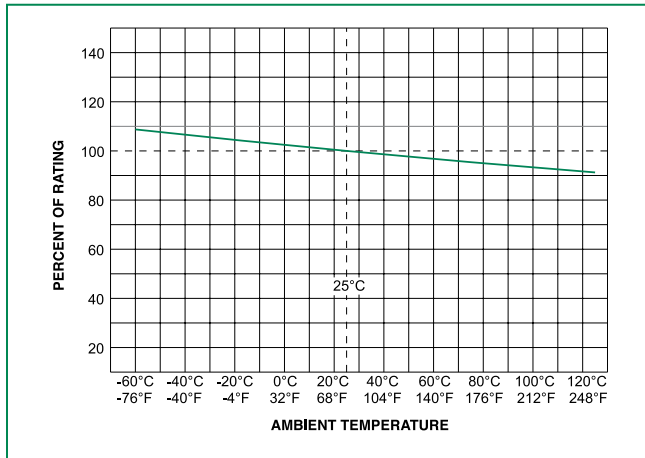
[Samples](#)

#### Electrical Characteristics

Amp Code	Ampere Rating (A)	Voltage Rating (V)	Interrupting Rating	Nominal Cold Resistance (Ohms)	Nominal Melting I <sup>2</sup> t (A <sup>2</sup> sec)	Nominal Voltage Drop (mV)	Nominal Power Dissipation (mW)	Agency Approvals				
												
002.	2.0	250	35A @ 250 V AC	0.035	24.6	82	450	x	x	x	x	x
3.15	3.15	250	35A @ 250 V AC	0.020	67.6	76	690	x	x	x	x	x
004.	4.0	250	40A @ 250 V AC	0.0167	143.4	74	926	x	x	x	x	x
06.3	6.3	250	63A @ 250 V AC	0.0087	190	60	1130	x	x		x	x

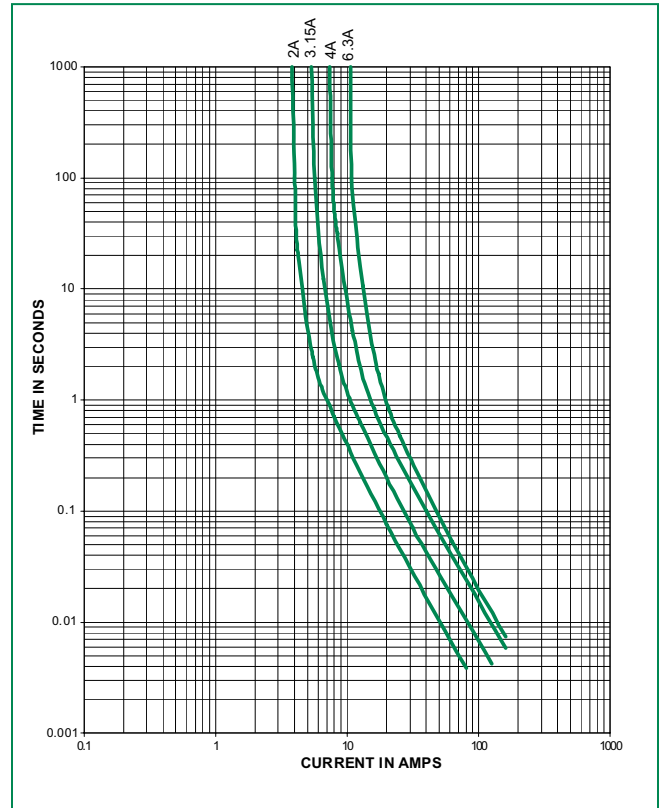
Notes:  
1. Cold resistance measured at less than 10% of rated current at 23°C.

### Temperature Re-rating Curve

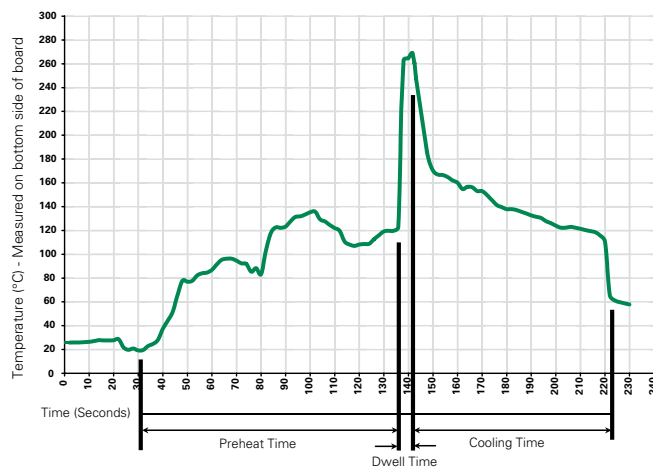


Note:  
 1. Rerating depicted in this curve is in addition to the standard derating of 25% for continuous operation.

### Average Time Current Curves



### Soldering Parameters - Wave Soldering



### Recommended Process Parameters:

Wave Parameter	Lead-Free Recommendation
<b>Preheat:</b> (Depends on Flux Activation Temperature)	(Typical Industry Recommendation)
Temperature Minimum:	100°C
Temperature Maximum:	150°C
Preheat Time:	60-180 seconds
<b>Solder Pot Temperature:</b>	260°C Maximum
<b>Solder Dwell Time:</b>	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.**

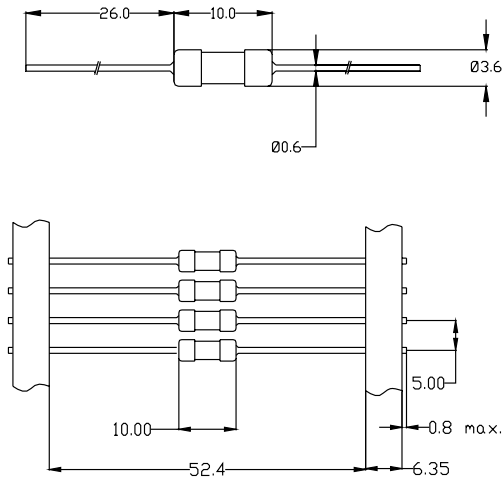


### Product Characteristics

<b>Materials</b>	Body: Ceramic Cap: Nickel Plated Brass Tin Plated Copper
<b>Terminal Strength</b>	MIL-STD-202, Method 211, Test Condition A
<b>Solderability</b>	MIL-STD-202, Method 208
<b>Product Marketing</b>	Body: Brand Logo, Current Rating Characteristic "T", Agency approval marks
<b>Packaging</b>	Bulk (1000 pcs/pkg) Tape and Reel (1000 pcs/reel)

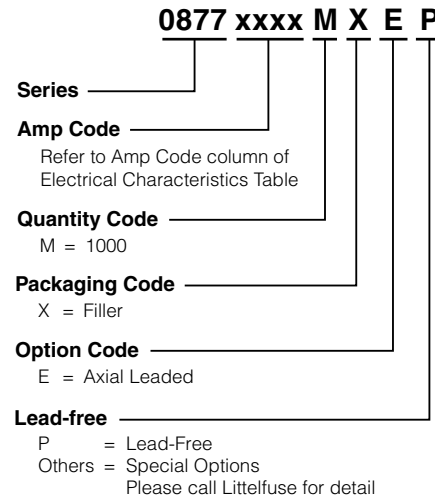
<b>Operating Temperature</b>	-55°C to 125°C
<b>Thermal Shock</b>	MIL-STD-202, Method 107 Test Condition B3 (5 cycles -65°C to +125°C)
<b>Vibration</b>	MIL-STD-202, Method 201 (10-55 Hz)
<b>Humidity</b>	MIL-STD-202, Method 106, High Humidity (90-98%RH), Heat (65°C)
<b>Salt Spray</b>	MIL-STD-202, Method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

### Dimensions



All dimensions in mm

### Part Numbering System



### Packaging

Packaging Option	Packaging Specification	Quantity	Quantity & Packaging Code	Taping Width
<b>877 Series</b>				
Bulk	Bulk	1000	MXE	N/A
Tape and Reel	EIA 296	1000	MRET1	T1 = 52mm (2.062")