



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!



## Contact us

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



**Description**

- Low resistance
- Low profile 0603/1608 design
- Pb-free and RoHS Compliant
- High inrush withstand capability
- Polymer matrix design
- One time positive disconnect
- Ampere rating marked on both sides, dual orientation
- Compatible with leaded and lead-free reflow and wave solder

ELECTRICAL CHARACTERISTICS	
% of Amp Rating	Opening Time
100%	4 Hours Minimum
200%	5 Seconds Maximum

**Agency Information**

- UL Recognition Card: JDYX2, E19180

**Environmental Data**

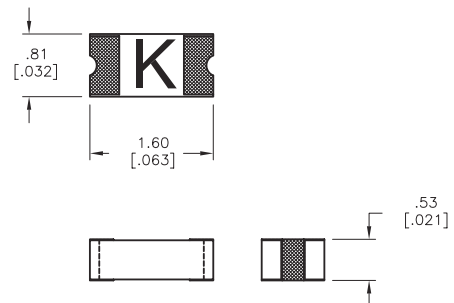
- Life Test: MIL-STD-202, Method 108A, Test Condition C
- Load Humidity: MIL-STD-202, Method 103B
- Moisture Resistance: MIL-STD-202, Method 106G
- Thermal Shock: MIL-STD-202, Method 107D
- Solderability: ANSI/J-STD-002, Test B
- Mechanical Shock: MIL-STD-202, Method 213B, Condition A
- High Frequency Vibration: MIL-STD-202, Method 204D, Condition D

**Packaging & Ordering Information**

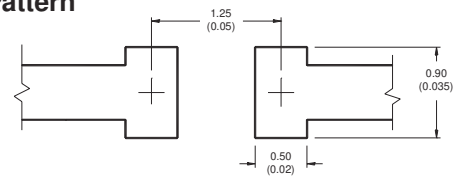
- 5,000 pieces; paper tape; 178mm (7 inch) reel; per EIA Standard 481-1
- Order by Product Code (no prefix or suffix necessary)



**Dimensions** mm/(inches)



**Land Pattern**



**Soldering Method**

- Wave Solder: 260°C, 10 sec max.
- Infrared: 260°C, 30 sec max.

**SPECIFICATIONS**

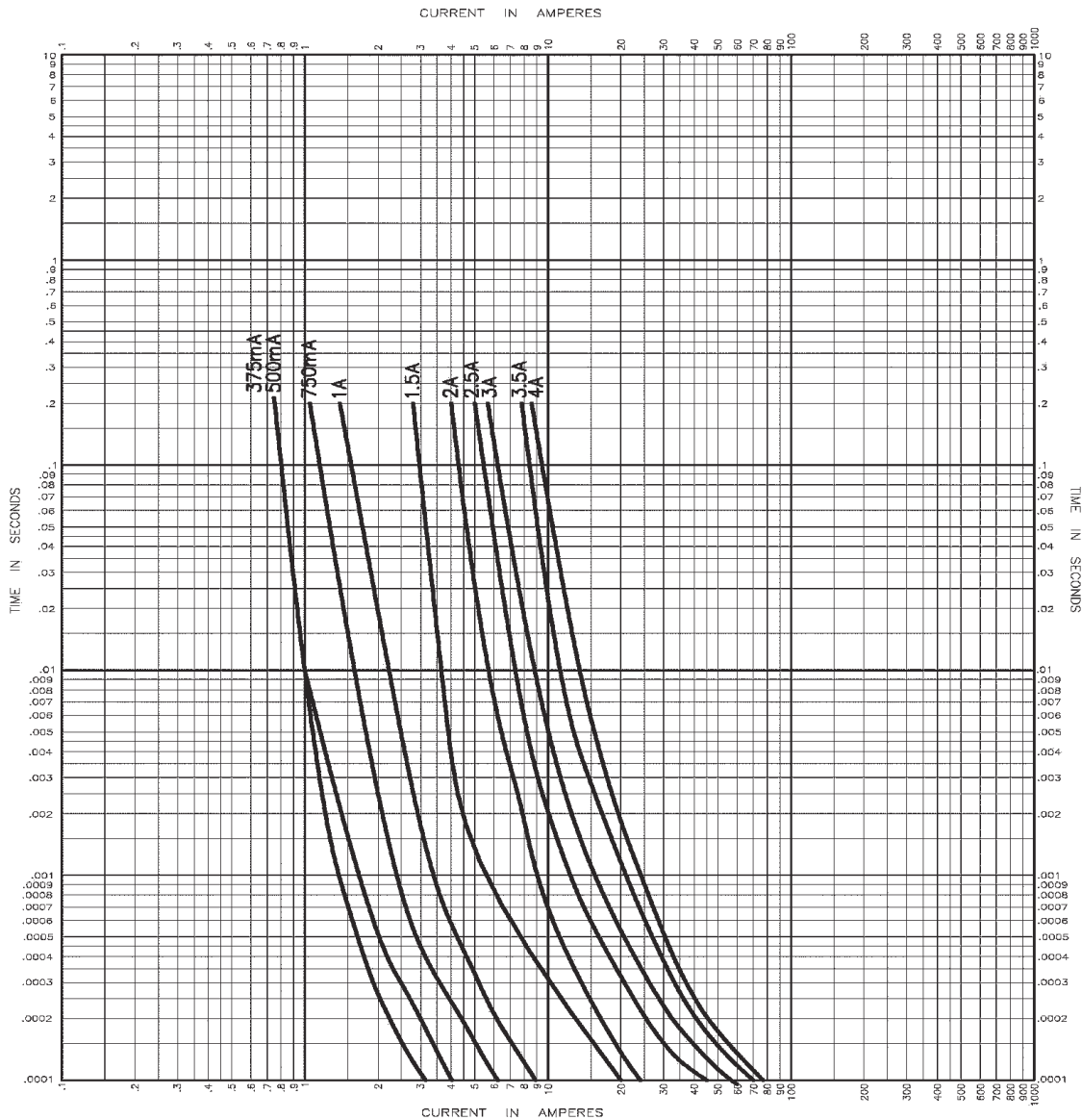
Product Code	Voltage Rating AC/DC	Interrupting Rating @ Rated Voltage*	Typical DC Cold Resistance (ohms)**	Typical Melting I²t (A²s)***	Alpha Code
PC06F500MA	32V	50A	0.143	0.00128	F
PC06F750MA	32V	50A	0.088	0.00291	G
PC06F1A	32V	50A	0.065	0.00616	H
PC06F1.5A	32V	50A	0.042	0.02565	K
PC06F2A	32V	50A	0.027	0.03968	N
PC06F2.5A	32V	50A	0.021	0.10139	O
PC06F3A	32V	50A	0.018	0.15778	P
PC06F3.5A	32V	50A	0.014	0.25844	R
PC06F4A	32V	50A	0.012	0.27034	S

\* DC Interrupting Rating is measured at designated voltage, time constant of less than 50 microseconds, battery source.

\*\* DC cold resistance is measured at less than 10% of rated current.

\*\*\* Melting I²t is measured with a battery back at rated DC voltage, at the lesser of either 10 times rated current or the interrupting rating with a time constant of less than 50 microseconds.

**TIME CURRENT CURVE**



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