



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

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

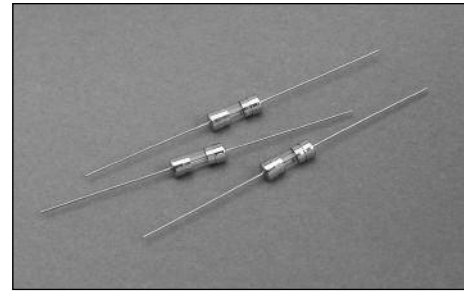
Email & Skype: info@chipsmall.com Web: www.chipsmall.com

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



### Description

- Axial leaded, time delay
- 5mm x 15mm physical size
- Glass tube, nickel-plated brass endcap construction
- Leads are tin coated
- Optional sleeve is flexible fluoropolymer (U.L. flammability rating VW-1).
- UL Listed product meets standard UL 248-14



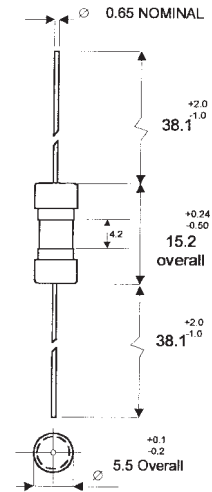
ELECTRICAL CHARACTERISTICS		
Rated Current	Amp Rating	Opening Time
125mA - 250mA	135%	60 minutes max.
	200%	3 seconds min. 120 seconds max.
350mA	100%	4 hours min.
	470mA	30 minutes max.
	600mA	90 seconds max.
	2A	2 seconds max.
375mA - 7A	6A	500 milliseconds max.
	135%	60 minutes max.
	200%	3 seconds min. 120 seconds max.

### Agency Information

- UL Listed Card: C515 125mA-250mA and 375mA-3A (Guide JDYX, File E19180)
- UL Recognized Card: C515 350mA, and 3.5A-7A (Guide JDYX2, File E19180)
- CSA Certification Card: C515 125mA-250mA and 375mA-3A (Class 1422-01, LR65063)

### Dimensions (mm)

Drawing Not to Scale



### Ordering

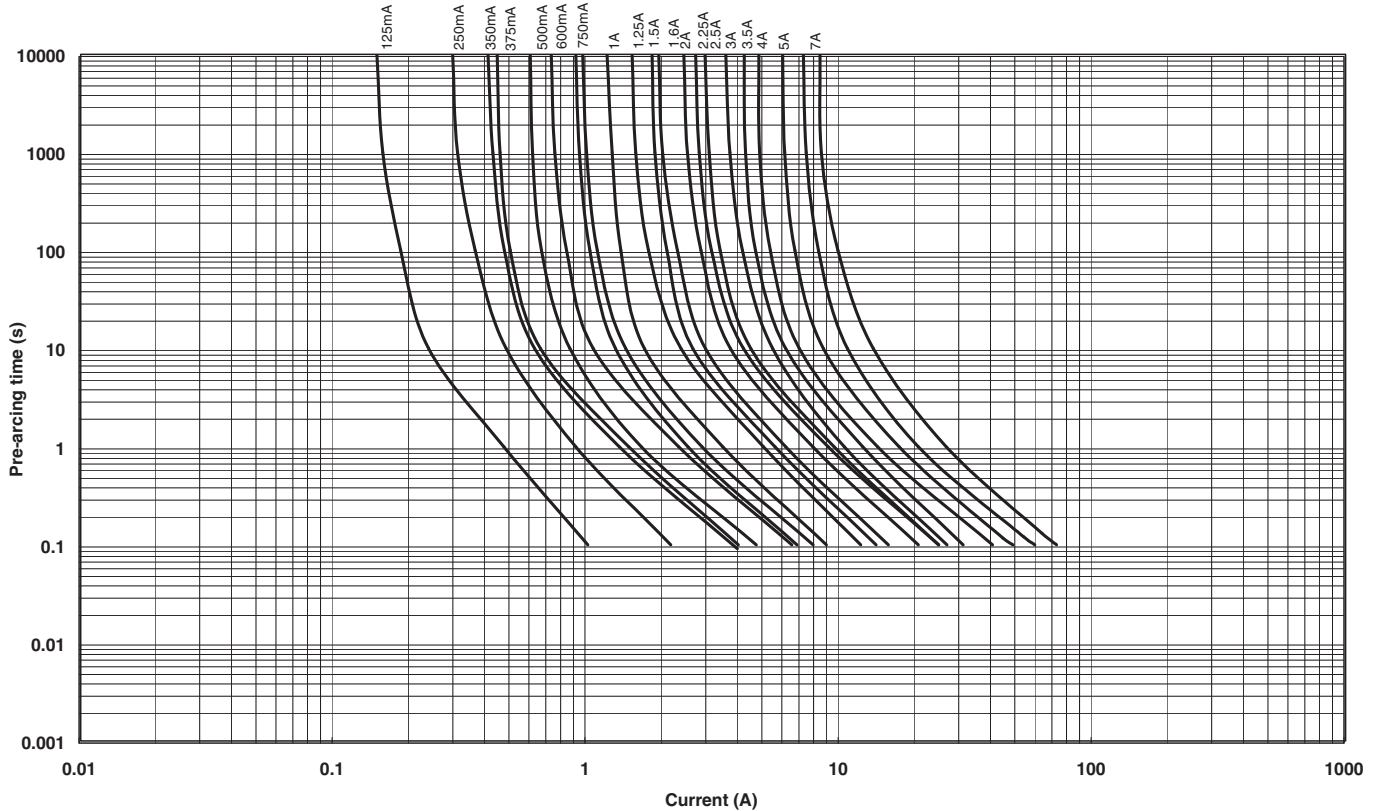
- Specify packaging, product, and option code
- For -R option, drop mA or A from product code (i.e. C515-1-R)
- With TR2 packaging code, lead wire length is 20.3mm

Product Code	Voltage Rating AC	AC Interrupting Rating			Typical DC Cold Resistance* (ohms)	Typical Melting I <sup>2</sup> t† AC	Typical Voltage Drop (mV)‡
		600V	250V	125V			
C515-125mA	250V	-	35A	10000A	4.72	0.101	770
C515-250mA	250V	-	35A	10000A	1.32	0.467	430
C515-350mA	250V	25A	35A	10000A	1.04	1.169	530
C515-375mA	250V	-	35A	10000A	0.81	1.531	470
C515-500mA	250V	-	35A	10000A	0.54	2.280	440
C515-600mA	250V	-	35A	10000A	0.38	6.982	350
C515-750mA	250V	-	35A	10000A	0.26	9.162	310
C515-800mA	250V	-	35A	10000A	0.23	10.544	260
C515-1A	250V	-	35A	10000A	0.14	14.289	230
C515-1.25A	250V	-	100A	10000A	0.13	22.961	220
C515-1.5A	250V	-	100A	10000A	0.100	31.989	240
C515-1.6A	250V	-	100A	10000A	0.090	35.156	200
C515-2A	250V	-	100A	10000A	0.059	60.256	170
C515-2.25A	250V	-	100A	10000A	0.057	97.724	180
C515-2.5A	250V	-	100A	10000A	0.046	78.163	190
C515-3A	250V	-	100A	10000A	0.035	80.426	150
C515-3.5A	125V	-	-	400A	0.028	149.279	130
C515-4A	125V	-	-	400A	0.023	233.346	130
C515-5A	125V	-	-	400A	0.019	354.813	150
C515-6A	125V	-	-	400A	0.014	471.360	125
C515-7A	125V	-	-	400A	0.013	710.500	100

\* DC Cold Resistance (Measured at <10% of rated current)  
 † Typical Melting I<sup>2</sup>t (A<sup>2</sup>Sec) (Minimum I<sup>2</sup>t at 10 times rated current)  
 ‡ Typical Voltage Drop (Voltage drop was measured at 25°C ambient temperature at rated current)

**TIME CURRENT CURVE**

**Nominal Time/Current Characteristics**



<b>PACKAGING CODE</b>	
Packaging Code	Description
<b>BK</b>	100 pieces of fuses packed into a cardboard carton
<b>TR2</b>	1,500 pieces of fuses packed into tape on a reel (20.3mm lead wire length)

<b>OPTION CODE</b>	
Option Code	Description
<b>S</b>	Insulation Sleeve
<b>-R</b>	RoHS compliant version