



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

- Fast acting
- 5mm x 15mm physical size
- Glass tube, nickel-plated brass endcap construction
- 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
100mA - 5A	100%	None
	135%	1 hours max.
	200%	2 seconds max.

### Agency Information

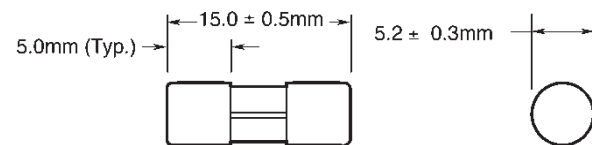
- UL Listed Card: Guide JDYX, File E19180
- CSA Certification Card: Class 1422-01, LR65063

### Ordering

- Specify packaging, product, and option code
- For -R option, drop mA or A from product code (i.e. C520-3-R)

### Dimensions

Drawing Not to Scale



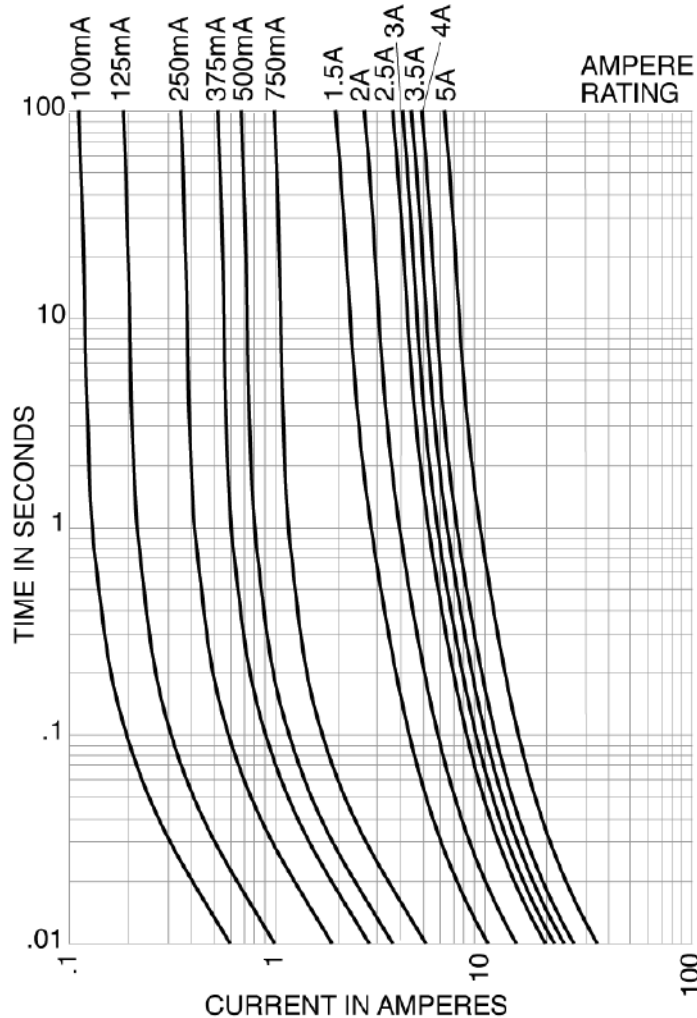
Product Code	Voltage Rating AC	Interrupting Rating at Rated Voltage		Typical DC Cold Resistance* (ohms)	Typical Melting I <sup>2</sup> t† AC	Typical Voltage Drop (mV)‡
		250VAC	125VAC			
		C520-100mA	250V			
C520-125mA	250V	35A	10,000A	15.20	0.0019	1930
C520-250mA	250V	35A	10,000A	5.60	0.012	1450
C520-375mA	250V	35A	10,000A	2.53	0.039	968
C520-500mA	250V	35A	10,000A	1.66	0.059	845
C520-750mA	250V	35A	10,000A	0.91	0.264	686
C520-1.5A	250V	100A	10,000A	0.900	0.800	135
C520-2A	250V	100A	10,000A	0.064	1.9	136
C520-2.5A	250V	100A	10,000A	0.046	2.9	121
C520-3A	250V	100A	10,000A	0.038	6.1	116
C520-3.5A	250V	100A	10,000A	0.032	9.7	115
C520-4A	250V	200A	10,000A	0.022	16.6	88
C520-5A	250V	200A	10,000A	0.018	22.4	91

\* DC Cold Resistance (Measured at <10% of rated current)

† Typical Melting I<sup>2</sup>t (A<sup>2</sup>Sec) (maximum I<sup>2</sup>t at 10 times rated current)

‡ Typical Voltage Drop (Voltage drop was measured at 25°C±3°C ambient temperature at rated current)

**TIME CURRENT CURVE**  
**Time-Current Characteristic Curves—Average Melt**



PACKAGING CODE	
Packaging Code	Description
BK	100 pieces of fuses packed into a cardboard carton
BK1	1,000 pieces of fuses packed into a cardboard carton

OPTION CODE	
Option Code	Description
S	Insulation Sleeve
-R	RoHS compliant version