

# C520

## 5 mm x 15 mm Fast-acting glass tube fuses



### Agency information

- UL Listed Card: Guide JDYX, File E19180
- CSA Certification Card: Class 1422-01, 53787

### Ordering

- Specify product code: Insert packaging code prefix before part number. E.g. BK (or BK1)/C520-500-R

### Product features

- Fast-acting
- 5 x 14.48mm physical size
- Glass tube, nickel-plated brass endcap construction
- 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.

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

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

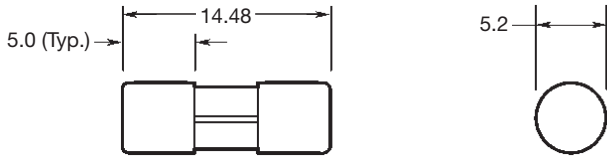
\*\* Typical Melting I<sup>2</sup>t (A<sup>2</sup>Sec) (maximum I<sup>2</sup>t at 10 times rated current)

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

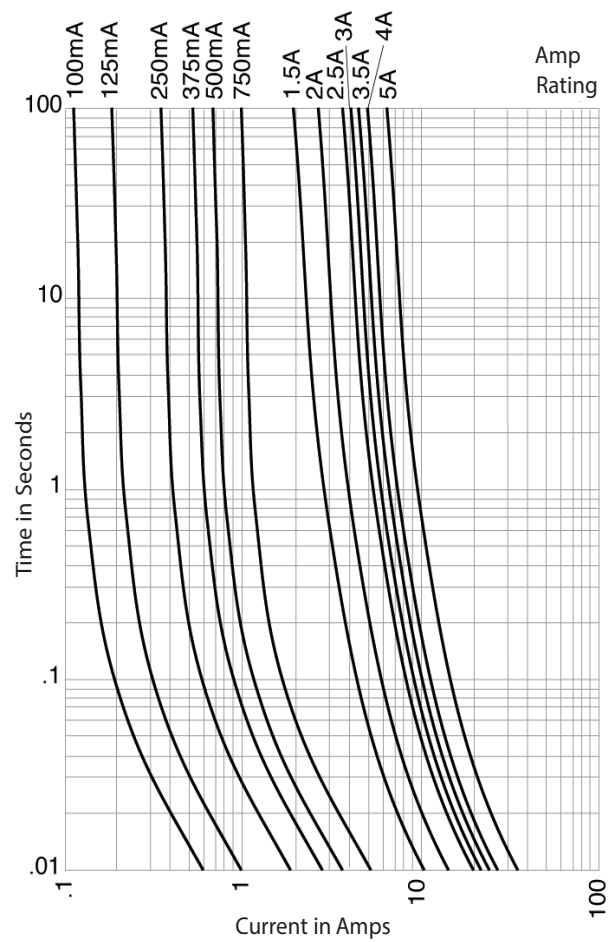


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**Dimensions - mm**  
Drawing Not to Scale



**Time-Current Curve**  
**Time-Current Characteristic Curves—Average Melt**



Packaging Code	
Packaging Code Prefix	Description
BK	100 fuses packed into a cardboard carton
BK1	1,000 fuses packed into a cardboard carton

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Printed in USA  
Publication No. 2027 BU-SB09252  
May 2017

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