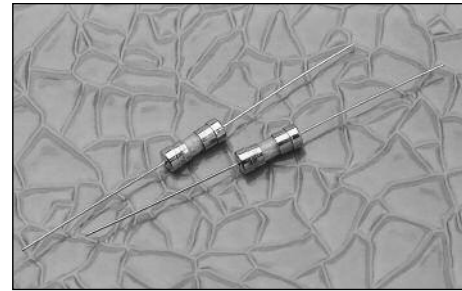


# 5mm x 15mm Fuses

## C518 Series, Fast Acting, Glass Tube

### Description

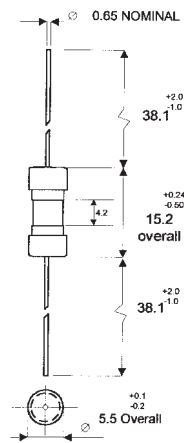
- Axial leaded fast acting
- 5mm x 15mm physical size
- Glass tube, nickel-plated brass endcap construction
- Leads are plated with 95% tin, 5% lead
- Optional sleeve is flexible flouropolymer (U.L. flammability rating VW-1).
- UL Listed product meets standard UL 248-14



ELECTRICAL CHARACTERISTICS		
Rated Current	Amp Rating	Opening Time
100mA-5A	100%	None
	135%	60 minutes max.
	200%	2 seconds max.

### Dimensions (mm)

Drawing Not to Scale



### 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. C518-3-R)

- With TR2 packaging code, lead wire length is 20.3mm

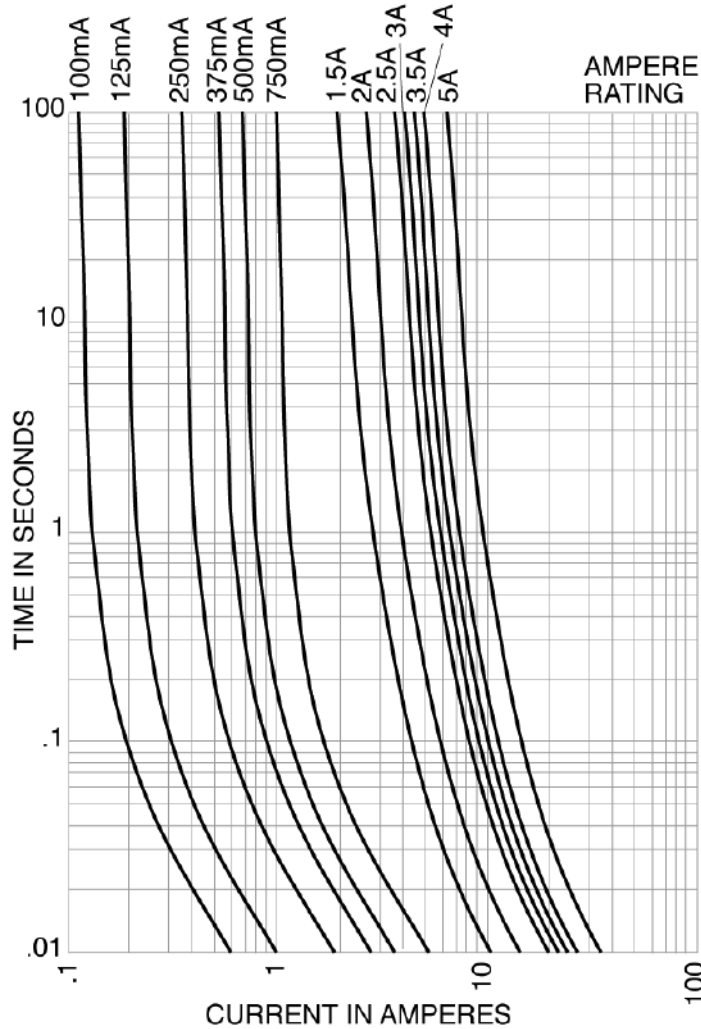
Product Code	Voltage Rating AC	Interrupting Rating at Rated Voltage		Typical DC Cold Resistance* (ohms)	Typical Melting I <sup>2</sup> t† AC	Typical Voltage Drop (mV)‡
		250VAC	125VAC			
		35A	10,000A			
C518-100mA	250V	35A	10,000A	22.30	0.0010	2230
C518-125mA	250V	35A	10,000A	15.20	0.0019	1930
C518-250mA	250V	35A	10,000A	5.66	0.012	1450
C518-375mA	250V	35A	10,000A	2.53	0.039	968
C518-500mA	250V	35A	10,000A	1.66	0.059	845
C518-750mA	250V	35A	10,000A	0.91	0.264	686
C518-1.5A	250V	100A	10,000A	0.900	0.800	135
C518-2A	250V	100A	10,000A	0.064	1.9	136
C518-2.5A	250V	100A	10,000A	0.046	2.9	121
C518-3A	250V	100A	10,000A	0.038	6.1	116
C518-3.5A	250V	100A	10,000A	0.032	9.7	115
C518-4A	250V	200A	10,000A	0.022	16.6	88
C518-5A	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) (Minimum at 10 times rated current)

‡ Typical Voltage Drop (Voltage drop was measured at 20°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
TR2	1,500 pieces of fuses packed into tape on a reel (20.3mm lead wire length)

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

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