

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

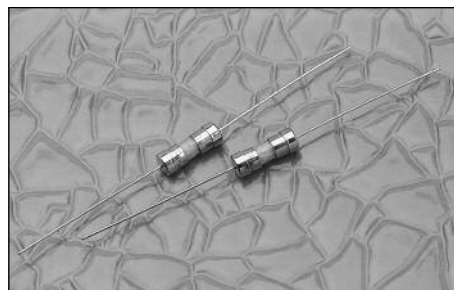
Rated Current	Amp Rating	Opening Time
100mA-5A	100%	None
	135%	60 minutes max.
	200%	2 seconds max.

Agency Information

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

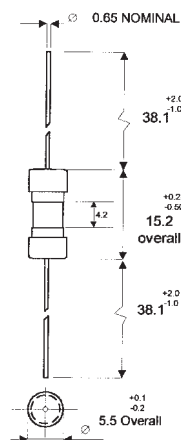
Ordering

- Specify packaging, product, and option code
- For -R option, drop mA or A from product code (i.e. C518-3-R)



Dimensions (mm)

Drawing Not to Scale



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

SPECIFICATIONS

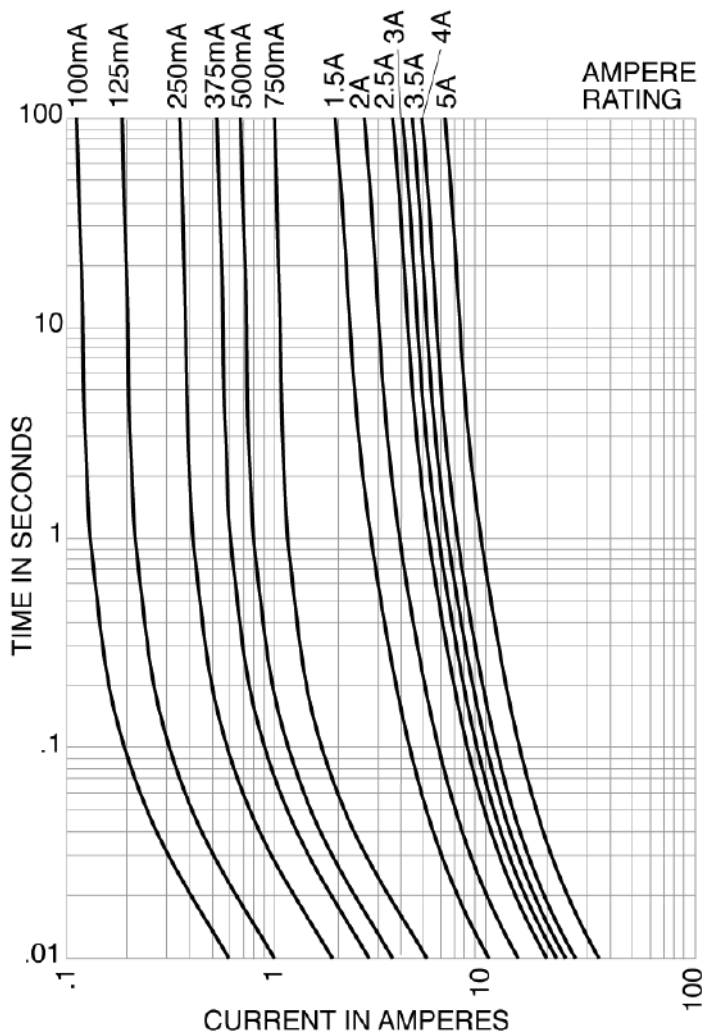
Product Code	Voltage Rating AC	Interrupting Rating at Rated Voltage		Typical DC Cold Resistance* (ohms)	Maximum Melting I ² t† AC	Maximum Voltage Drop (mV)‡
		250VAC	125VAC			
C518-100mA	250V	35A	10,000A	0.245	0.0010	3100
C518-125mA	250V	35A	10,000A	0.166	0.0022	2800
C518-375mA	250V	35A	10,000A	0.284	0.053	1500
C518-500mA	250V	35A	10,000A	0.186	0.13	1300
C518-750mA	250V	35A	10,000A	0.101	0.37	1000
C518-2A	250V	100A	10,000A	0.071	2.3	190
C518-2.5A	250V	100A	10,000A	0.054	4.1	180
C518-3A	250V	100A	10,000A	0.043	6.8	160
C518-3.5A	250V	100A	10,000A	0.031	11.0	140
C518-4A	250V	200A	10,000A	0.024	-	-
C518-5A	250V	200A	10,000A	0.019	13.0	130

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

† Maximum Melting I²t (A²Sec) (Minimum at 10 times rated current)

‡ Maximum 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

North America

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