## Description

- Axial leaded fast acting
- $5 \mathrm{~mm} \times 15 \mathrm{~mm}$ 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 |
| $100 \mathrm{~mA}-5 \mathrm{~A}$ | $100 \%$ | 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 20.3 mm

| SPECIFICATIONS |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Product Code | Voltage Rating AC |  | Rating Itage 125VAC | Typical DC Cold Resistance* (ohms) | Typical Melting ${ }^{2} \mathrm{t} t \dagger$ AC | Typical Voltage Drop (mV) $\ddagger$ |
| C518-100mA | 250V | 35A | 10,000A | 22.30 | 0.0010 | 2230 |
| C518-125mA | 250 V | 35A | 10,000A | 15.20 | 0.0019 | 1930 |
| C518-250mA | 250 V | 35A | 10,000A | 5.66 | 0.012 | 1450 |
| C518-375mA | 250 V | 35A | 10,000A | 2.53 | 0.039 | 968 |
| C518-500mA | 250 V | 35A | 10,000A | 1.66 | 0.059 | 845 |
| C518-750mA | 250 V | 35A | 10,000A | 0.91 | 0.264 | 686 |
| C518-1.5A | 250 V | 100A | 10,000A | 0.900 | 0.800 | 135 |
| C518-2A | 250 V | 100A | 10,000A | 0.064 | 1.9 | 136 |
| C518-2.5A | 250 V | 100A | 10,000A | 0.046 | 2.9 | 121 |
| C518-3A | 250 V | 100A | 10,000A | 0.038 | 6.1 | 116 |
| C518-3.5A | 250 V | 100A | 10,000A | 0.032 | 9.7 | 115 |
| C518-4A | 250 V | 200A | 10,000A | 0.022 | 16.6 | 88 |
| C518-5A | 250 V | 200A | 10,000A | 0.018 | 22.4 | 91 |

[^0]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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[^0]:    * DC Cold Resistance (Measured at $<10 \%$ of rated current)
    $\dagger$ Typical Melting $\mathrm{I}^{2 t t}\left(\mathrm{~A}^{2} \mathrm{Sec}\right)$ (Minimum at 10 times rated current)
    $\ddagger$ Typical Voltage Drop (Voltage drop was measured at $20^{\circ} \mathrm{C}$ ambient temperature at rated current)

