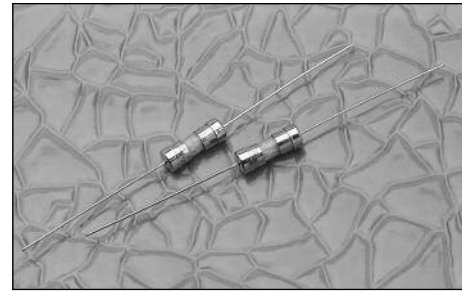


5mm x 15mm Fuses

C518 Series, Fast Acting, Glass Tube

Description

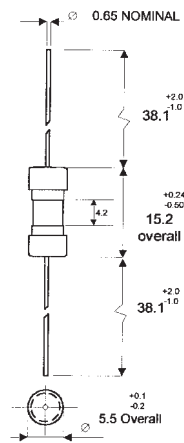
- Axial leaded fast acting
- 5mm x 15mm physical size
- Glass tube, nickel-plated brass endcap construction
- Leads are plated with 95% tin, 5% lead
- Optional sleeve is flexible flouropolymer (U.L. flammability rating VW-1).
- UL Listed product meets standard UL 248-14



| 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

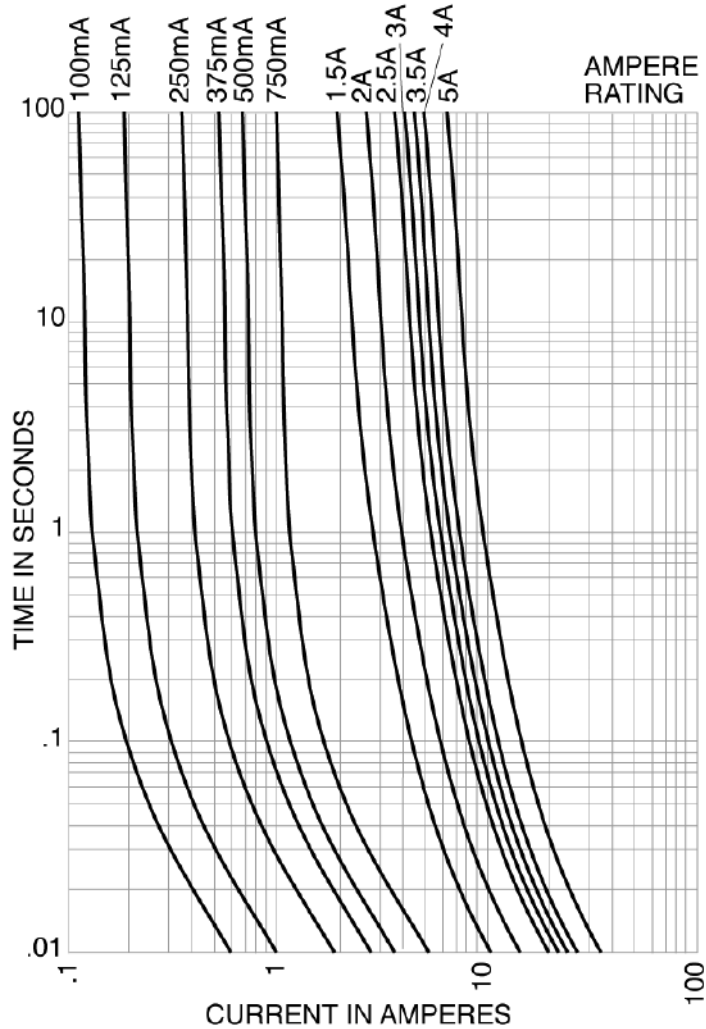
| Product Code | Voltage Rating AC | Interrupting Rating at Rated Voltage | | Typical DC Cold Resistance* (ohms) | Typical Melting I ² t† AC | Typical Voltage Drop (mV)‡ |
|--------------|----------------------|---|---------|--|--|----------------------------------|
| | | 250VAC | 125VAC | | | |
| | | 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 I²t (A²Sec) (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 |