

Description

- Fast acting
- 5mm x 15mm physical size
- Glass tube, nickel-plated brass endcap construction
- Optional sleeve is flexible fluoropolymer (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% | 1 hours max. |
| | 200% | 2 seconds max. |

Agency Information

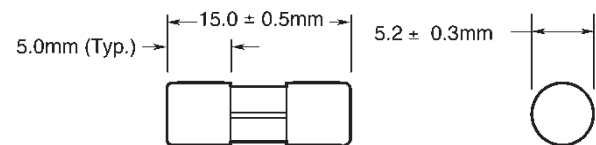
- UL Listed Card: Guide JDYX, File E19180
- CSA Certification Card: Class 1422-01, LR65063

Ordering

- Specify packaging, product, and option code
- For -R option, drop mA or A from product code (i.e. C520-3-R)

Dimensions

Drawing Not to Scale



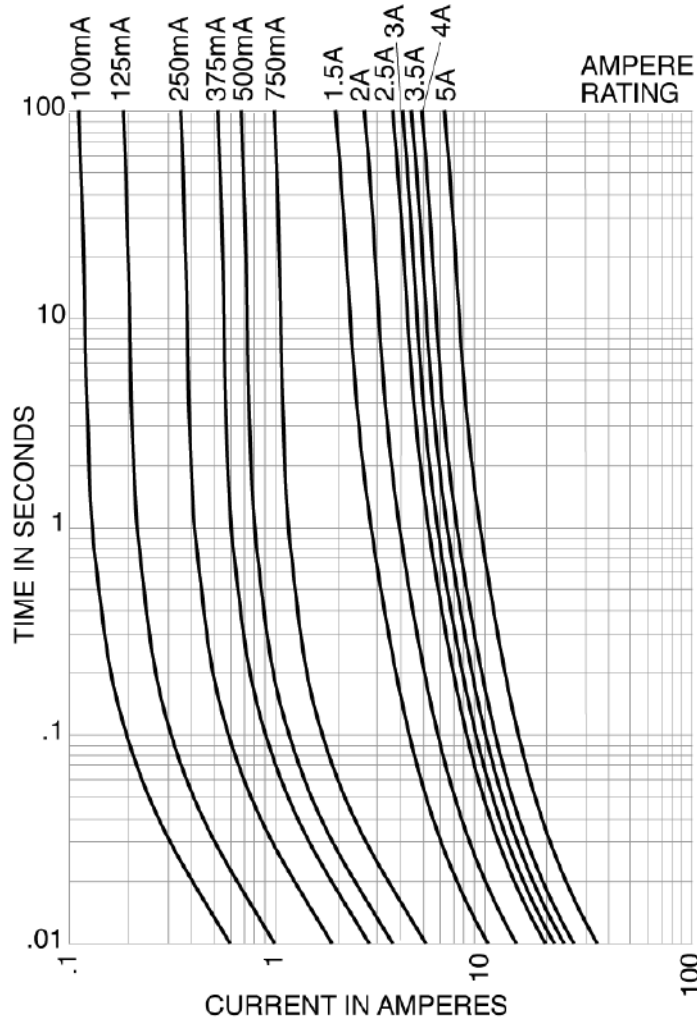
| Product Code | Voltage Rating AC | Interrupting Rating at Rated Voltage | | Typical DC Cold Resistance* (ohms) | Typical Melting I ² t† AC | Typical Voltage Drop (mV)‡ |
|--------------|----------------------|---|---------|--|--|----------------------------------|
| | | 250VAC | 125VAC | | | |
| | | C520-100mA | 250V | | | |
| C520-125mA | 250V | 35A | 10,000A | 15.20 | 0.0019 | 1930 |
| C520-250mA | 250V | 35A | 10,000A | 5.60 | 0.012 | 1450 |
| C520-375mA | 250V | 35A | 10,000A | 2.53 | 0.039 | 968 |
| C520-500mA | 250V | 35A | 10,000A | 1.66 | 0.059 | 845 |
| C520-750mA | 250V | 35A | 10,000A | 0.91 | 0.264 | 686 |
| C520-1.5A | 250V | 100A | 10,000A | 0.900 | 0.800 | 135 |
| C520-2A | 250V | 100A | 10,000A | 0.064 | 1.9 | 136 |
| C520-2.5A | 250V | 100A | 10,000A | 0.046 | 2.9 | 121 |
| C520-3A | 250V | 100A | 10,000A | 0.038 | 6.1 | 116 |
| C520-3.5A | 250V | 100A | 10,000A | 0.032 | 9.7 | 115 |
| C520-4A | 250V | 200A | 10,000A | 0.022 | 16.6 | 88 |
| C520-5A | 250V | 200A | 10,000A | 0.018 | 22.4 | 91 |

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

† Typical Melting I²t (A²Sec) (maximum I²t at 10 times rated current)

‡ Typical Voltage Drop (Voltage drop was measured at 25°C±3°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 |
| BK1 | 1,000 pieces of fuses packed into a cardboard carton |

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