

C520

5 mm x 15 mm Fast-acting glass tube fuses





Agency information

- UL Listed Card: Guide JDYX, File E19180
- CSA Certification Card: Class 1422-01, 53787

Ordering

 Specify product code: Insert packaging code prefix before part number. E.g. BK (or BK1)/C520-500-R

| Electrical Characteristics | | | | | |
|----------------------------|------------|----------------|--|--|--|
| Rated Current | Amp Rating | Opening Time | | | |
| | 100% | None | | | |
| 100mA - 5A | 135% | 1 hours max. | | | |
| | 200% | 2 seconds max. | | | |

Product features

- Fast-acting
- 5 x 14.48mm physical size
- Glass tube, nickel-plated brass endcap construction
- UL Listed product meets standard UL 248-14

| | | | Specification | ons | | |
|-------------|---------|---------------|---------------|-----------------|----------------|--------------|
| | Voltage | Interrupti | ng Rating | Typical DC Cold | Typical | Typical |
| Part Number | Rating | at Rated Volt | age (amps) | Resistance* | Melting I 2t** | Voltage |
| | Vac | 250Vac | 125Vac | (Ω) | AC | Drop (mV)*** |
| C520-100-R | 250 | 35 | 10,000 | 22.30 | 0.0010 | 2230 |
| C520-125-R | 250 | 35 | 10,000 | 15.20 | 0.0019 | 1930 |
| C520-250-R | 250 | 35 | 10,000 | 5.60 | 0.012 | 1450 |
| C520-375-R | 250 | 35 | 10,000 | 2.53 | 0.039 | 968 |
| C520-500-R | 250 | 35 | 10,000 | 1.66 | 0.059 | 845 |
| C520-750-R | 250 | 35 | 10,000 | 0.91 | 0.264 | 686 |
| C520-1.5-R | 250 | 100 | 10,000 | 0.900 | 0.800 | 135 |
| C520-2-R | 250 | 100 | 10,000 | 0.064 | 1.9 | 136 |
| C520-2.5-R | 250 | 100 | 10,000 | 0.046 | 2.9 | 121 |
| C520-3-R | 250 | 100 | 10,000 | 0.038 | 6.1 | 116 |
| C520-3.5-R | 250 | 100 | 10,000 | 0.032 | 9.7 | 115 |
| C520-4-R | 250 | 200 | 10,000 | 0.022 | 16.6 | 88 |
| C520-5-R | 250 | 200 | 10,000 | 0.018 | 22.4 | 91 |

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

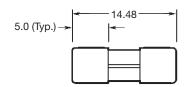


^{**} Typical Melting I ²t (A²Sec) (maximum I ²t at 10 times rated current)

^{***} Typical Voltage Drop (Voltage drop was measured at 25°C±3°C ambient temperature at rated current)

Dimensions - mm

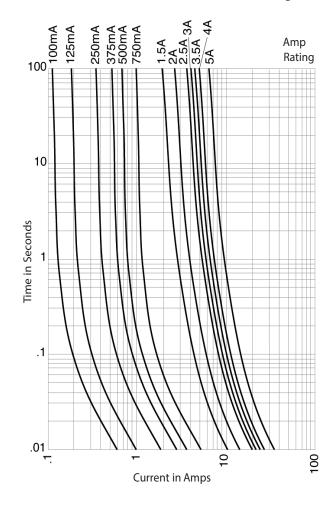
Drawing Not to Scale





Time-Current Curve

Time-Current Characteristic Curves-Average Melt



| Packaging Code | | |
|-----------------------|--|--|
| Packaging Code Prefix | Description | |
| BK | 100 fuses packed into a cardboard carton | |
| BK1 | 1,000 fuses packed into a cardboard carton | |

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