

Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from, Europe, America and south Asia, supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts, Customers Priority, Honest Operation, and Considerate Service", our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip, ALPS, ROHM, Xilinx, Pulse, ON, Everlight and Freescale. Main products comprise IC, Modules, Potentiometer, IC Socket, Relay, Connector. Our parts cover such applications as commercial, industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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5mm x 15mm Fuses C520 Series, Fast Acting, Glass Tube

Description

- Fast acting
- 5mm x 15mm physical size
- · Glass tube, nickel-plated brass endcap construction
- 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 Tim | | | |
| | 100% | None | | |
| 100mA - 5A | 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

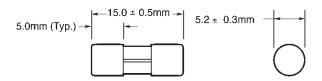
- Specify packaging, product, and option code
- For -R option, drop mA or A from product code (i.e. C520-3-R)





Dimensions

Drawing Not to Scale



| SPECIFICATIONS | | | | | | | |
|----------------|-------------------|--------|-------------------------|--------------------------------|-------------------------|--------------------|--|
| Product Code | Voltage Rating | _ | ing Rating d Voltage | Typical DC Cold Resistance* | Typical Melting I²t† | Typical Voltage | |
| | AC | 250VAC | 125VAC | (ohms) | AC | Drop (mV)‡ | |
| C520-100mA | 250V | 35A | 10,000A | 22.30 | 0.0010 | 2230 | |
| 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)

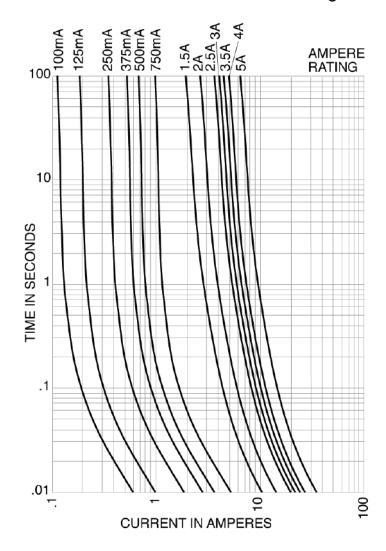
[‡] Typical Voltage Drop (Voltage drop was measured at 25°C±3°C ambient temperature at rated current)





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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 | |



Visit us on the web at: www.cooperbussmann.com

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