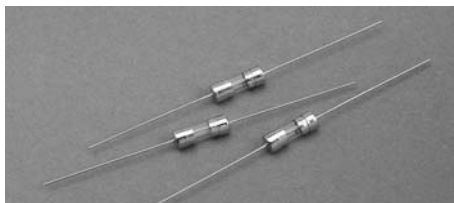


# C515

## 5 mm x 15 mm Axial-leaded, time-delay, glass tube fuses



RoHS

### Product features

- Axial-leaded, time-delay
- 5 x 15mm physical size
- Nickel-plated brass endcap construction
- Leads are tin coated
- Optional sleeve is flexible flouropolymer (UL Flammability rating VW-1).
- UL Listed product meets standard UL 248-14

### Agency information

- UL Listed Card: C515 125mA-250mA and 375mA-3A (Guide JDYX, File E19180)
- UL Recognized Card: C515 350mA, and 3.5A-7A (Guide JDYX2, File E19180)
- CSA Certification Card: C515 125mA-250mA and 375mA-3A (Class 1422-01, 53787)

| Electrical Characteristics |            |                                    |
|----------------------------|------------|------------------------------------|
| Rated Current              | Amp Rating | Opening Time                       |
| 125mA - 250mA              | 135%       | 60 minutes max.                    |
|                            | 200%       | 3 seconds min.<br>120 seconds max. |
| 350mA                      | 100%       | 4 hours min.                       |
|                            | 470mA      | 30 minutes max.                    |
|                            | 600mA      | 90 seconds max.                    |
|                            | 2A         | 2 seconds max.                     |
| 375mA - 7A                 | 6A         | 500 milliseconds max.              |
|                            | 135%       | 60 minutes max.                    |
|                            | 200%       | 3 seconds min.<br>120 seconds max. |

### Ordering

- Specify product code
- Insert packaging code prefix before part number.  
E.g., BK (or TR2)/C515-2-R
- With TR2 packaging code, lead wire length is 20.3mm Specify option code, if desired
- For insulation sleeve, insert "S" after part series.  
E.g., BK/C515S-2-R

| Product Code | Voltage Rating<br>Vac | Specifications             |        |        | Typical DC Cold Resistance*<br>(Ω) | Typical Melting I <sup>2</sup> t** | Max Voltage Drop (mV)*** |
|--------------|-----------------------|----------------------------|--------|--------|------------------------------------|------------------------------------|--------------------------|
|              |                       | Interrupting Rating (amps) |        |        |                                    |                                    |                          |
|              |                       | 600Vac                     | 250Vac | 125Vac |                                    |                                    |                          |
| C515-125-R   | 250                   | -                          | 35     | 10000  | 4.72                               | 0.101                              | 770                      |
| C515-250-R   | 250                   | -                          | 35     | 10000  | 1.32                               | 0.467                              | 430                      |
| C515-350-R   | 250                   | 25                         | 35     | 10000  | 1.04                               | 1.169                              | 530                      |
| C515-375-R   | 250                   | -                          | 35     | 10000  | 0.81                               | 1.531                              | 470                      |
| C515-500-R   | 250                   | -                          | 35     | 10000  | 0.54                               | 2.280                              | 440                      |
| C515-600-R   | 250                   | -                          | 35     | 10000  | 0.38                               | 6.982                              | 350                      |
| C515-750-R   | 250                   | -                          | 35     | 10000  | 0.26                               | 9.162                              | 310                      |
| C515-800-R   | 250                   | -                          | 35     | 10000  | 0.23                               | 10.544                             | 260                      |
| C515-1-R     | 250                   | -                          | 35     | 10000  | 0.14                               | 14.289                             | 230                      |
| C515-1.25-R  | 250                   | -                          | 100    | 10000  | 0.13                               | 22.961                             | 220                      |
| C515-1.5-R   | 250                   | -                          | 100    | 10000  | 0.100                              | 31.989                             | 240                      |
| C515-1.6-R   | 250                   | -                          | 100    | 10000  | 0.090                              | 35.156                             | 200                      |
| C515-2-R     | 250                   | -                          | 100    | 10000  | 0.059                              | 60.256                             | 170                      |
| C515-2.25-R  | 250                   | -                          | 100    | 10000  | 0.057                              | 97.724                             | 180                      |
| C515-2.5-R   | 250                   | -                          | 100    | 10000  | 0.046                              | 78.163                             | 190                      |
| C515-3-R     | 250                   | -                          | 100    | 10000  | 0.035                              | 80.426                             | 150                      |
| C515-3.5-R   | 125                   | -                          | -      | 400    | 0.028                              | 149.279                            | 130                      |
| C515-4-R     | 125                   | -                          | -      | 400    | 0.023                              | 233.346                            | 130                      |
| C515-5-R     | 125                   | -                          | -      | 400    | 0.019                              | 354.813                            | 150                      |
| C515-6-R     | 125                   | -                          | -      | 400    | 0.014                              | 471.360                            | 125                      |
| C515-7-R     | 125                   | -                          | -      | 400    | 0.013                              | 710.500                            | 100                      |

\*DC Cold Resistance (Measured at &lt;10% of rated current)

\*\*Typical Melting I<sup>2</sup>t (A<sup>2</sup>Sec) (Minimum I<sup>2</sup>t at 10 times rated current)

\*\*\*Typical Voltage Drop (Voltage drop was measured at 25°C ambient temperature at rated current)

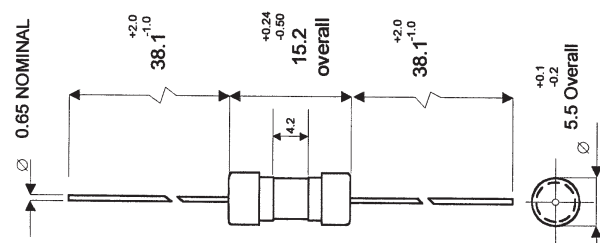


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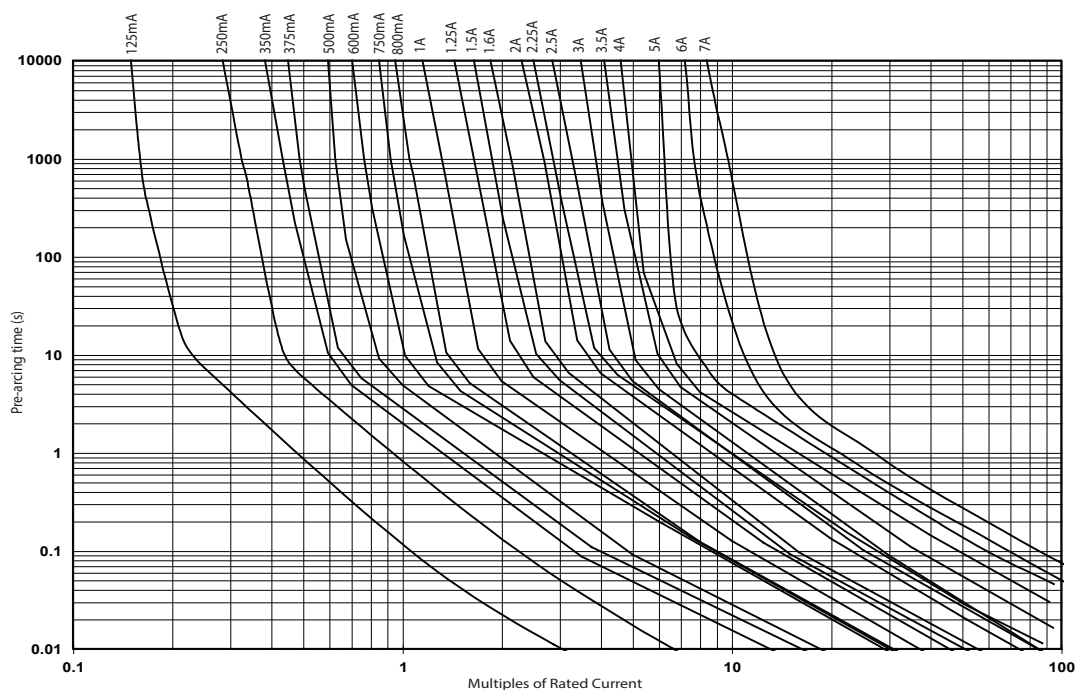
# 5 mm x 15 mm Axial-leaded, time-delay, glass tube fuses

## Dimensions mm

Drawing Not to Scale



Time-Current Curves



| Packaging Code        |                                                                 |
|-----------------------|-----------------------------------------------------------------|
| Packaging Code Prefix | Description                                                     |
| BK                    | 100 fuses packed into a cardboard carton                        |
| TR2                   | 1500 fuses packed into tape on a reel (20.3mm lead wire length) |

| Option Code |                   |
|-------------|-------------------|
| Option Code | Description       |
| S           | Insulation Sleeve |

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