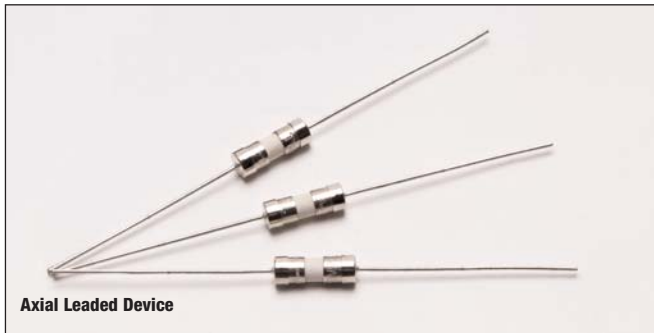
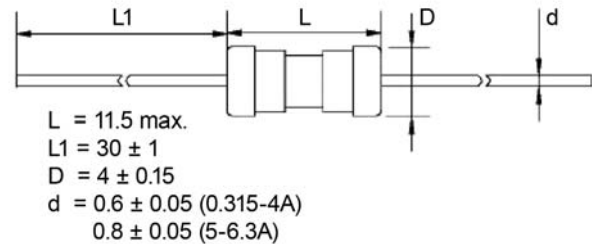


## 3.6x10mm Axial-leaded, Time-Delay, Ceramic Tube Fuses C310T Series



**Dimensions - mm**  
Drawing Not to Scale



### Description

- Time-delay
- Axial leaded
- 3.6x10mm physical size
- Ceramic tube, nickel-plated brass cap construction
- Tinned copper axial leads
- Designed to IEC60127-3, Sheet 4
- RoHS complaint (-R suffix code), lead-free and halogen free

| Electrical Characteristics |                   |                   |                    |       |                 |      |                  |       |
|----------------------------|-------------------|-------------------|--------------------|-------|-----------------|------|------------------|-------|
| Amp Rating                 | 1.5I <sub>n</sub> | 2.1I <sub>n</sub> | 2.75I <sub>n</sub> |       | 4I <sub>n</sub> |      | 10I <sub>n</sub> |       |
|                            | Min               | Max               | Min                | Max   | Min             | Max  | Min              | Max   |
| 315mA ~ 6.3A               | 1hour             | 120sec            | 400ms              | 10sec | 150ms           | 3sec | 20ms             | 150ms |

### Agency Information

- **cULus** Guide JDXY2/JDXY8, File E19180
- VDE Approval: Certificate Nos. 40030092, 40024327
- CQC Approval: File CQC10012042452, CQC08012023887
- TUV Approval: Certificate No. R50179879001
- KTL Approval: Nos. SU05030-10001, SU05030-10002, SU05001-10002, SU05001-10001

### Ordering

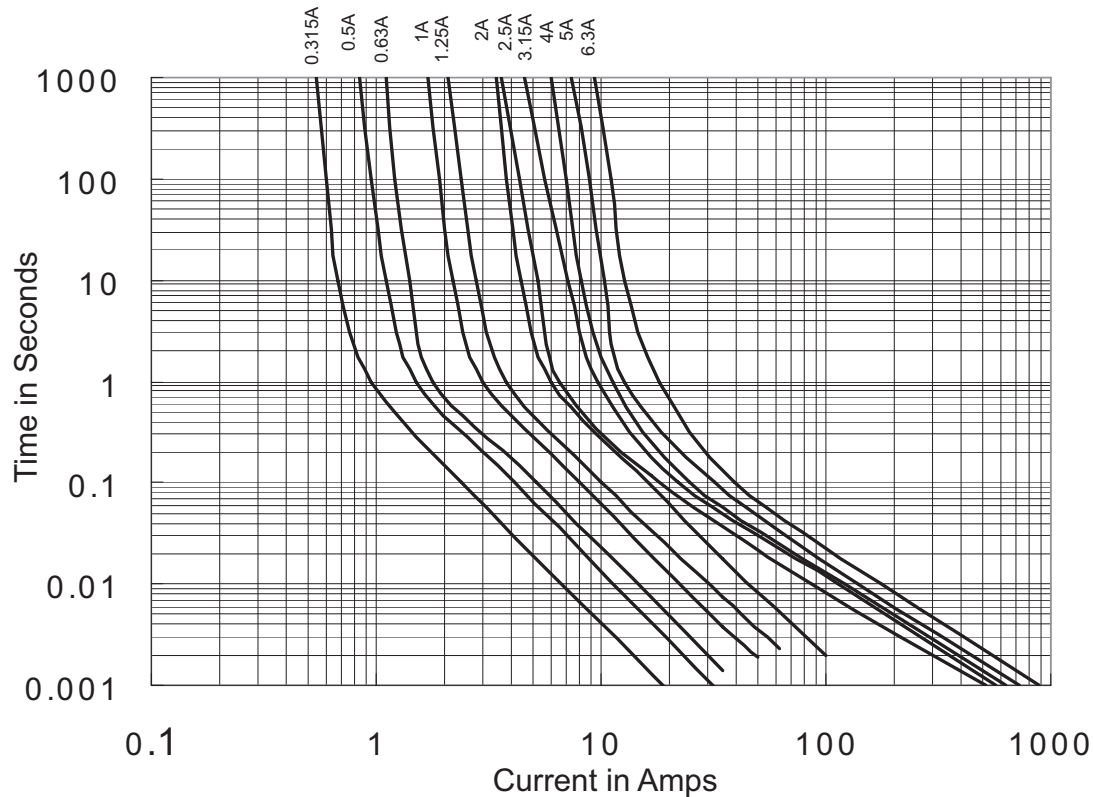
Specify packaging, product, and option code (e.g., C310T-1-R-TR1)

| Specifications |                    |                                   |                               |                               |                           |                  |       |     |     |     |
|----------------|--------------------|-----------------------------------|-------------------------------|-------------------------------|---------------------------|------------------|-------|-----|-----|-----|
| Catalog Number | Voltage Rating Vac | Interrupting Rating 250Vac (Amps) | Typical Cold Resistance (mΩ)* | Typical Melt I <sup>2</sup> t | Typical Voltage Drop (mV) | Agency Approvals |       |     |     |     |
|                |                    |                                   |                               |                               |                           | VDE              | cURus | CQC | TUV | KTL |
| C310T-315-R    | 250                | 35                                | 442.80                        | 0.936                         | 220                       |                  | X     |     |     |     |
| C310T-500-R    | 250                | 35                                | 249.80                        | 0.8                           | 190                       | X                | X     | X   |     | X   |
| C310T-630-R    | 250                | 35                                | 173.80                        | 2.73                          | 180                       |                  | X     |     |     |     |
| C310T-1-R      | 250                | 35                                | 75.90                         | 6.7                           | 140                       | X                | X     | X   |     | X   |
| C310T-1.25-R   | 250                | 35                                | 59.50                         | 12.54                         | 130                       |                  | X     |     |     |     |
| C310T-2-R      | 250                | 35                                | 30.00                         | 27.2                          | 100                       | X                | X     | X   |     | X   |
| C310T-2.5-R    | 250                | 35                                | 20.35                         | 21.80                         | 100                       | X                | X     | X   |     | X   |
| C310T-3.15-R   | 250                | 35                                | 14.68                         | 36.40                         | 100                       | X                | X     | X   |     | X   |
| C310T-4-R      | 250                | 40                                | 10.75                         | 57.50                         | 100                       |                  | X     | X** | X   | X** |
| C310T-5-R      | 250                | 50                                | 8.06                          | 85.00                         | 100                       |                  | X     | X** | X   | X** |
| C310T-6.3-R    | 250                | 63                                | 6.54                          | 163.60                        | 100                       |                  | X     | X** | X   | X** |

\* DC Cold resistance measured at <10% of rated current.

\*\* Agency approval pending.

## Time-Current Curves



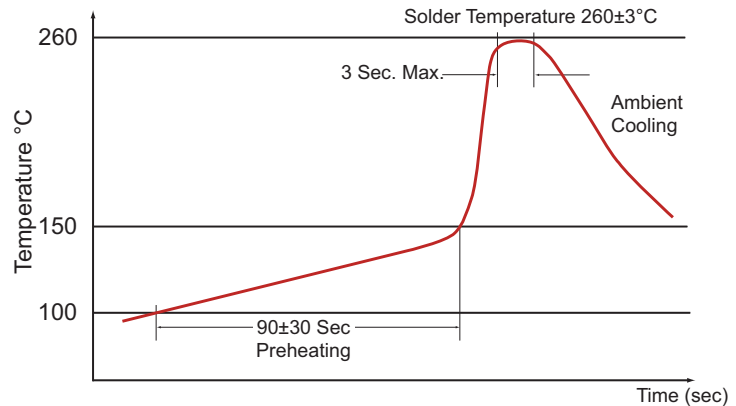
### Soldering Information

**Wave Solder:** Recommended reservoir temperature of 260°C and 3 seconds maximum.

**Manual Solder\*:** Generally 4-5 seconds at 350°C.

**Reflow Solder:** Not recommended.

\*Soldering iron.



Wave Solder Profile

### Packaging Code

| Packaging Code Suffix | Description                                               |
|-----------------------|-----------------------------------------------------------|
| -TR1                  | 1500 Fuses on a reel and five (5) reels in one (1) carton |

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