

Axial Lead and Cartridge Fuses

Subminiature

RoHS LT-5™ Time Lag Fuse 665 Series



ELECTRICAL CHARACTERISTICS:

| % of Ampere Rating | Time |
|--------------------|--------------------|
| 100% | 4 hours Min |
| 200% | 60 sec Max |

AGENCY APPROVALS: Listed by Underwriters Laboratories from 50mA to 10A. CSA Certified from 50mA to 6.3A.

INTERRUPTING RATINGS: 50A at 250VAC

ENVIRONMENTAL SPECIFICATIONS:

Operating Temperature: -40°C to +85°C.

Case Resistance: Min 100 Mohms, according to EIA/IS-722, 4.7

Vibration: 20gn, 20 min, 10Hz to 2,000Hz, 12 cycles according to EIA/IS-722, 4.10 (Frequency range 10-2000Hz, cross-over frequency 60 Hz according to IEC 60068-2-6, test Fc)

Mechanical Shock: 50g, half sine wave, 11ms, 3 times each direction according to IEC 60068-2-27.

Resistance to Cleaning Solvents: Clean according to EIA/IS-722, 4.11
Resistance to Soldering Heat: 10 sec. At 260°C to IEC 60068-2-20, test Tb

Terminal Strength: Tensile load min. 9N, according to EIA/IS-722, 4.5.5

PHYSICAL SPECIFICATIONS:

Materials: Temperature Resistant Body, UL 94V-0; Sn Coated Copper Wire Terminals.

Solderability: IEC 60068-2-20, test Ta

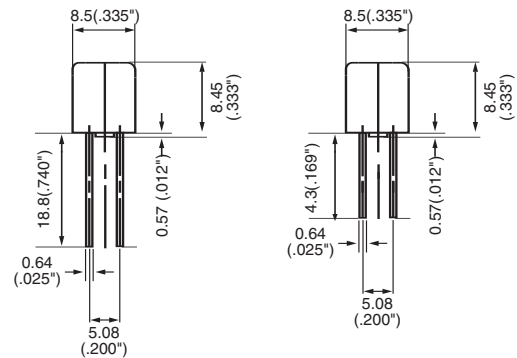
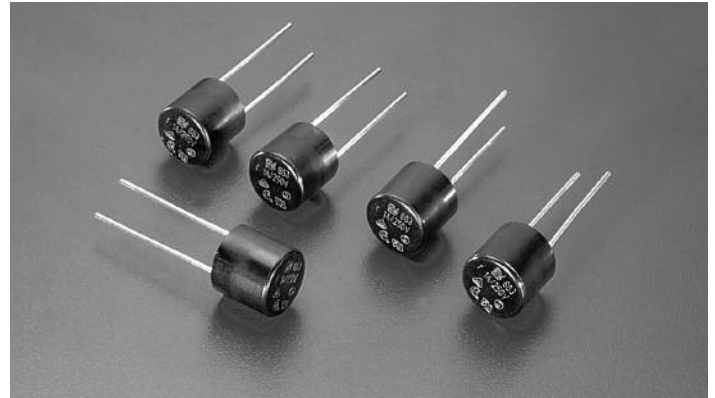
Soldering Parameters: Wave Solder – 235°C, 2 seconds maximum.

PACKAGING:

Please refer to the following suffixes when ordering:

- 100 Piece Bulk: Short Leads use suffix HXSL; Long Leads use suffix HXLL
- 750 Piece Tape and Reel per IEC 286-2: (Long Leads only) use suffix ZRLL
- 1000 Piece Ammo Pack use suffix MALL

PATENTED



ORDERING INFORMATION:

| Catalog Number | Ampere Rating | Voltage Rating | Nominal Resistance Cold mOhms | I ² t at 10 x In (A ² Sec) |
|----------------|---------------|----------------|-------------------------------|--|
| 0665.063 | .063 | 250 | 7548 | 0.0176 |
| 0665.080 | .080 | 250 | 4427 | 0.0313 |
| 0665.100 | .100 | 250 | 2715 | 0.0456 |
| 0665.125 | .125 | 250 | 2038 | 0.0567 |
| 0665.160 | .160 | 250 | 1238 | 0.0692 |
| 0665.200 | .200 | 250 | 1091 | 0.133 |
| 0665.250 | .250 | 250 | 696 | 0.258 |
| 0665.315 | .315 | 250 | 465 | 0.361 |
| 0665.400 | .400 | 250 | 334 | 0.528 |
| 0665.500 | .500 | 250 | 243 | 0.898 |
| 0665.630 | .630 | 250 | 170 | 2.24 |
| 0665.800 | .800 | 250 | 121 | 4.05 |
| 0665 001. | 1.00 | 250 | 86 | 6.85 |
| 0665 1.25 | 1.25 | 250 | 66 | 7.93 |
| 066501.6 | 1.60 | 250 | 46 | 17.5 |
| 0665 002. | 2.00 | 250 | 34 | 28.6 |
| 0665 02.5 | 2.50 | 250 | 26 | 40.9 |
| 0665 3.15 | 3.15 | 250 | 20 | 55.0 |
| 0665 004. | 4.00 | 250 | 15 | 67.2 |
| 0665 005. | 5.00 | 250 | 12 | 142 |
| 066506.3 | 6.30 | 250 | 9 | 287 |
| 0665 008. | 8.00 | 250 | 5 | 422 |
| 0665 010. | 10.0 | 250 | 4 | 564 |

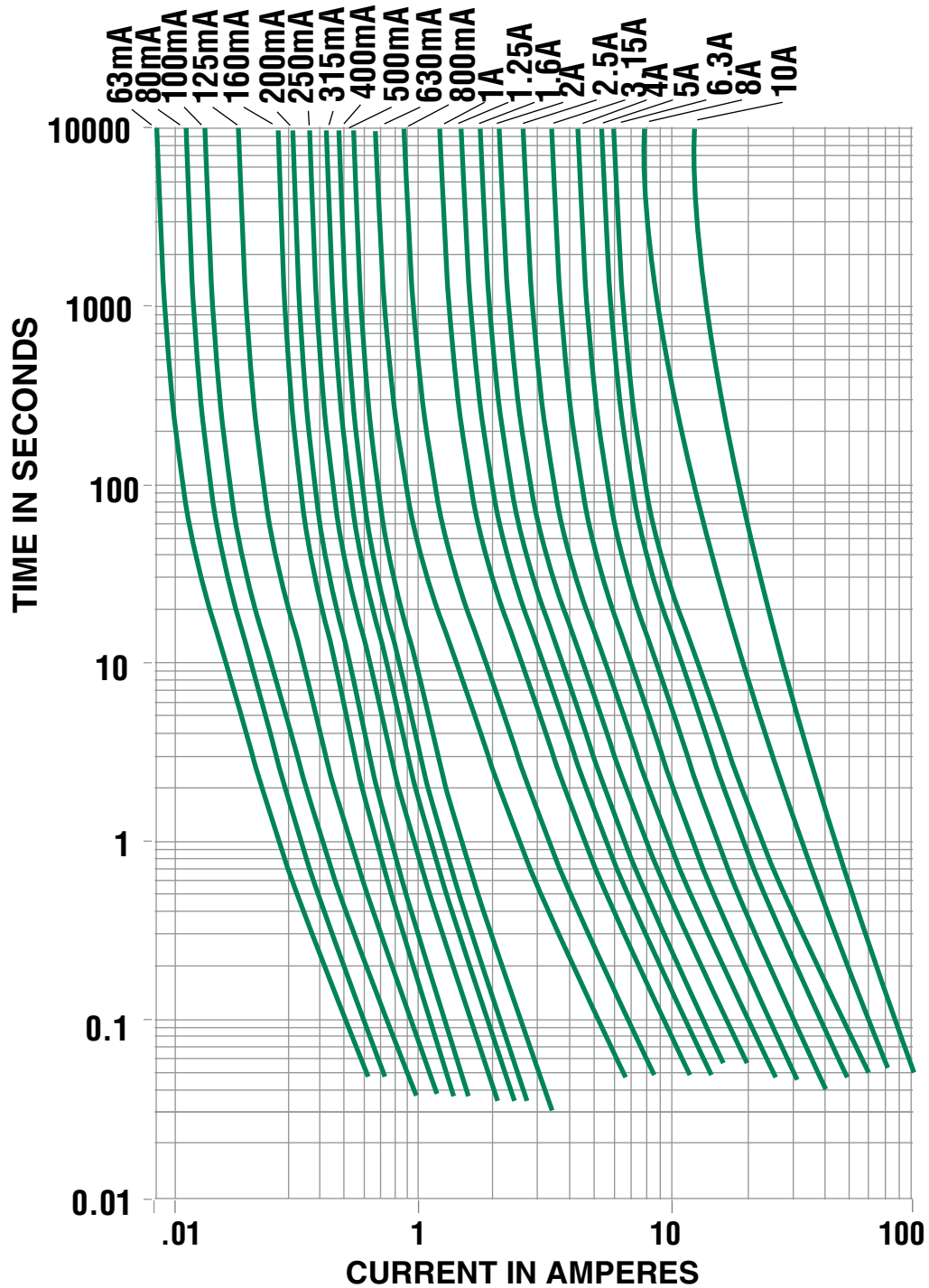
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Average Time Current Curves



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