RoHS LT-5™ Time Lag Extended Breaking Capacity Fuse 664 Series

- Similar to the 663 fuse, this fuse is designed with a higher breaking capacity.
- Meets IEC 60127-3/4 specifications (up to 6.3A).
- Available in short and long lead variations.

ELECTRICAL CHARACTERISTICS:

% of Ampere Rating	Ampere Rating	Time
150%	800mA-6.3A	1 hour **Min.**
210%	800mA-6.3A	2 minutes, **Max**imum
275%	800mA-6.3A	.4 sec **Min.**; 10 seconds **Max**imum
400%	800mA-6.3A	.1 sec **Min.**; 3 seconds **Max**imum
1000%	800mA-6.3A	.02 sec **Min**. .15 seconds **Max**imum
100%	8-10A	4 hours, **Min.**
200%	8-10A	60 seconds, **Max**imum

AGENCY APPROVALS: IEC 60127-3/4: VDE and Semko approved from 800mA to 4A. Recognized under the components program of Underwriters Laboratories and recognized by CSA from 800mA to 6.3A. Approved by KTL from 800mA to 6.3A. Approved by METI and CCC from 1 to 4A. Listed by the Underwriters Laboratories for 8 and 10A ratings.

INTERRUPTING RATINGS: 100A at 250 VAC.

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

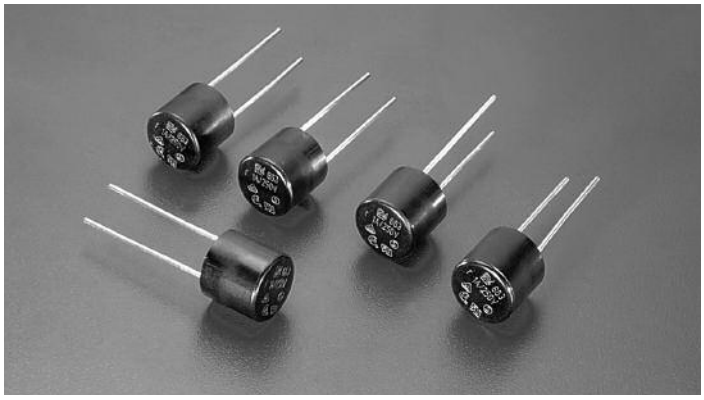
PHYSICAL SPECIFICATIONS:

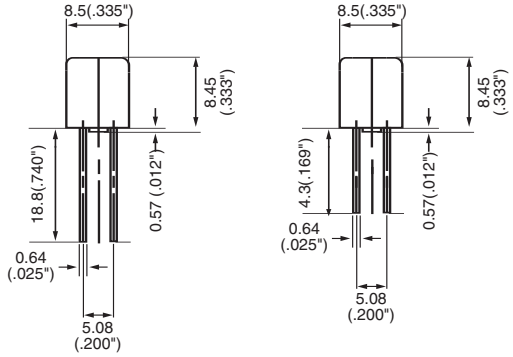
Materials: Temperature Resistant Body, UL 94V-0; Sn Coated Copper Wire Terminals.
Solderability: IEC 60068-2-20, test Ta
Soldering Parameters: Wave Solder – 235˚C, 2 seconds maximum.

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	Nominal Melting I²t A² Sec
0664.800	.800	250	168	2.2
0664 001.	1.00	250	123	4.4
0664 1.25	1.25	250	85	6.3
0664 01.6	1.60	250	60	10
0664 002.	2.00	250	39	16
0664 02.5	2.50	250	30	32
0664 3.15	3.15	250	20	57
0664 004.	4.00	250	17	77
0664 005.	5.00	250	11	155
0664 06.3	6.30	250	9	262
0664 008.	8.00	250	7	397
0664 010.	10.00	250	6	440

Refer to page 342 for LT-5™ holder information.

LT-5™ Time Lag Extended Breaking Capacity Fuse 664 Series

AGENCY APPROVALS: IEC 60127-3/4: VDE approved through 4A. Recognized under the components program of Underwriters Laboratories and recognized by CSA through 6.3A. Approved CCC to 3.15A. Approved by METI and KTL from 1-4A.

INTERRUPTING RATINGS:

0.050-3.15A	35 amperes at 250VAC
	50 amperes at 125 VDC
4-6.3A	10x rated current at 250VAC
	50A or 10x rated current at 125VDC

ENVIRONMENTAL SPECIFICATIONS:

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

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

Vibration: IEC 68-2-6, test Fc (10-2000Hz); Cross-over frequency 60Hz

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

PHYSICAL SPECIFICATIONS:

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

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

Solderability: IEC 60127-4 sub clause 8.7.1

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

Average Time Current Curves

