



NOTES:

1. LED includes integrated diode for reverse voltage protection.
2. LED includes integrated resistor for current limiting.

|                             |                |
|-----------------------------|----------------|
| Operating Temperature Range | -30°C to +85°C |
| Storage Temperature Range   | -40° to +100°C |

**TYPICAL ELECTRICAL & OPTICAL OPERATING CHARACTERISTICS**  
(Ta = 25 degree C)

| PART NUMBER  | EMITTING COLOR | AMPERAGE mA | VOLTAGE Vdc | LUMENS | $\mu\text{W}/\text{cm}^2$ | DOMINANT WAVELENGTH | VIEWING ANGLE DEGREES |
|--------------|----------------|-------------|-------------|--------|---------------------------|---------------------|-----------------------|
| LE-0504-01R  | RED            | 15mA        | 12.0        | 1.00   | —                         | 630nm               | 95                    |
| LE-0504-01Y  | YELLOW         | 15mA        | 12.0        | 1.00   | —                         | 595nm               | 95                    |
| LE-0504-01G  | GREEN          | 15mA        | 12.0        | 2.00   | —                         | 525nm               | 95                    |
| LE-0504-01B  | BLUE           | 15mA        | 12.0        | 1.00   | —                         | 470nm               | 95                    |
| LE-0504-01W  | WHITE          | 15mA        | 12.0        | 1.00   | —                         | x = 0.28 y = 0.28   | 95                    |
| LE-0504-01UV | ULTRA VIOLET   | 15mA        | 12.0        | —      | 6                         | 405                 | 95                    |

METRIC

THIRD ANGLE PROJECTION

DIMENSIONS ARE IN MILLIMETERS

TOLERANCE UNLESS OTHERWISE SPECIFIED

1 PL +/- 0.2

2 PL +/- 0.20

ANGLE +/- 0

**JKL** COMPONENTS CORPORATION

TITLE  
T-1 3/4 WEDGE BASE 12 VOLT LED

|          |  |             |                                |                |      |          |             |               |               |          |        |
|----------|--|-------------|--------------------------------|----------------|------|----------|-------------|---------------|---------------|----------|--------|
| REV. NO. | DESCRIPTION/ECO NUMBER                     | APPV'D DATE | DRAWN BY                       | APPV'D BY DATE | SIZE | FSCM NO. | DRAWING NO. | RELEASED DATE | REVISION DATE | REV. NO. | SHEET  |
| B        | CHANGE CHARTS                              | 8/25/08     | L. WENGSTROM                   | L.R. 8/25/08   | A    | 55335    | LE-0504-01  | 7/3/06        | 8/25/08       | B        | 1 OF 1 |
| A        | NOTE 2 CHNG. 57 OHMS TO 450 OHMS           | 9/14/06     |                                |                |      |          |             |               |               |          |        |
|          | ENGR RELEASED & CANCEL PL-0504-01-1 TO -06 | 7/3/06      |                                |                |      |          |             |               |               |          |        |
|          |  |             | - CAD DRAWING -                |                |      | SCALE    |             |               |               |          |        |
|          |  |             | MANUAL REVISIONS NOT PERMITTED |                |      | NONE     |             |               |               |          |        |