



NOTES:

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

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| 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 | μW/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 | 9000°K WHITE | 15mA | 12.0 | 1.00 | — | x = 0.28 y = 0.28 | 95 |
| LE-0504-01UV | ULTRA VIOLET | 15mA | 12.0 | — | 6 | 405 | 95 |

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| <p>METRIC THIRD ANGLE PROJECTION</p> | <p>DIMENSIONS ARE IN MILLIMETERS</p> <p>TOLERANCE UNLESS OTHERWISE SPECIFIED</p> <p>1 PL +/- 0.2 2 PL +/- 0.20 ANGLE +/- 0</p> | <p>JKL COMPONENTS CORPORATION</p> | | | |
| | | <p>TITLE T-1 3/4 WEDGE BASE 12 VOLT LED</p> | | | |
| <p>ADD 9000° WHITE TO LE-0504-01W</p> | <p>6/22/10</p> | <p>SIZE A</p> | <p>FSCM NO. 55335</p> | <p>DRAWING NO. LE-0504-01</p> | <p>SCALE NONE</p> |
| <p>CHANGE CHARTS</p> | <p>8/25/08</p> | <p>DRAWN BY L. WENGSTROM</p> | <p>APPVD BY L.R.</p> | <p>DATE 6/22/10</p> | <p>RELEASED DATE 7/3/06</p> |
| <p>NOTE 2 CHNG. 57 OHMS TO 450 OHMS</p> | <p>9/14/06</p> | <p>- CAD DRAWING - MANUAL REVISIONS NOT PERMITTED</p> | | <p>REVISION DATE 6/22/10</p> | <p>REV. NO. C</p> |
| <p>ENGR RELEASED & CANCEL PL-0504-01-1 TO -06</p> | <p>7/3/06</p> | <p>DESCRIPTION/ECO NUMBER</p> | <p>APPVD DATE</p> | <p>REVISION DATE 6/22/10</p> | <p>SHEET 1 OF 1</p> |

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|----------|--|------------|
| REV. NO. | DESCRIPTION/ECO NUMBER | APPVD DATE |
| C | ADD 9000° WHITE TO LE-0504-01W | 6/22/10 |
| B | CHANGE CHARTS | 8/25/08 |
| A | NOTE 2 CHNG. 57 OHMS TO 450 OHMS | 9/14/06 |
| | ENGR RELEASED & CANCEL PL-0504-01-1 TO -06 | 7/3/06 |