



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 | DOMINANT WAVELENGTH | VIEWING ANGLE DEGREES |
|-------------|----------------|-------------|-------------|--------|---------------------|-----------------------|
| LE-0509-01R | RED | 15mA | 24.0 | 1.00 | 630nm | 95 |
| LE-0509-01Y | YELLOW | 15mA | 24.0 | 1.00 | 595nm | 95 |
| LE-0509-01G | GREEN | 15mA | 24.0 | 2.00 | 525nm | 95 |
| LE-0509-01B | BLUE | 15mA | 24.0 | 1.00 | 470nm | 95 |
| LE-0509-01W | WHITE | 15mA | 24.0 | 2.00 | x = 0.30 y = 0.29 | 95 |

METRIC

THIRD ANGLE PROJECTION

DIMENSIONS ARE IN MILLIMETERS

TOLERANCE UNLESS OTHERWISE SPECIFIED

1 PL +/- 0.2
2 PL +/- 0.20
ANGLE +/- 0

- CAD DRAWING -
MANUAL REVISIONS NOT PERMITTED

JKL COMPONENTS CORPORATION

| | | | | | |
|----------|--------------|--------------------------------|---------------|---------------|--------------|
| TITLE | | T-1 3/4 WEDGE BASE 24 VOLT LED | | | |
| SIZE | FSCM NO. | DRAWING NO. | LE-0509-01 | | |
| A | 55335 | | RELEASED DATE | REVISION DATE | REV. NO. |
| SCALE | NONE | 7/3/06 | 8/25/08 | B | SHEET 1 OF 1 |

| | | |
|----------|--|-------------------|
| REV. NO. | DESCRIPTION/ECO NUMBER | APPV'D DATE |
| B | CHANGE CHART | 8/25/08 |
| A | UPDATE ON ELECTRICAL ENGR RELEASE & CANCEL PL-0509-01-1 TO -05 | 8/11/08 7/3/06 |

| | | |
|--------------|-----------|---------|
| DRAWN BY | APPV'D BY | DATE |
| L. WENGSTROM | L.R. | 8/25/08 |