

**NOTES:**

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

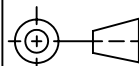
|                             |                |
|-----------------------------|----------------|
| Operating Temperature Range | -30°C to +85°C |
| Storage Temperature Range   | -40° to +100°C |

**TYPICAL ELECTRICAL & OPTICAL OPERATING CHARACTERISTICS**

(Ta = 25 degree C)

| PART NUMBER  | EMITTING COLOR | AMPERAGE mA | VOLTAGE Vdc | LUMENS | DOMINANT WAVELENGTH | VIEWING ANGLE DEGREES |
|--------------|----------------|-------------|-------------|--------|---------------------|-----------------------|
| LE-0509-02R  | RED            | 20mA        | 24.0        | 0.70   | 630nm               | 20                    |
| LE-0509-02Y  | YELLOW         | 20mA        | 24.0        | 0.70   | 595nm               | 20                    |
| LE-0509-02G  | GREEN          | 20mA        | 24.0        | 2.00   | 525nm               | 20                    |
| LE-0509-02B  | BLUE           | 20mA        | 24.0        | 0.70   | 470nm               | 20                    |
| LE-0509-02W  | 9000°K WHITE   | 20mA        | 24.0        | 2.50   | x = 0.28 y = 0.29   | 20                    |
| LE-0509-02WW | 2600°K WHITE   | 20mA        | 24.0        | 2.50   | x = 0.401 y = 0.392 | 20                    |

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-3 1/4 24V WEDGE BASE LED

|          |  |             |
|----------|--|-------------|
| REV. NO. | DESCRIPTION/ECO NUMBER                   | APPV'D DATE |
| C        | ADD 9000°K WHITE AND 2600°K WHITE        | 6/16/10     |
| B        | CHANGE CHART                             | 8/25/08     |
| A        | ADD LE-0509-02WW PART NO. TO LIST        | 12/7/07     |
|          | ENGR RELEASE & CANCEL PL-0509-02-1 TO -5 | 7/3/06      |

DRAWN BY L. WENGSTROM

APPV'D BY DATE L.R. 6/16/10

SIZE A

FSCM NO. 55335

DRAWING NO. LE-0509-02

- CAD DRAWING -  
 MANUAL REVISIONS NOT PERMITTED

SCALE NONE

RELEASED DATE 7/3/06

REVISION DATE 6/16/10

REV. NO. C

SHEET 1 OF 1