

**NOTES:**

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

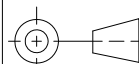
Operating Temperature Range	-30°C to +85°C
Storage Temperature Range	-40° to +100°C

**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
D	ADD + TO 24V DC MARK AND SHOW 2 LEADS	2/20/12
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. 2/20/12**

**- CAD DRAWING -**  
 MANUAL REVISIONS NOT PERMITTED

SIZE <b>A</b>	FSCM NO. <b>55335</b>	DRAWING NO. <b>LE-0509-02</b>
SCALE <b>NONE</b>	RELEASED DATE <b>7/3/06</b>	REVISION DATE <b>2/20/12</b>
	REV. NO. <b>D</b>	SHEET <b>1 OF 1</b>