



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°C to +100°C

TYPICAL ELECTRICAL & OPTICAL OPERATING CHARACTERISTICS

(Ta = 25 degree C)

PART NUMBER	EMITTING COLOR	AMPERAGE mA	VOLTAGE Vdc	LUMENS	μW/cm <sup>2</sup>	DOMINANT WAVELENGTH	VIEWING ANGLE DEGREES
LE-0503-03R	RED	15mA	12.0	0.70	—	630nm	20
LE-0503-03Y	YELLOW	15mA	12.0	0.70	—	595nm	20
LE-0503-03G	GREEN	15mA	12.0	2.00	—	525nm	20
LE-0503-03B	BLUE	15mA	12.0	0.70	—	470nm	20
LE-0503-03W	WHITE	15mA	12.0	2.50	—	x = 0.30 y = 0.29	20
LE-0503-03UV	ULTRA VIOLET	15mA	12.0	—	235	405	20

METRIC

THIRD ANGLE PROJECTION

DIMENSIONS ARE IN MILLIMETERS

TOLERANCE UNLESS OTHERWISE SPECIFIED

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

DRAWN BY: L. WENGSTROM

APPV'D BY: L.R.

DATE: 8/25/08

- CAD DRAWING -

MANUAL REVISIONS NOT PERMITTED

**JKL** COMPONENTS CORPORATION

TITLE: T-3 1/4 WEDGE BASE LED

SIZE: <b>A</b>	FSCM NO.: <b>55335</b>	DRAWING NO.: <b>LE-0503-03</b>
SCALE: <b>NONE</b>	RELEASED DATE: <b>7/03/06</b>	REVISION DATE: <b>8/25/08</b>
	REV. NO.: <b>C</b>	SHEET <b>1</b> OF <b>1</b>

REV. NO.	DESCRIPTION/ECO NUMBER	APPV'D DATE
<b>C</b>	CHANGE CHARTS	8/25/08
<b>B</b>	ADDITIONAL ELECT INFO & CHNG DIMS	8/11/08
<b>A</b>	CHNG. LUMENS & ADD NOTES 1 & 2	9/14/06
	ENGR RELEASE & CANCEL PL-0503-03-1 TO -6	3/3/05