

**NOTES:**

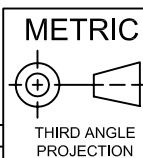
1. LED includes integrated diode for reverse voltage protection.
2. LED includes integrated resistor for current limiting.

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

**TYPICAL ELECTRICAL & OPTICAL OPERATING CHARACTERISTICS**

( $T_a = 25 \text{ degree C}$ )

PART NUMBER	EMITTING COLOR	AMPERAGE mA	VOLTAGE Vdc	LUMENS	$\mu\text{W}/\text{cm}^2$	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



DIMENSIONS ARE IN MILLIMETERS  
TOLERANCE UNLESS OTHERWISE SPECIFIED  
1 PL +/- 0.2  
2 PL +/- 0.20  
ANGLE +/- 0

**JKL** COMPONENTS CORPORATION

TITLE  
T-1 3/4 WEDGE BASE 12 VOLT LED

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

DRAWN BY L. WENGSTROM  
APPVD BY L.R.  
DATE 6/22/10

- CAD DRAWING -  
MANUAL REVISIONS NOT PERMITTED

SIZE A	FSCM NO. 55335	DRAWING NO. LE-0504-01
SCALE NONE	RELEASED DATE 7/3/06	REVISION DATE 6/22/10
	REV. NO. C	SHEET 1 OF 1