



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 ²	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	9000°K WHITE	15mA	12.0	2.50	—	x = 0.30 y = 0.29	20
LE-0503-03UV	ULTRA VIOLET	15mA	12.0	—	235	405	20

<p>METRIC THIRD ANGLE PROJECTION</p>	<p>DIMENSIONS ARE IN MILLIMETERS</p> <p>TOLERANCE UNLESS OTHERWISE SPECIFIED</p> <p>1 PL +/- 0.2 2 PL +/- 0.20 ANGLE +/- 0</p>	<p>JKL COMPONENTS CORPORATION</p>					
		<p>TITLE</p> <p style="text-align: center;">T-3 1/4 WEDGE BASE LED</p>					
<p>DRAWN BY</p> <p>L. WENGSTROM</p>	<p>APPVD BY</p> <p>L.R.</p>	<p>DATE</p> <p>6/16/10</p>	<p>SIZE</p> <p>A</p>	<p>FSCM NO.</p> <p>55335</p>	<p>DRAWING NO.</p> <p>LE-0503-03</p>		
<p>- CAD DRAWING -</p> <p>MANUAL REVISIONS NOT PERMITTED</p>			<p>SCALE</p> <p>NONE</p>	<p>RELEASED DATE</p> <p>7/03/06</p>	<p>REVISION DATE</p> <p>6/16/10</p>	<p>REV. NO.</p> <p>E</p>	<p>SHEET</p> <p>1 OF 1</p>

REV. NO.	DESCRIPTION/ECO NUMBER	APPVD DATE
E	ADD 9000° WHITE	6/16/10
D	CHANGE MOL TO 27.5 ± 1.0	1/22/09
C	CHANGE CHARTS	8/25/08
B	ADDITIONAL ELECT INFO & CHNG DIMS	8/11/08
A	CHNG. LUMENS & ADD NOTES 1 & 2	9/14/06
	ENGR RELEASE & CANCEL PL-0503-03-1 TO -6	3/3/05

Mouser Electronics

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[JKL Components:](#)

[LE-0503-03W](#) [LE-0503-03Y](#) [LE-0503-03G](#) [LE-0503-03B](#) [LE-0503-03R](#)