



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

<table border="1"> <tr> <td>F</td> <td>CHANGE LAMP LABEL TO 24V DC</td> <td>9/10/14</td> </tr> <tr> <td>E</td> <td>CHANGE MOL FROM 28.5 +/- 1.0 TO 27.5 +/- 1.0</td> <td>6/17/14</td> </tr> <tr> <td>D</td> <td>ADD + TO 24V DC MARK AND SHOW 2 LEADS</td> <td>2/20/12</td> </tr> <tr> <td>C</td> <td>ADD 9000°K WHITE AND 2600°K WHITE</td> <td>6/16/10</td> </tr> <tr> <td>B</td> <td>CHANGE CHART</td> <td>8/25/08</td> </tr> <tr> <td>A</td> <td>ADD LE-0509-02WW PART NO. TO LIST</td> <td>12/7/07</td> </tr> <tr> <td></td> <td>ENGR RELEASE & CANCEL PL-0509-02-1 TO -5</td> <td>7/3/06</td> </tr> </table>			F	CHANGE LAMP LABEL TO 24V DC	9/10/14	E	CHANGE MOL FROM 28.5 +/- 1.0 TO 27.5 +/- 1.0	6/17/14	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	<p>METRIC</p> <p>THIRD ANGLE PROJECTION</p>		<p>DIMENSIONS ARE IN MILLIMETERS</p> <p>TOLERANCE UNLESS OTHERWISE SPECIFIED</p> <p>1 PL +/- 0.2</p> <p>2 PL +/- 0.20</p> <p>ANGLE +/- 0</p>		<p>JKL COMPONENTS CORPORATION</p> <p>TITLE</p> <p>T-3 1/4 24V WEDGE BASE LED</p>				
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<p>DRAWN BY</p> <p>L. WENGSTROM</p>			<p>APPV'D BY DATE</p> <p>L.R. 9/10/14</p>		<p>SIZE</p> <p>A</p>	<p>FSCM NO.</p> <p>55335</p>	<p>DRAWING NO.</p> <p>LE-0509-02</p>			<p>SCALE</p> <p>NONE</p>		<p>RELEASED DATE</p> <p>7/3/06</p>	<p>REVISION DATE</p> <p>9/10/14</p>	<p>REV. NO.</p> <p>F</p>	<p>SHEET</p> <p>1 OF 1</p>																	
<p>REV. NO.</p> <p>DESCRIPTION/ECO NUMBR</p> <p>APPV'D DATE</p>			<p>- CAD DRAWING -</p> <p>MANUAL REVISIONS NOT PERMITTED</p>																													