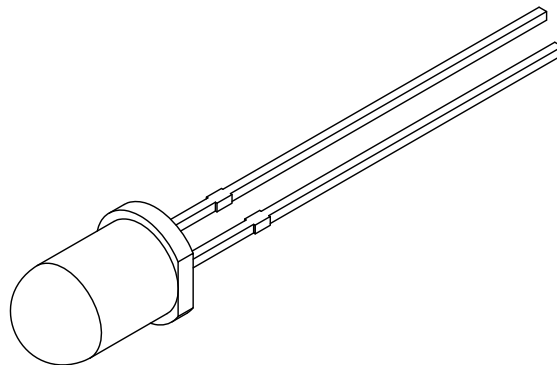
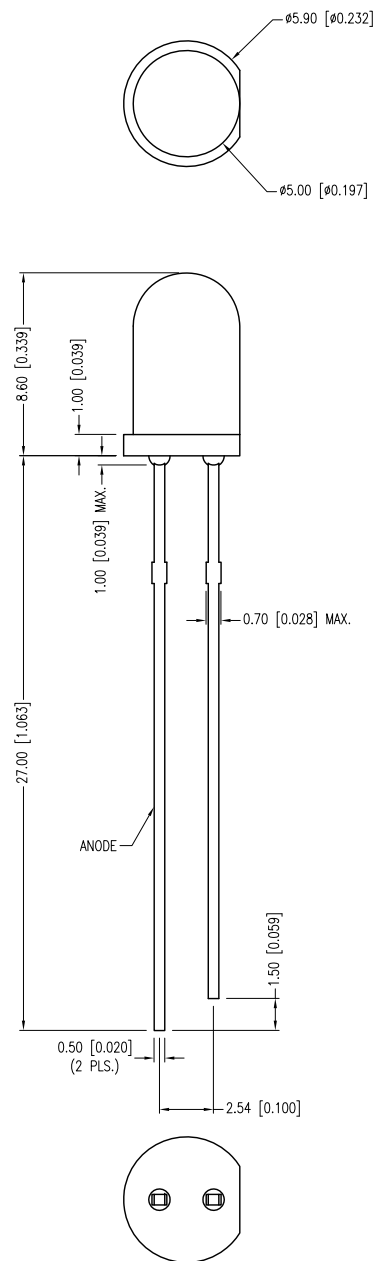


| PART NUMBER | SSL-LX5093SUGC                      | REV. | B    |
|-------------|-------------------------------------|------|------|
| DATE        | E.C.N. NUMBER AND REVISION COMMENTS |      | REV. |
| 10.25.06    | E.C.N. #11148.                      |      | A    |
| 09.28.12    | E.C.N. #10BRDR. & REDRAWN.          |      | B    |



| ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA |             |      |     |          |           |
|-------------------------------------------------|-------------|------|-----|----------|-----------|
| PARAMETER                                       | MIN         | TYP  | MAX | UNITS    | TEST COND |
| PEAK WAVELENGTH                                 |             | 574  |     | nm       |           |
| FORWARD VOLTAGE                                 |             | 2.2  | 2.6 | Vf       |           |
| REVERSE VOLTAGE                                 | 4.0         |      |     | Vr       | Ir=100μA  |
| AXIAL INTENSITY                                 |             | 1000 |     | mcd      | If=20mA   |
| VIEWING ANGLE                                   |             | 30   |     | 2x theta |           |
| EMITTED COLOR:                                  | GREEN       |      |     |          |           |
| EPOXY LENS FINISH:                              | WATER CLEAR |      |     |          |           |

| LIMITS OF SAFE OPERATION AT 25°C |            |       |
|----------------------------------|------------|-------|
| PARAMETER                        | MAX        | UNITS |
| PEAK FORWARD CURRENT*            | 160        | mA    |
| STEADY CURRENT                   | 30         | mA    |
| POWER DISSIPATION                | 105        | mW    |
| DERATE FROM 25°C                 | -1.2       | mW/°C |
| OPERATING TEMP.                  | -40 TO +85 | °C    |
| STORAGE TEMP.                    | -40 TO +85 | °C    |
| SOLDERING TEMP.                  | +260       | °C    |
| 2.0mm FROM BODY                  | 3          | SEC.  |

\* t&lt;10μS

\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= +DECIMAL PRECISION MAX= +0.00 -DECIMAL PRECISION

UNCONTROLLED DOCUMENT

QUASARBRITE T-5mm (T-1 3/4) 574nm GREEN LED, WATER CLEAR LENS.

\*\*THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.\*\*

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|        |           |           |    |
|--------|-----------|-----------|----|
| DATE:  | 09.28.12  | DRAWN BY: | AB |
| PAGE:  | 1 OF 1    | CHKD BY:  | KF |
| SCALE: | NTS       | APRVD BY: | KF |
| UNIT:  | mm [INCH] |           | Ⓟ  |

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