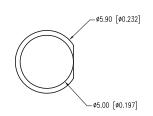
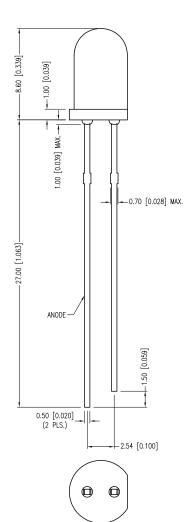
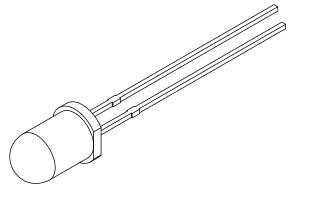
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| PART NUMBER | SSL-LX5093LGD | REV. | D | |
|-------------|-------------------------------------|------|---|--|
| DATE | E.C.N. NUMBER AND REVISION COMMENTS | | | |
| 02.10.95 | REDRAWN, UPDATED SPECS. | | Α | |
| 05.25.01 | E.C.N. #10BRDR. & REDRAWN IN 3D. | | В | |
| 10.23.06 | E.C.N. #11148. | | С | |
| 02.16.12 | E.C.N. #10BRDR. & REDRAWN. | | D | |

ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA PARAMETER TYP UNITS TEST COND PEAK WAVELENGTH 565 FORWARD VOLTAGE 2.0 2.6 Vf REVERSE VOLTAGE 5.0 ۷r Ir=100µA AXIAL INTENSITY 30 If=20mA mcd 1.0 mcd If=2mA VIEWING ANGLE 60 2x theta EMITTED COLOR: GREEN EPOXY LENS FINISH: GREEN DIFFUSED

| LIMITS OF SAFE OPERATION AT 25°C | | |
|----------------------------------|------------|-------|
| PARAMETER | MAX | UNITS |
| PEAK FORWARD CURRENT* | 150 | mA |
| STEADY CURRENT | 25 | 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<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= $^{+0.00}_{-0.00}$ MAX.= $^{+0.00}_{-0.00}$ MAX.= $^{+0.00}_{-0.000}$ MAX.= $^{+0.000}_{-0.000}$ MA UNCONTROLLED DOCUMENT



425 N. GARY AVE. CAROL STREAM, IL 60188-4900 PHONE: +1.800.278.5666 FAX: +1.630.315.2152 WEB: WWW.LUMEX.COM MEMBER OF ITW PHOTONICS GROUP QUASARBRITE T-5mm (T-1 3/4) 565nm GREEN LED, GREEN DIFFUSED LENS, LOW CURRENT SELECTION.

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

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| DATE: | 02.16.12 | DRAWN BY: | AB |
|-----------------|----------|-----------|----|
| PAGE: | 1 OF 1 | CHKD BY: | DT |
| SCALE: | NTS | APRVD BY: | KF |
| UNIT: mm [INCH] | | Pb | |

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