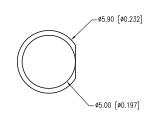
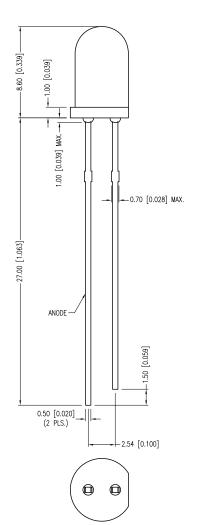
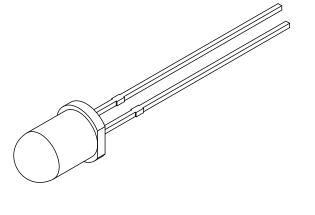
UNCONTROLLED DOCUMENT







| I | PART NUMBER | SSL-LX5093GD-5V | REV. | D |
|---|-------------|-------------------------------------|------|------|
| Ī | DATE | E.C.N. NUMBER AND REVISION COMMENTS | | REV. |
| ſ | 06.04.94 | REDRAWN. | | Α |
| ſ | 05.29.01 | E.C.N. #10BRDR. & REDRAWN. | | В |
| ſ | 10.19.06 | E.C.N. #11148. | | С |
| Ī | 02.01.12 | E.C.N. #10BRDR. & REDRAWN. | | D |

ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=5V PARAMETER TYP UNITS TEST COND PEAK WAVELENGTH 565 FORWARD VOLTAGE 5.0 7.0 Vf REVERSE VOLTAGE 5.0 Vr ام اr=100 ا AXIAL INTENSITY 20 If=5V mcd 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 VOLTAGE | 7.0 | ٧ |
| STEADY CURRENT | 12 | mA |
| POWER DISSIPATION | 310 | 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. |

*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= $^{+DECIMAL}_{-0.00}$ PRECISION MAX.= $^{+0.00}_{-0.00}$ MAX.= $^{+0.00}_{-0.00}$ PRECISION ARE: X=±1 (±0.039), X.XX=±0.5 (±0.020), X.XX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD SIZE=±0.05 (±0.003). MIN= $^{+DECIMAL}_{-0.00}$ PRECISION MAX.= $^{+0.00}_{-0.00}$ MAX.= $^{+0.00}_{-0.00}$ PRECISION MAX.= $^{+0.00}_{-0.00}$ PRECISION MAX.= $^{+0.00}_{-0.00}$ MAX.= $^{+0.00}_{-0.00}$ PRECISION MAX.= $^{$ 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, 5 VOLT OPERATION.

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

CONFIDENTIAL INFORMATION
THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.