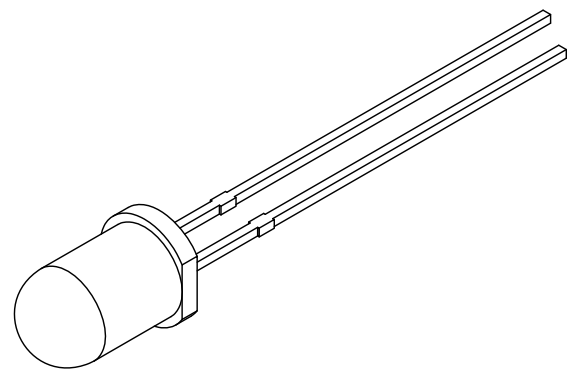
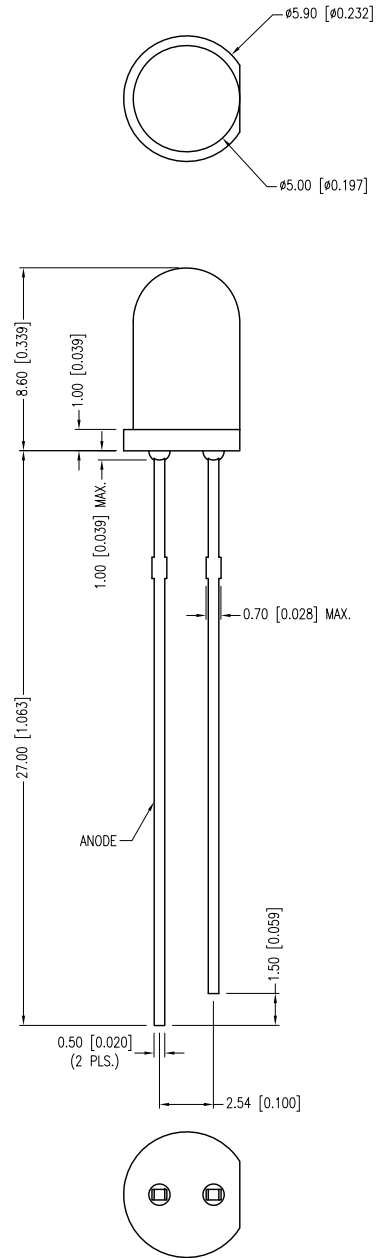


| PART NUMBER | SSL-LX5093GD-12V | REV. | D |
|-------------|-------------------------------------|------|------|
| DATE | E.C.N. NUMBER AND REVISION COMMENTS | | REV. |
| 06.04.94 | REDRAWN. | | A |
| 05.29.01 | E.C.N. #10BRDR. & REDRAWN IN 3D. | | B |
| 10.19.06 | E.C.N. #11148 | | C |
| 02.01.12 | E.C.N. #10BRDR. & REDRAWN. | | D |



ELECTRO-OPTICAL CHARACTERISTICS $T_a=25^\circ\text{C}$ $V_f=12\text{V}$

| PARAMETER | MIN | TYP | MAX | UNITS | TEST COND |
|--------------------|----------------|------|------|----------|----------------|
| PEAK WAVELENGTH | | 565 | | nm | |
| FORWARD VOLTAGE | | 12.0 | 14.0 | Vf | |
| REVERSE VOLTAGE | 5.0 | | | Vr | Ir=100 μ A |
| AXIAL INTENSITY | | 20 | | mcd | Vf=12V |
| 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 | 14 | V |
| 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} PRECISION MAX.= ^{0.00} _{-0.00} DECIMAL PRECISION



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QUASARBRITE T-5mm (T-1 3/4) 565nm GREEN LED, GREEN DIFFUSED LENS, 12 VOLT OPERATION.

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

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| | | | |
|--------|-----------|-----------|----|
| DATE: | 02.01.12 | DRAWN BY: | AB |
| PAGE: | 1 OF 1 | CHKD BY: | KF |
| SCALE: | NTS | APRVD BY: | KF |
| UNIT: | mm [INCH] | | Ⓟ |