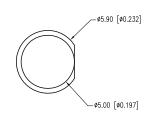
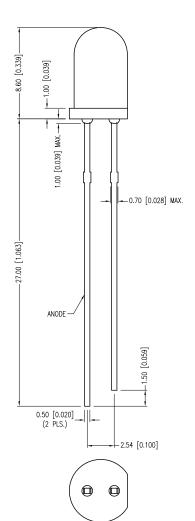
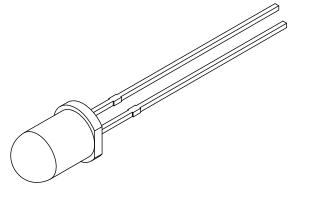
UNCONTROLLED DOCUMENT







| | PART NUMBER | SSL-LX5093SRT | REV. | О |
|---|-------------|-------------------------------------|------|------|
| 1 | DATE | E.C.N. NUMBER AND REVISION COMMENTS | | REV. |
| | 05.31.01 | E.C.N. #10BRDR. & REDRAWN. | | Α |
| | 10.25.06 | 10.25.06 E.C.N. #11148. | | В |
| | 09.27.12 | E.C.N. #10BRDR. & REDRAWN. | | С |

EPOXY LENS FINISH: RED TRANSPARENT

ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA PARAMETER TYP UNITS TEST COND PEAK WAVELENGTH 660 FORWARD VOLTAGE 1.7 2.2 Vf REVERSE VOLTAGE 5.0 Vr Ir=100µA AXIAL INTENSITY 400 If=20mA mcd VIEWING ANGLE 30 2x theta EMITTED COLOR: RED

| LIMITS OF SAFE OPERATION AT 25°C | | |
|----------------------------------|------------|-------|
| PARAMETER | MAX | UNITS |
| PEAK FORWARD CURRENT* | 155 | mA |
| STEADY CURRENT | 30 | mA |
| POWER DISSIPATION | 100 | 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 | | |

09.27.12

NTS

mm [INCH]

1 OF

PAGE:

SCALE:

UNIT:

DRAWN BY:

CHKD BY:

APRVD BY:

(Pb)

AΒ

KF

KF

*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.= $^{+0.00}_{-0.00}$ MAX.= $^{+0.00}_{-0.00}$ PRECISION MAX.= $^{+0.00}_{-0.00}$ MAX. UNCONTROLLED DOCUMENT DATE:



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) 660nm SUPER RED LED, RED TRANSPARENT LENS.

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

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