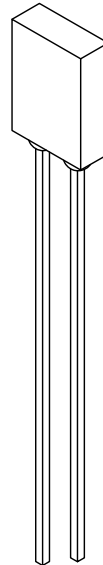
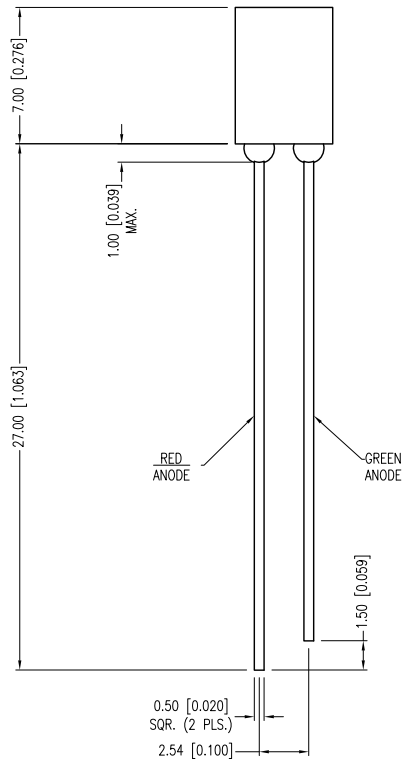
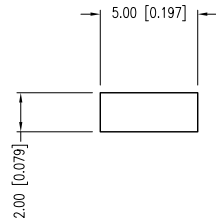


| | | | |
|-------------|-------------------------------------|------|------|
| PART NUMBER | SSL-LX2573IGW | REV. | A |
| DATE | E.C.N. NUMBER AND REVISION COMMENTS | | REV. |
| 12.06.12 | E.C.N. #10BRDR. & REDRAWN. | | A |

[A]



ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA

| PARAMETER | MIN | TYP | MAX | UNITS | TEST COND |
|-----------------------|----------------------|---------|---------|----------|-----------|
| PEAK WAVELENGTH (R/G) | | 635/565 | | nm | |
| FORWARD VOLTAGE (R/G) | | 2.0/2.2 | 2.5/2.6 | Vf | |
| REVERSE VOLTAGE | 5.0 | | | Vr | If=100µA |
| AXIAL INTENSITY | | 10 | | mcd | If=20mA |
| VIEWING ANGLE | | 110 | | 2x theta | |
| EMITTED COLOR | RED/GREEN | | | | |
| LENS FINISH: | MILKY WHITE DIFFUSED | | | | |

LIMITS OF SAFE OPERATION AT 25°C

| PARAMETER | COLORS | MAX | UNITS |
|-----------------------|--------|------------|-------|
| PEAK FORWARD CURRENT* | | 150 | mA |
| STEADY CURRENT | (R/G) | 30/25 | 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} DECIMAL PRECISION MAX.= ^{+0.00}/_{-0.00} DECIMAL PRECISION

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2mm x 5mm RECTANGULAR BICOLOR LED, 635nm RED/565nm GREEN, MILKY WHITE DIFFUSED LENS.

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

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|--------|-----------|-----------|----|
| DATE: | 12.06.12 | DRAWN BY: | MA |
| PAGE: | 1 OF 1 | CHKD BY: | DT |
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