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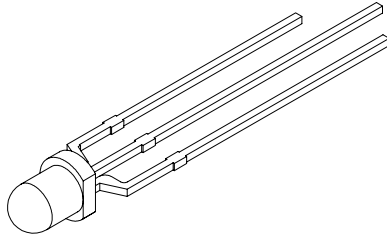
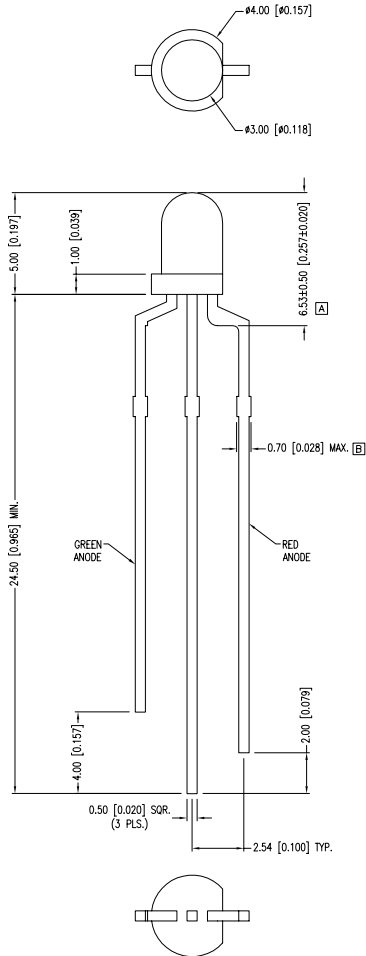
[Lumex, Inc.](#)
[SSL-LX3059SISUGW](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

UNCONTROLLED DOCUMENT

| | | | |
|-------------|-------------------------------------|------|------|
| PART NUMBER | SSL-LX3059SISUGW | REV. | B |
| DATE | E.C.N. NUMBER AND REVISION COMMENTS | | REV. |
| 04.30.07 | E.C.N. #11412 | | A |
| 05.23.11 | E.C.N. #11723/#10BRDR. & REDRAWN. | | B |



[B] ELECTRO-OPTICAL CHARACTERISTICS TA = 25°C If = 20mA

| PARAMETER | MIN | TYP | MAX | UNITS | TEST COND |
|-----------------------|----------------------|---------|-----|----------|-----------|
| PEAK WAVELENGTH (R/G) | | 650/574 | | nm | |
| FORWARD VOLTAGE (R/G) | | 1.9/2.1 | 2.6 | Vf | If=100µA |
| REVERSE VOLTAGE (R/G) | 5.0 | | | Vr | |
| AXIAL INTENSITY (R/G) | 450/80 | 900/80 | | md | If=20mA |
| VIEWING ANGLE | | 60 | | 2x theta | |
| EMITTED COLOR: | RED/GREEN | | | | |
| EPOXY LENS FINISH: | MILKY WHITE DIFFUSED | | | | |

[B] LIMITS OF SAFE OPERATION AT 25°C

| PARAMETER | MAX | UNITS |
|-----------------------------|------------|-----------|
| PEAK FORWARD CURRENT* (R/G) | 185/150 | mA |
| STEADY CURRENT | 30 | mA |
| POWER DISSIPATION | 75 | mW |
| DERATE FROM 25°C | -1.6 | mW/°C |
| OPERATING TEMP. | -40 TO +85 | °C |
| STORAGE TEMP. | -40 TO +85 | °C |
| SOLDERING TEMP. | +260 | °C |
| 2.0mm FROM BODY | 3 | SEC. MAX. |

* 1τ10µS

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030), MIN= +DECIMAL PRECISION MAX.= -DECIMAL PRECISION UNCONTROLLED DOCUMENT

LUMEX
Creating LED and LCD Solutions Together™

290 E. HELEN ROAD
PALATINE, IL 60067-6976
PHONE: +1.847.359.2790
FAX: +1.847.359.6538
WEB: WWW.LUMEX.COM

T-3mm TRI-LEAD BICOLOR LED, 650/574nm SUPER RED/GREEN, COMMON CATHODE, WHITE DIFFUSED LENS.

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

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|--------|-----------|-----------|----|
| DATE: | 05.23.11 | DRAWN BY: | AB |
| PAGE: | 1 OF 1 | CHKD BY: | JD |
| SCALE: | NTS | APRVD BY: | BC |
| UNIT: | mm [INCH] | | |