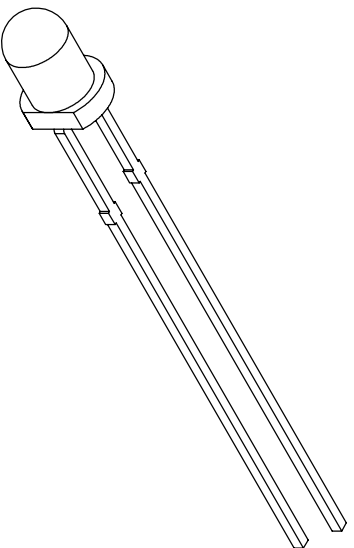




**THE DATASHEET OF
SSL-LX3054GD-12V**



| | | | | |
|-------------|-------------------------------------|--|------|---|
| PART NUMBER | SSL-LX3054GD-12V | | REV. | B |
| DATE | E.C.N. NUMBER AND REVISION COMMENTS | | REV. | |
| 04.09.01 | E.C.N. #10BRDR. & REDRAWN IN 3D. | | REV. | A |
| 05.19.11 | E.C.N. #11719/10BRDR. & REDRAWN. | | REV. | B |



[B] ELECTRO-OPTICAL CHARACTERISTICS TA = 25°C V_F=12V

| PARAMETER | MIN | TP2 | MAX | UNITS | TEST COND |
|--------------------|----------------|------|------|----------------|------------------------|
| PEAK WAVELENGTH | | 565 | | nm | |
| FORWARD VOLTAGE | | 12.0 | 14.0 | V _F | I _F =1000μA |
| REVERSE VOLTAGE | 5.0 | | | V _R | V _F =12V |
| AXIAL INTENSITY | 12 | 20 | | md | |
| VIEWING ANGLE | | 50 | | 2x theta | |
| EMITTED COLOR: | GREEN | | | | |
| EPOXY LENS FINISH: | GREEN DIFFUSED | | | | |

[B] LIMITS OF SAFE OPERATION AT 25°C

| PARAMETER | MAX | UNITS |
|----------------------|------------|-----------|
| PEAK FORWARD VOLTAGE | 14 | V |
| STEADY CURRENT | 12 | mA |
| POWER DISSIPATION | 120 | mW |
| DERATE FROM 25°C | -1.6 | mW/°C |
| OPERATING TEMP.: | -40 TO +70 | °C |
| STORAGE TEMP.: | -40 TO +85 | °C |
| SOLDERING TEMP.: | +260 | °C |
| 2.0mm FROM BODY | 3 | SEC. MAX. |

X±1 (+0.039), X-X±0.5 (+0.020), X-XX±0.25 (+0.010), XXX±0.127 (+0.005), LEAD SIZE±0.05 (+0.002), LEAD LENGTH±0.75 (+0.030), MIN±0.001 DECI-MAL PRECISION
 HELEN ROAD
 E. I. L 60067-6976
 +1.847.359.2790
 WWW.LUMEX.COM

T-3mm (T-1) 565nm GREEN LED, GREEN DIFFUSED LENS, 12V OPERATION.
 THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT
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UNCONTROLLED DOCUMENT
 DATE: 05.19.11 DRAWN BY: AB
 PAGE: 1 OF 1 CHKD BY: BC
 SCALE: NTS APRVD BY: KF
 UNIT: mm [INCH]



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