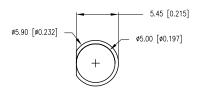
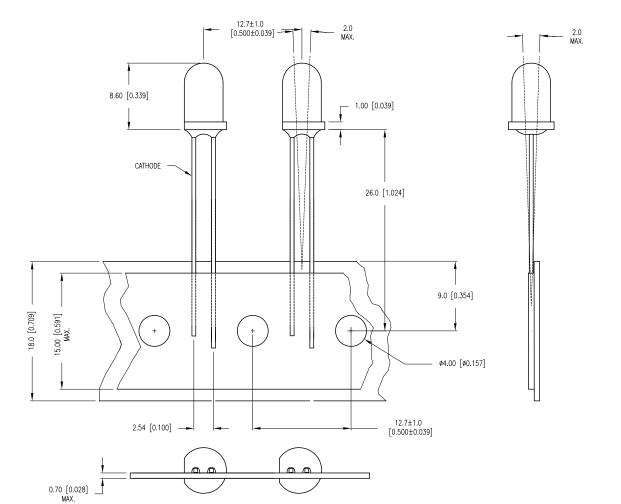
UNCONTROLLED DOCUMENT





| PART NUMBER | SSL-LX5093GC-TR26 | REV. | В |
|-------------|-------------------------------------|------|------|
| DATE | E.C.N. NUMBER AND REVISION COMMENTS | | REV. |
| 10.19.06 | E.C.N. #11148 | | Α |
| 02.01.12 | E.C.N. #10BRDR. & REDRAWN. | | В |

| ELECTRO-OPTICAL CH | HARACTERISTICS Ta=25°C | If=20mA | | | |
|--------------------|------------------------|---------|-----|----------|-------------|
| PARAMETER | MIN | TYP | MAX | UNITS | TEST COND |
| PEAK WAVELENGTH | | 565 | | nm | |
| FORWARD VOLTAGE | | 2.2 | 2.6 | Vf | |
| REVERSE VOLTAGE | 5.0 | | | Vr | ام Ir=100 ا |
| AXIAL INTENSITY | | 50 | | mcd | If=20mA |
| VIEWING ANGLE | | 30 | | 2x theta | |
| EMITTED COLOR: | GREEN | | | | |
| FPOXY LENS FINISH: | WATER CLEAR | | | | |

| IMITS OF SAFE OPERATION AT 25°C | | |
|---------------------------------|------------|-------|
| PARAMETER | MAX | UNITS |
| PEAK FORWARD CURRENT* | 150 | mA |
| STEADY CURRENT | 25 | mA |
| POWER DISSIPATION | 105 | mW |
| DERATE FROM 25°C | -1.2 | mW/*C |
| PERATING TEMP. | -40 TO +85 | •C |
| STORAGE TEMP. | -40 TO +85 | •C |
| SOLDERING TEMP. | +260 | *C |
| .0mm FROM BODY | 3 | SEC. |
| | | |

* t<10µS

NOTES:

1. 1,000 PCS. PER REEL.

*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 (±0.002), LEAD SIZE=±0.05 (±0.003). MIN= $^{+DECIMAL}_{-0.00}$ PRECISION MAX.= $^{+0.00}_{-0.00}$ PRECISIO



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TAPE FEED DIRECTION

QUASARBRITE T-5mm (T-1 3/4) 565nm GREEN LED, WATER CLEAR LENS, TAPE AND REEL.

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

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

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