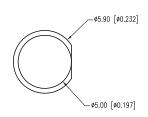
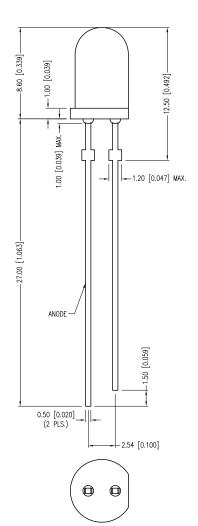
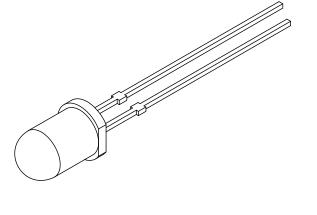
UNCONTROLLED DOCUMENT







| PART NUMBER | SSL-LX5093HD-125                    | REV. | R    |
|-------------|-------------------------------------|------|------|
| DATE        | 002 2/(0000118 120                  | 114. | 00/  |
| 01112       | E.C.N. NUMBER AND REVISION COMMENTS |      | REV. |
|             | E.C.N. #11148                       |      | Α    |
| 02.08.12    | E.C.N. #10BRDR. & REDRAWN.          |      | В    |

ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA PARAMETER TYP UNITS TEST COND 700 PEAK WAVELENGTH FORWARD VOLTAGE 2.25 2.5 Vf REVERSE VOLTAGE 5.0 Vr Ir=100µA AXIAL INTENSITY 6 If=20mA mcd VIEWING ANGLE 30 2x theta EMITTED COLOR: RED EPOXY LENS FINISH: RED DIFFUSED

| LIMITS OF SAFE OPERATION AT 25°C |            |       |
|----------------------------------|------------|-------|
| PARAMETER                        | MAX        | UNITS |
| PEAK FORWARD CURRENT*            | 130        | mA    |
| STEADY CURRENT                   | 25         | mA    |
| POWER DISSIPATION                | 63         | 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.  |
| * 1 ×10 · C                      |            |       |



CAZÓ N. GARY AVE.

CAROL STREAM, IL 60188-4900
PHONE: +1.800.278.5666
FAX: +1.630.315.2152
WEB: WWW.LUMEX.COM
MEMBER OF TW PHOTONICS GROUP

QUASARBRITE T-5mm (T-1 3/4) 700nm RED LED, RED DIFFUSED LENS, WITH STANDOFFS.

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

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DATE: 02.08.12 DRAWN BY: AB

PAGE: 1 OF 1 CHKD BY: KF

SCALE: NTS APRVD BY: KF

UNIT: mm [INCH]