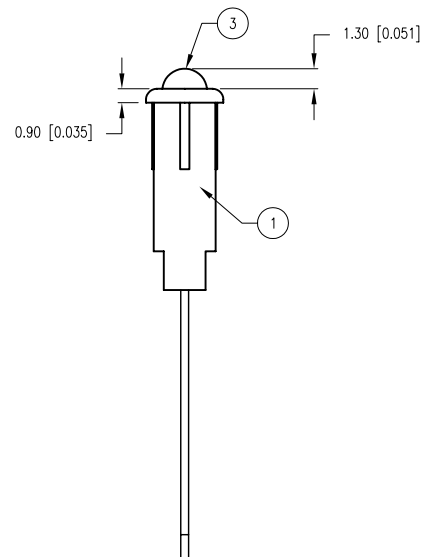
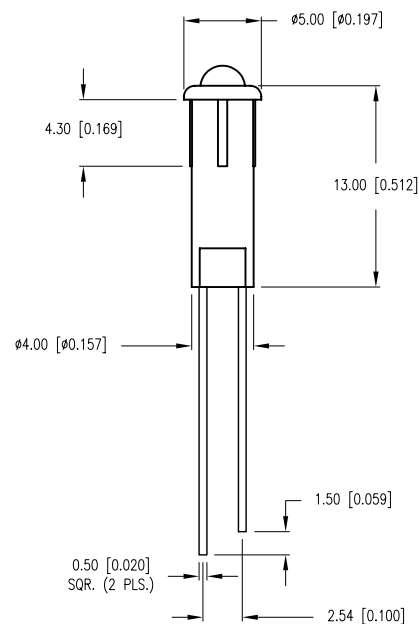


| PART NUMBER | SSI-LXH312GD                        | REV. | C    |
|-------------|-------------------------------------|------|------|
| DATE        | E.C.N. NUMBER AND REVISION COMMENTS |      | REV. |
| 05.12.95    | UPDATED SPECS.                      |      | A    |
| 06.05.96    | UPDATED SPECS.                      |      | B    |
| 09.21.11    | E.C.N. #10BRDR. & REDRAWN.          |      | C    |



| ELECTRO-OPTICAL CHARACTERISTICS 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       | Ir=100μA  |
| AXIAL INTENSITY                                 |                | 30  |     | mcd      | If=20mA   |
| VIEWING ANGLE                                   |                | 60  |     | 2x theta |           |
| EMITTED COLOR:                                  | GREEN          |     |     |          |           |
| EPOXY LENS FINISH:                              | GREEN DIFFUSED |     |     |          |           |

| LIMITS 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     |
| OPERATING TEMP.                  | -40 TO +85 | °C        |
| STORAGE TEMP.                    | -40 TO +85 | °C        |
| SOLDERING TEMP.                  | +260       | °C        |
| 2.0mm FROM BODY                  | 3          | SEC. MAX. |

\* t&lt;10μS

## NOTES:

- SSH-LXH3121 HOLDER. MATERIAL: BLACK NYLON 94V-0.
- MOUNTING HOLE: .170 - .174" DIA.
- SSL-LX3044GD LED.
- UV ADHESIVE FOR RETENTION OF LED.

\*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 PRECISION -0.00 MAX.= +0.00 -DECIMAL PRECISION

UNCONTROLLED DOCUMENT



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T-3 (T-1) LED, PANEL INDICATOR, GREEN DIFFUSED.

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

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|        |           |           |    |
|--------|-----------|-----------|----|
| DATE:  | 09.21.11  | DRAWN BY: | AB |
| PAGE:  | 1 OF 1    | CHKD BY:  | KF |
| SCALE: | NTS       | APRVD BY: | SS |
| UNIT:  | mm [INCH] |           | Ⓟ  |

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