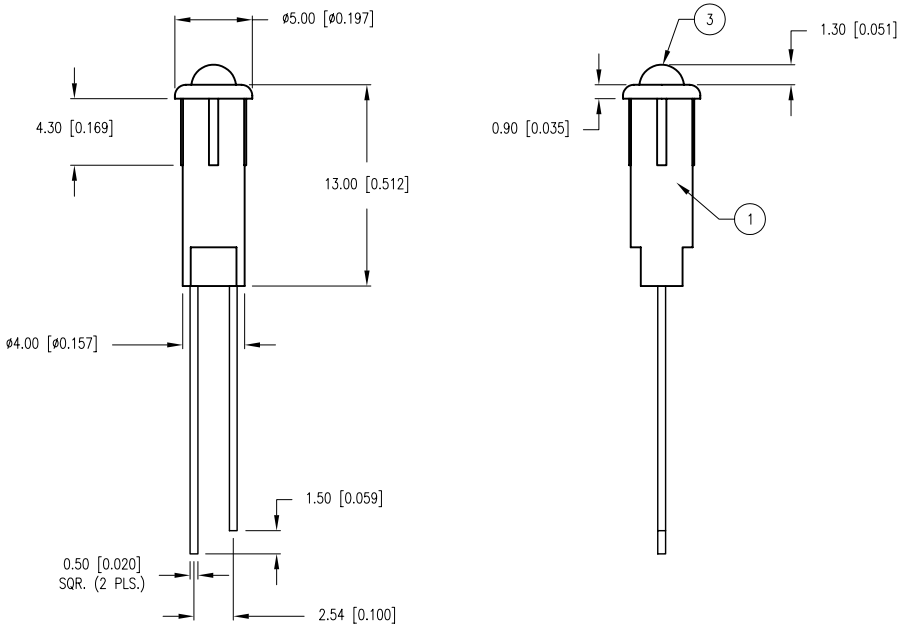
| PART NUMBER | SSI-LXH312GD | REV. | C |
|---|---|---|---|

| 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<10µS

NOTES:

1. SSH-LXH3121 HOLDER. MATERIAL: BLACK NYLON 94V-0.
2. MOUNTING HOLE: .170 - .174" DIA.
3. SSL-LX3044GD LED.
4. 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= $^{+\text{DECIMAL PRECISION}}_{-0.00}$ MAX.= $^{+0.00}_{-\text{DECIMAL PRECISION}}$

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.**



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