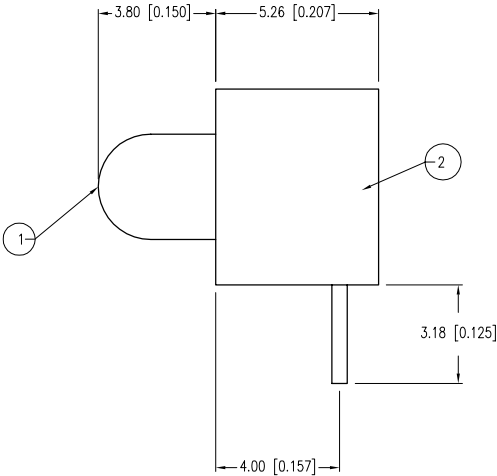
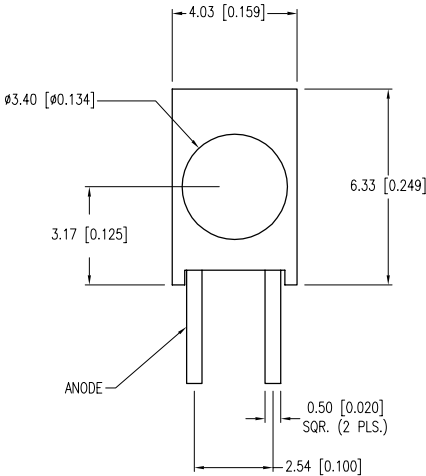


| PART NUMBER | SSF-LXH303LGD-04                    | REV. | G    |
|-------------|-------------------------------------|------|------|
| DATE        | E.C.N. NUMBER AND REVISION COMMENTS |      | REV. |
| 11.03.92    | UPDATED ELECT. SPECS.               |      | A    |
| 11.04.92    | EDITED DIMS.                        |      | B    |
| 12.08.93    | CHG'D LEAD LENGTH.                  |      | C    |
| 12.16.93    | REMOVED MAX FROM DIMS.              |      | D    |
| 10.12.94    | UPDATED SAFE OPER. SPECS./          |      | E    |
| 09.02.98    | E.C.N. #10BRDR. & REDRAWN.          |      | F    |
| 06.23.11    | E.C.N. #10BRDR.                     |      | G    |



| ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C |                |     | If=20mA |          |          |
|-----------------------------------------|----------------|-----|---------|----------|----------|
| PARAMETER                               | MIN            | TYP | MAX     | UNITS    | UNITS    |
| PEAK WAVELENGTH                         |                | 565 |         | nm       |          |
| FORWARD VOLTAGE                         |                | 2.2 | 2.6     | Vf       |          |
| REVERSE VOLTAGE                         | 5.0            |     |         | Vr       | Ir=100µA |
| AXIAL INTENSITY                         | 1.0            | 30  |         | mcd      | If=20mA  |
|                                         |                |     |         | mcd      | If=2mA   |
| VIEWING ANGLE                           |                | 60  |         | 2x theta |          |
| EMITTED COLOR:                          | GREEN          |     |         | °C       |          |
| 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                 | -1.6       | 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:

- SSL-LX306F4LGD, LOW CURRENT GREEN LED.
- SSH-LXH303 HOLDER, BLACK NYLON, UL 94V-0.

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

|                                                                                                                                             |                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                          |  |                 |              |
|---------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|-----------------|--------------|
|  <b>LUMEX</b><br>Creating LED and LCD Solutions Together™ | 290 E. HELEN ROAD<br>PALATINE, IL 60067-6976<br>PHONE: +1.847.359.2790<br>FAX: +1.847.359.6538<br>WEB: WWW.LUMEX.COM | T-3mm (T-1) LED FAULT INDICATOR, 5G5nm GREEN LED, GREEN DIFFUSED LENS, LOW CURRENT.                                                                                                                                                                                                                                                                      |  | DATE: 06.23.11  | DRAWN BY: AB |
|                                                                                                                                             |                                                                                                                      | **THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.**                                                                                                                                                                                                                                                |  | PAGE: 1 OF 1    | CHKD BY: SS  |
|                                                                                                                                             |                                                                                                                      | CONFIDENTIAL INFORMATION<br>THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES. |  | SCALE: NTS      | APRVD BY: SS |
|                                                                                                                                             |                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                          |  | UNIT: mm [INCH] | Ⓟ            |