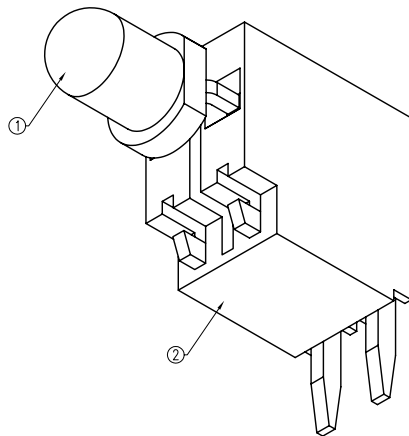
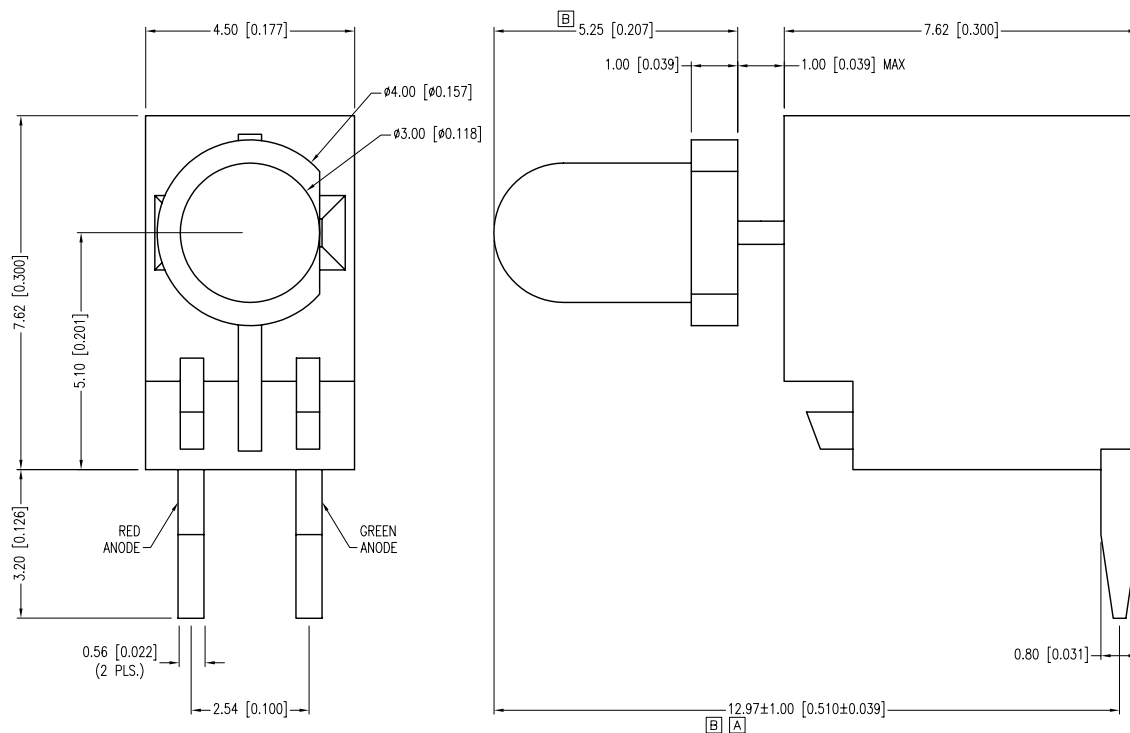


| PART NUMBER | SSF-LXH4RAHGW                       | REV. | B    |
|-------------|-------------------------------------|------|------|
| DATE        | E.C.N. NUMBER AND REVISION COMMENTS |      | REV. |
| 07.05.95    | UPDATED SPEC. & DIMS WHERE NOTED.   |      | A    |
| 10.18.11    | E.C.N. #11763/10BRDR. & REDRAWN.    |      | B    |



| ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA |                      |         |         |          |           |
|-------------------------------------------------|----------------------|---------|---------|----------|-----------|
| PARAMETER                                       | MIN                  | TYP     | MAX     | UNITS    | TEST COND |
| PEAK WAVELENGTH (R/G)                           |                      | 700/565 |         | nm       |           |
| FORWARD VOLTAGE (R/G)                           |                      | 2.0/2.2 | 2.5/2.6 | Vf       |           |
| REVERSE VOLTAGE                                 | 5.0                  |         |         | Vr       | If=100μA  |
| AXIAL INTENSITY (R/G)                           |                      | 3/20    |         | mcd      | If=20mA   |
| VIEWING ANGLE                                   |                      | 60      |         | 2x theta |           |
| EMITTED COLOR:                                  | RED/GREEN            |         |         |          |           |
| EPOXY LENS FINISH:                              | MILKY WHITE DIFFUSED |         |         |          |           |

## LIMITS OF SAFE OPERATION AT 25°C

| PARAMETER               | MAX        | UNITS |
|-------------------------|------------|-------|
| PEAK FORWARD CURRENT*   | 150        | mA    |
| STEADY CURRENT          | 25         | mA    |
| POWER DISSIPATION (R/G) | 120/105    | mW    |
| DERATE FROM 25°C        | -1.3       | mW/°C |
| OPERATING TEMP.         | -40 TO +85 | °C    |
| STORAGE TEMP.           | -40 TO +85 | °C    |
| SOLDERING TEMP.         | +260       | °C    |
| 2.0mm FROM BODY         | 3          | SEC.  |

\* t&lt;10μs

## NOTES:

- SSL-LX3054HCW RED/GREEN LED.
- SSH-LXH4RA LAMP SOCKET.
- CUT LED LEADS 5mm LONG.
- ASSEMBLE IN SOCKET, POLARITY AS SHOWN.

\*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 -DECIMAL PRECISION

UNCONTROLLED DOCUMENT



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T-1 LAMP, 700/565nm RED/GREEN FAULT INDICATOR.

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

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|        |           |           |    |
|--------|-----------|-----------|----|
| DATE:  | 10.18.11  | DRAWN BY: | AB |
| PAGE:  | 1 OF 1    | CHKD BY:  | KF |
| SCALE: | NTS       | APRVD BY: | KF |
| UNIT:  | mm [INCH] |           | Ⓟ  |

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Components Supply Platform

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