ELECTRO-OPTICAL CHARACTERISTICS  $T_A=25^\circ\text{C}$   $V_f=28\text{V}$ 

| PARAMETER          | MIN            | TYP | MAX | UNITS         | TEST COND          |
|--------------------|----------------|-----|-----|---------------|--------------------|
| PEAK WAVELENGTH    |                | 525 |     | nm            |                    |
| FORWARD VOLTAGE    |                | 28  |     | V             |                    |
| FORWARD CURRENT    |                | 8.4 |     | mA            |                    |
| REVERSE CURRENT    | 5.0            |     |     | $\mu\text{A}$ | $V_r = 5\text{V}$  |
| AXIAL INTENSITY    |                | 500 |     | mcd           | $V_f = 28\text{V}$ |
| VIEWING ANGLE      |                | 60  |     | 2x theta      |                    |
| EMITTED COLOR:     | GREEN          |     |     |               |                    |
| EPOXY LENS FINISH: | GREEN DIFFUSED |     |     |               |                    |

LIMITS OF SAFE OPERATION AT  $25^\circ\text{C}$ 

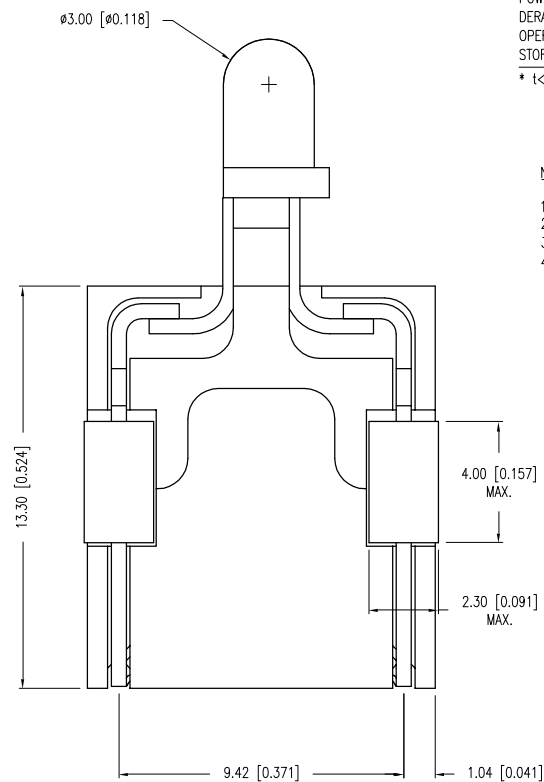
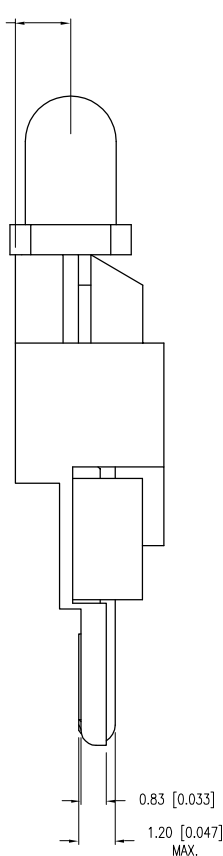
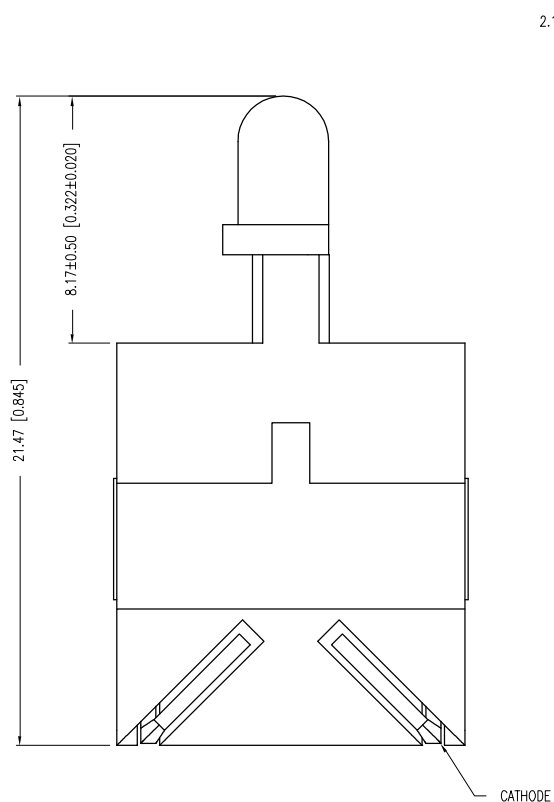
| PARAMETER                      | MAX        | UNITS            |
|--------------------------------|------------|------------------|
| PEAK FORWARD CURRENT*          | 30         | mA               |
| STEADY CURRENT                 | 10         | mA               |
| POWER DISSIPATION              | 200        | mW               |
| DERATE FROM $50^\circ\text{C}$ | 0.4        | mA               |
| OPERATING TEMP.                | -40 TO +85 | $^\circ\text{C}$ |
| STORAGE TEMP.                  | -40 TO +85 | $^\circ\text{C}$ |

\*  $t < 10\mu\text{s}$ 

## NOTES:

- SSH-LX1330 HOLDER.
- SSL-LX3054UPGD LED.
- METAL FILM RESISTOR  $1500\Omega$  1/4W (2 PLS).
- CUSTOMER PART # 28-6397-3.

CAUTION: STATIC SENSITIVE DEVICE  
FOLLOW PROPER E.S.D. HANDLING PROCEDURES  
WHEN WORKING WITH THIS PART.



\*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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## CUSTOM LED ASSEMBLY.

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

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| DATE:  | 01.27.10  | DRAWN BY: | JN  |
| PAGE:  | 1 OF 1    | CHKD BY:  | KF  |
| SCALE: | N/A       | APRVD BY: | BC  |
| UNIT:  | mm [INCH] |           | (R) |