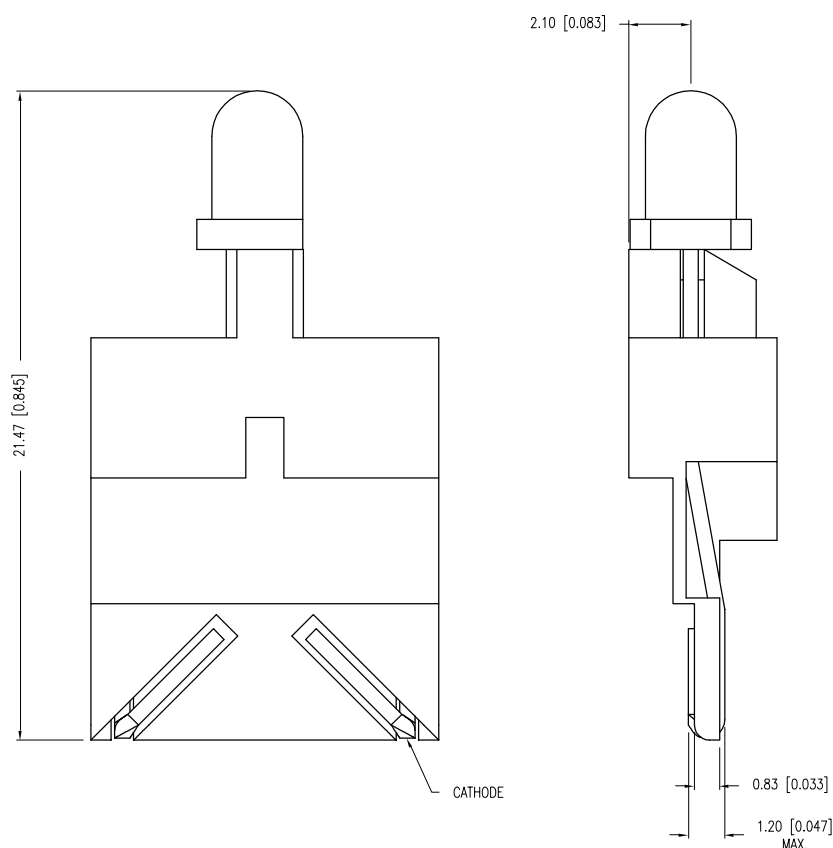
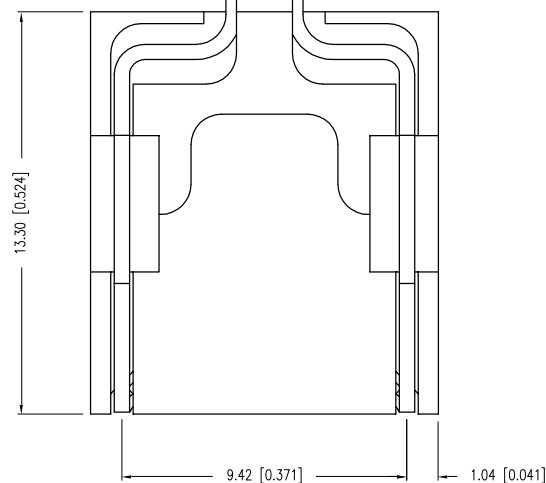


Ø3.00 [Ø0.118]



CATHODE

ELECTRO-OPTICAL CHARACTERISTICS  $T_A=25^{\circ}\text{C}$   $V_f=14\text{V}$ 

| PARAMETER          | MIN         | TYP  | MAX | UNITS    | TEST COND          |
|--------------------|-------------|------|-----|----------|--------------------|
| PEAK WAVELENGTH    |             | —    |     | nm       |                    |
| FORWARD VOLTAGE    |             | 14   | 16  | V        |                    |
| FORWARD CURRENT    |             | 8.8  |     | mA       |                    |
| REVERSE CURRENT    | 5.0         |      |     | µA       | $V_f = 5\text{V}$  |
| AXIAL INTENSITY    |             | 350  |     | mcd      | $V_f = 14\text{V}$ |
| CHROMACITY X       |             | 0.33 |     |          |                    |
| COORDINATES Y      |             | 0.34 |     |          |                    |
| VIEWING ANGLE      |             | 30   |     | 2x theta |                    |
| EMITTED COLOR:     | WHITE       |      |     |          |                    |
| EPOXY LENS FINISH: | WATER CLEAR |      |     |          |                    |

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

| PARAMETER                        | MAX        | UNITS              |
|----------------------------------|------------|--------------------|
| PEAK FORWARD CURRENT*            | 16         | mA                 |
| STEADY CURRENT                   | 10         | mA                 |
| POWER DISSIPATION                | 200        | mW                 |
| DERATE FROM $50^{\circ}\text{C}$ | 1.2        | 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-LX3054UWC LED.
- CUSTOMER PART # 28-6398-5 AND # 28-6399-5.

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



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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] |           | (P) |

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