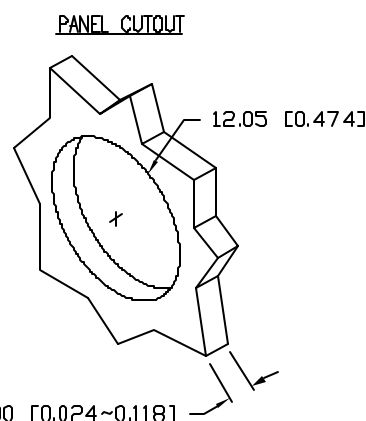
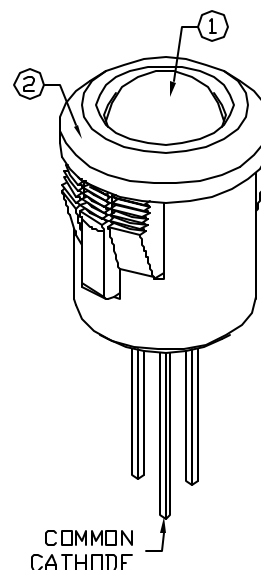
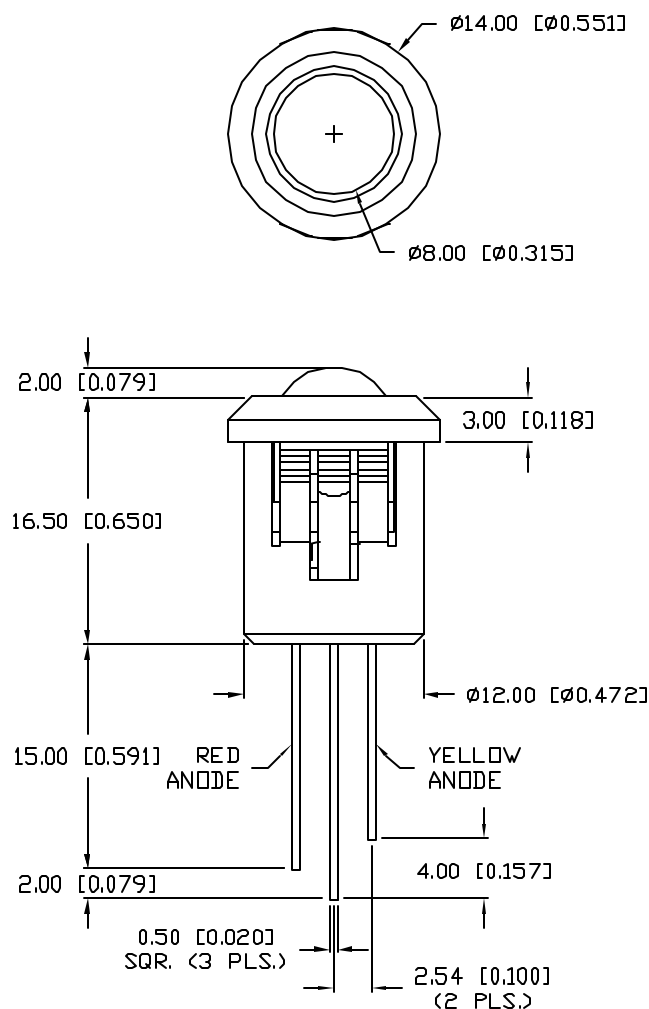


ELECTRO-OPTICAL CHARACTERISTICS  $T_A=25^\circ\text{C}$   $I_f=20\text{mA}$ 

| PARAMETER             | MIN                  | TYP          | MAX     | UNITS    | TEST COND            |
|-----------------------|----------------------|--------------|---------|----------|----------------------|
| PEAK WAVELENGTH       |                      | 638 (RED)    |         | nm       |                      |
|                       |                      | 590 (YELLOW) |         | nm       |                      |
| FORWARD VOLTAGE (R/Y) |                      | 2.0/2.1      | 2.5/2.5 | $V_f$    |                      |
| REVERSE VOLTAGE       | 5.0                  |              |         | $V_r$    | $I_r=100\mu\text{A}$ |
| AXIAL INTENSITY (R/Y) |                      | 200/50       |         | mcd      | $I_f=20\text{mA}$    |
| VIEWING ANGLE         |                      | 60           |         | 2x theta |                      |
| EMITTED COLOR:        | RED/YELLOW           |              |         |          |                      |
| EPOXY LENS FINISH:    | MILKY WHITE DIFFUSED |              |         |          |                      |

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

| PARAMETER                      | COLORS | MAX        | UNITS                |
|--------------------------------|--------|------------|----------------------|
| PEAK FORWARD CURRENT*          |        | 150        | mA                   |
| STEADY CURRENT (R/Y)           |        | 30/30      | mA                   |
| POWER DISSIPATION              |        | 105        | mW                   |
| DERATE FROM $25^\circ\text{C}$ |        | -1.2       | mW/ $^\circ\text{C}$ |
| OPERATING, STORAGE TEMP.       |        | -40 TO +85 | $^\circ\text{C}$     |
| SOLDERING TEMP.                |        | +260       | $^\circ\text{C}$     |
| 2.0mm FROM BODY                |        |            | 3 SEC. MAX           |

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

## NOTES:

1. SSL-LXB0119SISYW, RED/YELLOW LED.
2. SSH-RTF8080, BLACK HOLDER.
3. UV EPOXY TO RETAIN LED IN HOLDER.

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

REV.

PART NUMBER

SSI-LXH8080SISYW-3

T-8mm AlInGaP RED/YELLOW, 3 LEADED, PANEL INDICATOR,  
MILKY WHITE DIFFUSED LENS.

## CONFIDENTIAL INFORMATION

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## RELIABILITY NOTE

OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.



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SCALE: N/A