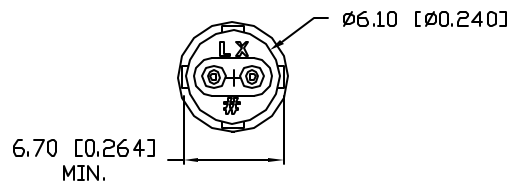
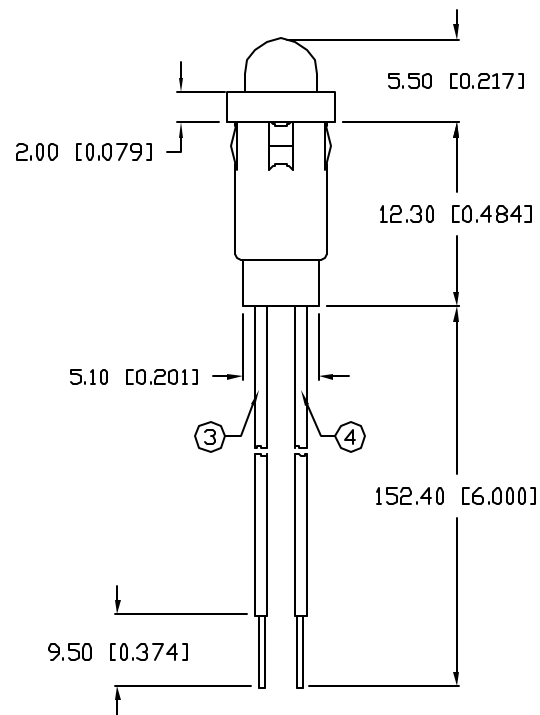
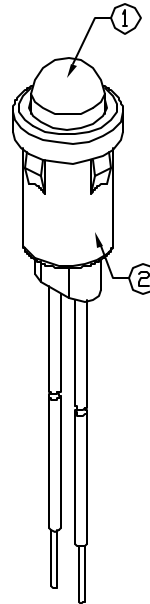


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$\phi 4.85$  [ $\phi 0.191$ ]       $\phi 7.30$  [ $\phi 0.287$ ]



PANEL HOLE:  $\phi 0.250$ "  
 PANEL THICKNESS: 0.030" MIN.



PART NUMBER  
SSI-LXH600YD-150

REV.  
E

| REV. | E.C.N. NUMBER AND REVISION COMMENTS | DATE     |
|------|-------------------------------------|----------|
| A    | UPDATED DIMMS.                      | 8.22.94  |
| B    | E.C.N. #10109.                      | 12.20.95 |
| C    | E.C.N. #10354.                      | 6.16.97  |
| D    | E.C.N. #10BRDR. & REDRAWN.          | 2.5.99   |
| E    | E.C.N. #10BRDR. & REDRAWN.          | 7.25.01  |

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

| PARAMETER          | MIN             | TYP | MAX | UNITS     | TEST COND            |
|--------------------|-----------------|-----|-----|-----------|----------------------|
| PEAK WAVELENGTH    |                 | 585 |     | nm        |                      |
| FORWARD VOLTAGE    |                 | 2.1 | 2.5 | $V_f$     |                      |
| REVERSE VOLTAGE    | 5.0             |     |     | $V_r$     | $I_f=100\mu\text{A}$ |
| AXIAL INTENSITY    |                 | 30  |     | mcd       | $I_f=20\text{mA}$    |
| VIEWING ANGLE      |                 | 60  |     | $2\theta$ |                      |
| EMITTED COLOR:     | YELLOW          |     |     |           |                      |
| EPOXY LENS FINISH: | YELLOW DIFFUSED |     |     |           |                      |

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

| PARAMETER                      | MAX        | UNITS                |
|--------------------------------|------------|----------------------|
| PEAK FORWARD CURRENT*          | 150        | mA                   |
| STEADY CURRENT                 | 30         | mA                   |
| POWER DISSIPATION              | 100        | 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-LX509F3YD LED.
2. SSH-LXH600 HOLDER, BLACK.
3. ANODE LEAD: LXP-WST24RDT0C, 24 AWG STRANDED, TOP OVERCOAT, RED INSULATION, CUT 160mm LONG, STRIP 4mm & 9.5mm.
4. CATHODE LEAD: LXP-WST24BLT0C, 24 AWG STRANDED, TOP OVERCOAT, BLACK INSULATION, CUT 160mm LONG, STRIP 4mm & 9.5mm.

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\*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.

E

PART NUMBER

SSI-LXH600YD-150

T-5mm (T-1 3/4) LED, PANEL MOUNT INDICATOR,  
 585nm YELLOW LED, YELLOW DIFFUSED LENS.  
 WITH 6" WIRE LEADS.

#### 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

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