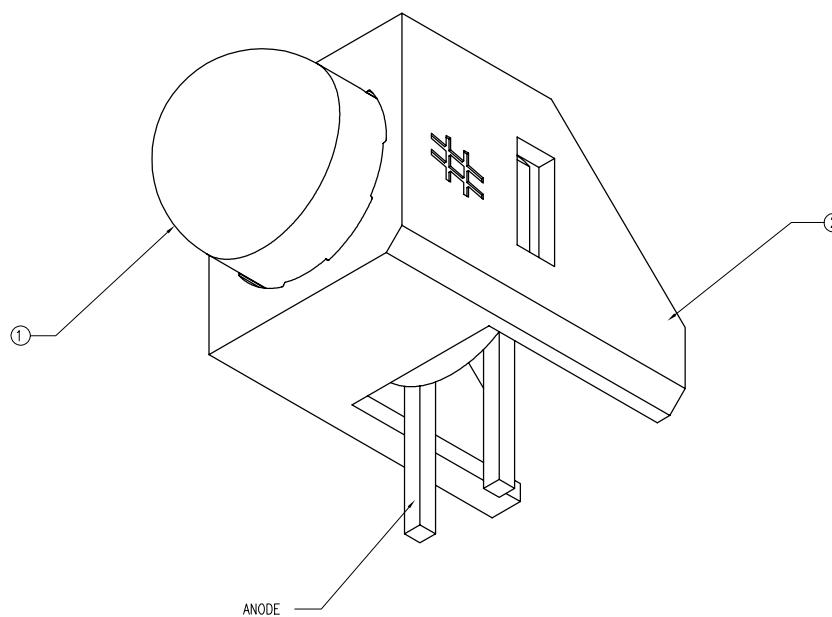
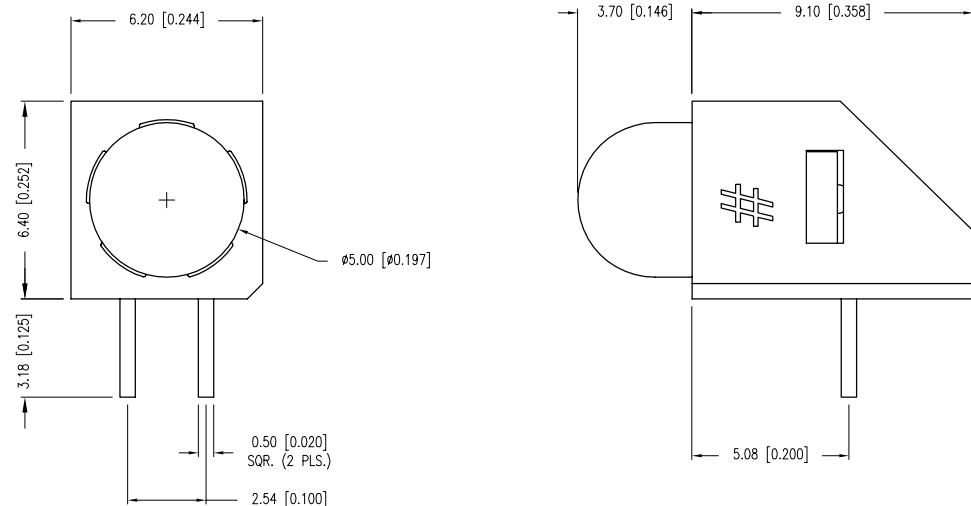


| PART NUMBER | SSF-LXH104YD | | | REV. | C |
|-------------|-------------------------------------|--|--|------|---|
| DATE | E.C.N. NUMBER AND REVISION COMMENTS | | | REV. | |
| 10.13.93 | CHG'D LEAD LENGTH. | | | A | |
| 07.29.95 | E.C.N. #10113 & 10207. | | | B | |
| 05.15.02 | E.C.N. #10BRDR. & REDRAWN IN 3D. | | | C | |



| 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 | $I_r=100\mu\text{A}$ |
| AXIAL INTENSITY | 30 | | | mcad | $I_f=20\text{mA}$ |
| VIEWING ANGLE | 60 | | | 2x theta | |
| EMITTED COLOR: | YELLOW | | | | |
| EPOXY LENS FINISH: | YELLOW DIFFUSED | | | | |

| LIMITS OF SAFE OPERATION AT 25°C | | |
|--|------------|----------------------|
| PARAMETER | MAX | UNITS |
| PEAK FORWARD CURRENT* | 150 | mA |
| STEADY CURRENT | 30 | mA |
| POWER DISSIPATION | 105 | mW |
| DERATE FROM 25°C | -1.2 | mW/ $^\circ\text{C}$ |
| OPERATING TEMP. | -40 TO +85 | $^\circ\text{C}$ |
| 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-LX5093YD, YELLOW LED.
2. SSH-LXH104, BLACK HOLDER.

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: $X=\pm 1$ (± 0.039), $X.X=\pm 0.5$ (± 0.020), $X.XX=\pm 0.25$ (± 0.010), $X.XXX=\pm 0.127$ (± 0.005). LEAD SIZE= ± 0.05 (± 0.002), LEAD LENGTH= ± 0.75 (± 0.030). MIN= $+\text{DECIMAL PRECISION}$ MAX= $+\text{0.00}$ UNCONTROLLED DOCUMENT



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T-5mm (T-1 3/4) LED, REAR LOADING PCB INDICATOR, 585nm YELLOW LED, YELLOW DIFFUSED LENS.

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

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| | |
|-----------------|--------------|
| DATE: 02.13.92 | DRAWN BY: BC |
| PAGE: 1 OF 1 | CHKD BY: - |
| SCALE: N/A | APRVD BY: JD |
| UNIT: mm [INCH] | PN: |

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