

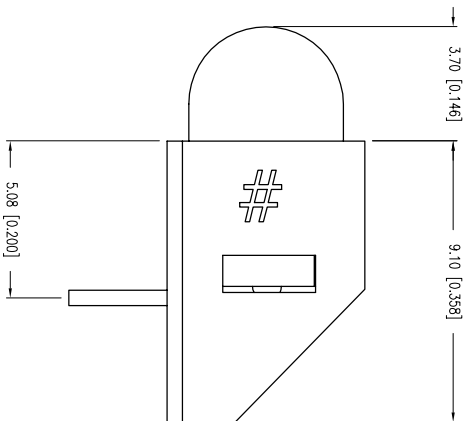


**THE DATASHEET OF  
SSF-LXH104YD**

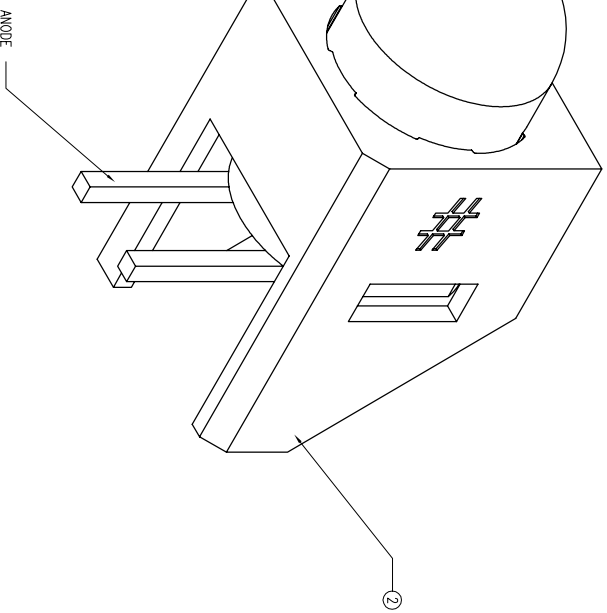


| PART NUMBER |                                     | SSF-LXH104YD |  | REV. | C    |
|-------------|-------------------------------------|--------------|--|------|------|
| DATE        | E.C.N. NUMBER AND REVISION COMMENTS |              |  |      | REV. |
| 10.13.93    | CHG'D LEAD LENGTH:        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

| ELECTRO-OPTICAL CHARACTERISTICS $I_A=25\text{mA}$ |                 |     |     |                 |                      |
|---|-----------------|-----|-----|-----------------|----------------------|
| PARAMETER   | MIN             | TYP | MAX | UNITS           | TEST COND            |
| PEAK WAVELENGTH                                   | 585             |     | 2.5 | nm              |                      |
| FORWARD VOLTAGE                                   | 2.1             |     |     | $V_f$           | $I_f=100\mu\text{A}$ |
| REVERSE VOLTAGE                                   | 5.0             |     |     | $V_r$           | $I_f=20\text{mA}$    |
| AXIAL INTENSITY                                   |                 | 30  |     | med             |                      |
| VIEWING ANGLE                                     |                 | 60  |     | $2\theta$ theta |                      |
| EMITTED COLOR:                                    | YELLOW          |     |     |                 |                      |
| EPOXY LENS FINISH:                                | YELLOW DIFFUSED |     |     |                 |                      |



65.00 [60.197]



| 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/°C      |
| OPERATING TEMP.                  | -40 TO +85 | °C         |
| STORAGE TEMP.                    | -40 TO +85 | °C         |
| SOLDERING TEMP.                  | +260       | °C         |
| 2.0mm FROM BODY                  |            | 3 SEC. MAX |
| * $t < 10\mu\text{S}$            |            |            |

- NOTES:
1. SSF-LXS03YD, YELLOW LED.
  2. SSF-LXH104, BLACK HOLDER.

HELEN ROAD  
 EL, IL 60067-6976  
 : +1.847.359.2790  
 1.847.359.6538  
 WWW.LUMEX.COM

±0.01 (±0.039), X.X=±0.6 (±0.020), X.XX=±0.25 (±0.010), XXX=±0.127 (±0.005), LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030), MIN.=<sup>+0.00</sup><sub>-0.00</sub> DECIMAL PRECISION, MAX.=<sup>+0.00</sup><sub>-0.00</sub> DECIMAL PRECISION

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

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

## Looking for pricing, stock, or lifecycle information?

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