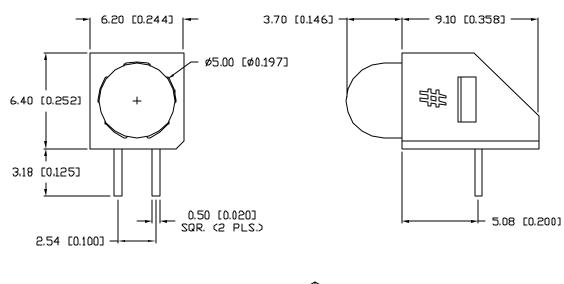
## UNCONTROLLED DOCUMENT

| PART NUMBER     |
|-----------------|
| SSF-LXH104SRD/D |



| ANDDE -/ |
|----------|

| ELECTRO-OPTICAL CH | l f= 20mA |       |     |          |                       |
|--------------------|-----------|-------|-----|----------|-----------------------|
| PARAMETER          | MIN       | TYP   | MAX | UNITS    | TEST COND             |
| PEAK WAVELENGTH    |           | 660   |     | nm       |                       |
| FORWARD VOLTAGE    |           | 1.7   | 2.2 | ٧f       |                       |
| REVERSE VOLTAGE    | 4.0       |       |     | ۷r       | I <sub>r</sub> =100μΑ |
| axial intensity    |           | 250   |     | mcd      | l f = 20mA            |
| VIEWING ANGLE      |           | 60    |     | 2x theta |                       |
| Emitted Color;     | RED       |       |     |          |                       |
| EPOXY LENS FINISH; | RED DIF   | FUSED |     |          |                       |

| PARAMETER                | MAX          | UNITS      |
|--------------------------|--------------|------------|
| PEAK FORWARD CURRENT*    | 150          | mA         |
| STEADY CURRENT           | 30           | mA         |
| POWER DISSIPATION        | 100          | mW         |
| DERATE FROM 25°C         | -1.2         | m₩/°C      |
| OPERATING, STORAGE TEMP. | - 40 TO + 85 | °Ċ         |
| SOLDERING TEMP.          | + 260        | •C         |
| 2.0mm FROM BODY          |              | 3 SEC, MAX |

## NOTES:

1. SSL-LX5093SRD/D, RED LED. 2. SSH-LXH104, BLACK HOLDER.

## UNCONTROLLED DOCUMENT \*UNLESS OTHERWISE SPECIFED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X,X=±0.5 (±0.020), X,XX=±0.25 (±0.010), X,XX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.012), LEAD LENGTH=±0.75 (±0.030), MN= +0.00 -0.00

| RE | v. part number<br>SSF—LXH104SRD/D  | <u>Confidential information</u><br>The information contained in this document is the property of<br>Lumex NC. EXCEPT as specifically authorized in writing by Lumex<br>INC, the Holder of this document shall keep all information<br>Contained Herein confidential and shall protect same in whole dr<br>In part from disclosure and dissemination of all throp parties. | Me Tecse Photosa To Wo | PAL<br>PHC<br>US | DNE: +1.847.35<br>WEB: www.lume | 6976<br>9.2790<br>x.com |                       |
|----|--|---|------------------------|------------------|---------------------------------|-------------------------|-----------------------|
|    | T-5mm (T-1 3/4) LED, REAR LOADING PCB INDICATOR,<br>660nm AlGaAs RED LED, RED DIFFVSED LENS. | Relability note<br>Relability note<br>Dur nany years of experience data accumulation indicate that<br>Solder heat is a major cause of early and future failure.<br>Please pay attention to your soldering process.  | DRAWN BY:              |                  | WEB: www.lume<br>APPROVED BY:   |                         | .24.02<br>OF 1<br>N/A |

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