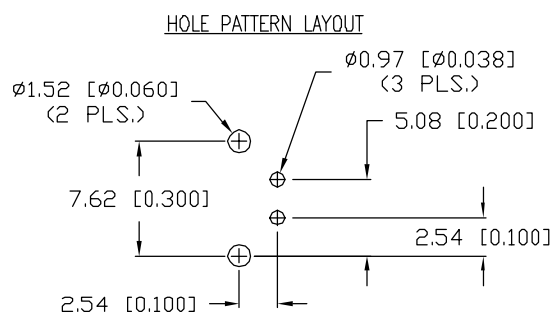
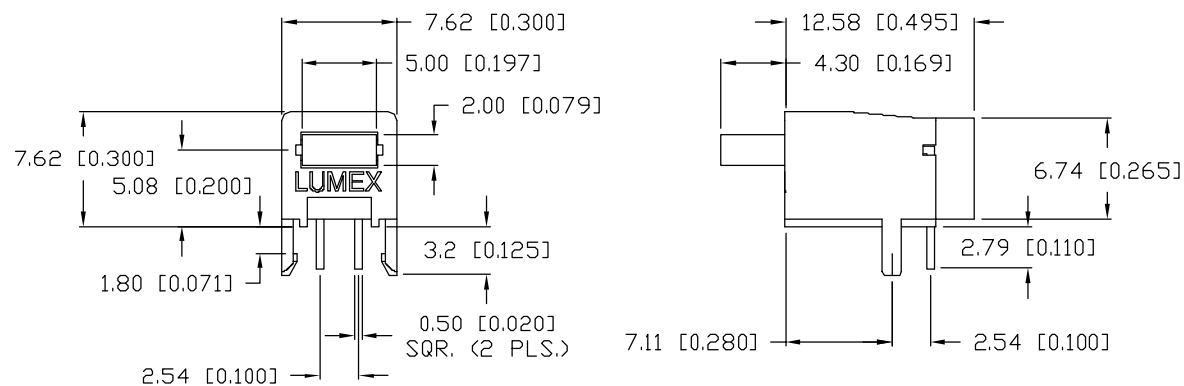


| ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20\text{mA}$ |                |     |     |          |                      |
|--------------------------------------------------------------------------|----------------|-----|-----|----------|----------------------|
| PARAMETER                                                                | MIN            | TYP | MAX | UNITS    | TEST COND            |
| PEAK WAVELENGTH                                                          |                | 574 |     | nm       |                      |
| FORWARD VOLTAGE                                                          |                | 2.2 | 2.6 | $V_f$    |                      |
| REVERSE VOLTAGE                                                          | 5.0            |     |     | $V_r$    | $I_r=100\mu\text{A}$ |
| AXIAL INTENSITY                                                          |                | 50  |     | mcd      | $I_f=20\text{mA}$    |
| VIEWING ANGLE                                                            |                | 110 |     | 2x theta |                      |
| EMITTED COLOR:                                                           | GREEN          |     |     |          |                      |
| EPOXY LENS FINISH:                                                       | GREEN DIFFUSED |     |     |          |                      |

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

| PARAMETER                      | MAX        | UNITS                |
|--------------------------------|------------|----------------------|
| PEAK FORWARD CURRENT*          | 150        | mA                   |
| STEADY CURRENT                 | 25         | 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:

- SSL-LX2573SUGD, GREEN LED.
- SSH-LXH2579 HOLDER, 94V-0 BLACK NYLON.

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

REV.

PART NUMBER

SSF-LXH2579SUGD

2mm x 5mm RECTANGULAR FAULT INDICATOR,  
574nm AlInGaP GREEN LED, GREEN 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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