



| ELECTRO-OPTICAL CHARACTERISTICS I <sub>A</sub> =25°C I <sub>F</sub> =20mA |                 |     |     |                     |                       |
|---|-----------------|-----|-----|---------------------|-----------------------|
| PARAMETER   | MIN             | TYP | MAX | UNITS               | TEST COND             |
| PEAK WAVELENGTH   |                 | 610 |     | nm                  |                       |
| FORWARD VOLTAGE   |                 | 2.0 | 2.5 | V <sub>F</sub>      | I <sub>F</sub> =100μA |
| REVERSE VOLTAGE   |                 | 5.0 |     | V <sub>R</sub>      | I <sub>F</sub> =20mA  |
| AXIAL INTENSITY   |                 | 100 |     | mcad                |                       |
| VIEWING ANGLE   |                 | 60  |     | 2x θ <sub>1/2</sub> |                       |
| EMITTED COLOR:  | ORANGE          |     |     |                     |                       |
| EPOXY LENS FINISH:  | ORANGE DIFFUSED |     |     |                     |                       |

LIMITS OF SAFE OPERATION AT 25°C

| PARAMETER                | MAX        | UNITS      |
|--------------------------|------------|------------|
| PEAK FORWARD CURRENT*    | 150        | mA         |
| STEADY CURRENT           | 30         | mA         |
| POWER DISSIPATION        | 100        | mW         |
| DERATE FROM 25°C         | -1.5       | mW/°C      |
| OPERATING, STORAGE TEMP. | -40 TO +85 | °C         |
| SOLDERING TEMP.          | +260       | °C         |
| 2.0mm FROM BODY          |            |            |
| * t<10μs                 |            | 3 SEC. MAX |

NOTES:

1. SSL-LX3044SOD LED, SUPER ORANGE LED.
2. SSH-LXH304 HOLDER, BLACK.

\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±0.127 (±0.005).

LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030), UNITS = DECIMAL PRECISION MAX. = +0.00

REV.

PART NUMBER

SSF-LXH304SOD

T-3mm (T-1) RIGHT ANGLE FAULT INDICATOR,  
610nm SUPER ORANGE LED, ORANGE DIFFUSED.

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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