



ELECTRO-OPTICAL CHARACTERISTICS I_A=25°C I_F=20mA

| PARAMETER | MIN | TYP | MAX | UNITS | TEST COND |
|--------------------|-----|----------------|-----|----------------|-----------------------|
| PEAK WAVELENGTH | | 572 | | nm | |
| FORWARD VOLTAGE | | 2.2 | 2.8 | V _F | |
| REVERSE VOLTAGE | 5.0 | | | V _R | I _F =100µA |
| AXIAL INTENSITY | | 25 | | mcd | I _F =20mA |
| VIEWING ANGLE | | 60 | | 2x theta | |
| EMITTED COLOR: | | GREEN | | | |
| EPOXY LENS FINISH: | | GREEN DIFFUSED | | | |

LIMITS OF SAFE OPERATION AT 25°C

| PARAMETER | MAX | UNITS |
|--------------------------|------------|------------|
| PEAK FORWARD CURRENT* | 200 | mA |
| STEADY CURRENT | 30 | mA |
| POWER DISSIPATION | 100 | mW |
| DERATE FROM 25°C | -1.2 | mW/°C |
| OPERATING, STORAGE TEMP. | -40 TO +85 | °C |
| SOLDERING TEMP. | +260 | °C |
| 2.0mm FROM BODY | | 3 SEC. MAX |
| * t<10µS | | |

NOTES:

1. SSH-LXH555 HOLDER, BLACK INCLN.
2. SSL-LXA227SUGD LED.

*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), MIN= -0.00, MAX= +0.00, DECIMAL PRECISION

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REMARK: 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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| | SSF-LXH555SUGD | DRAWN BY: | CHECKED BY: |
| | T-1.8mm SINGLE RIGHT ANGLE INDICATOR, SUPER ULTRA GREEN DIFFUSED. | CT | APPROVED BY: |
| | | | DATE: 1.23.01 |
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| | | | SCALE: N/A |