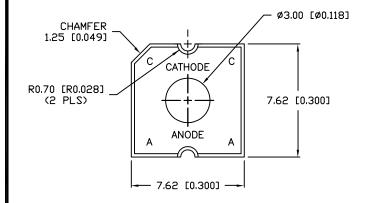
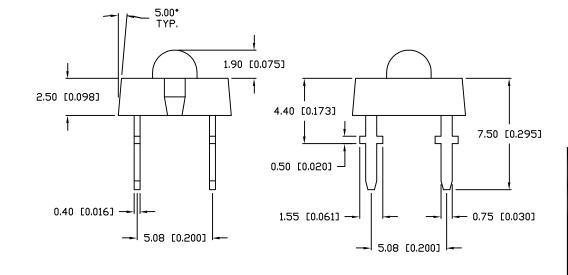
DATE REVISIONS REV DRAWING NUMBER SSL-LX30448SRC





ELECTRO-OPTICAL CHARACTERISTICS TA =25°C If =20mA

| PARAMETER | MIN | TYP | MAX | UNITS | TEST COND |
|---|--------------|----------------------|------|--|---|
| PEAK WAVELENGTH FORWARD VOLTAGE | | 660 (RED) 1.80 | 2.00 | nm V _f | I _f = 20mA |
| REVERSE VOLTAGE LUMINOUS INTENSITY TOTAL FLUX | 5.0 | 2.25 1250 1560 | 2.75 | V _f V _r mcd mlm | I _f = 70mA I _r = 10 μA I _f = 70mA I _f = 70mA |
| LUMINOUS INTENSITY/ TOTAL FLUX | | 0.80 | | mcd/mlm | ., |
| VIEWING ANGLE EMITTED COLOR: EPOXY LENS FINISH: | RED WATER | 50 CLEAR | | 2x theta | |

LIMITS OF SAFE OPERATION AT 25°C

| PARAMETER | MAX | UNITS |
|--|--|---|
| PEAK FORWARD CURRENT* STEADY CURRENT POWER DISSIPATION DERATE FROM 25'C OPERATING, STORAGE TEMP. SOLDERING TEMP. 2.0mm FROM BODY | 160 70 100 -2.0 -40 TO +85 +260 | mA mA mW mW/*C *C *C *C 3 SEC. MAX |

^{*} t<10µS

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.



290 E. HELLEN ROAD PALATINE, ILLINOIS 60067 (847) 359–2790

REV

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 DATE:
 1-5-98
 DWN:
 CHK'D:
 APPD:

 SCALE:
 N/A

T-7.6 x 7.6mm LED, SUPER RED, WATER CLEAR LENS.

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UNLESS OTHERWISE SPECIFIED TOLERANCE IS ±.25mm (±0.010")

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