REVISIONS REV DRAWING NUMBER REV SSL-LX30448SRC

## ELECTRO-OPTICAL CHARACTERISTICS $T_A = 25$ °C $I_f = 20$ mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH FORWARD VOLTAGE		660 (RED) 1.80 2.25	2.00 2.75	nm V <sub>f</sub> V <sub>f</sub>	I <sub>f</sub> = 20mA I <sub>f</sub> = 70mA
REVERSE VOLTAGE LUMINOUS INTENSITY TOTAL FLUX	5.0	1250 1560		V <sub>r</sub> mcd mlm	I <sub>r</sub> = 10 μA I <sub>f</sub> =70mA I <sub>f</sub> =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 3 SEC. MAX

<sup>\*</sup> 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

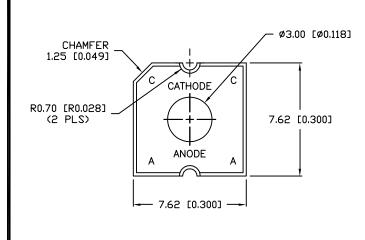
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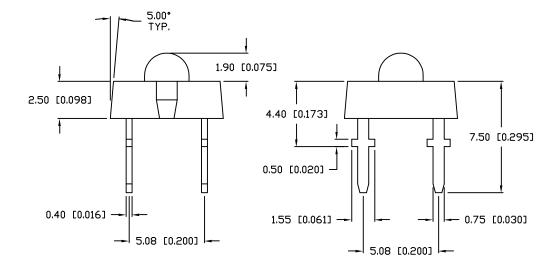
 SCALE:
 N/A

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

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DATE



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