

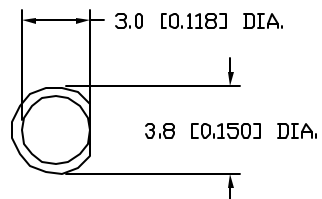
DATE

REVISIONS

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SSL-LX30571GW

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UNCONTROLLED DOCUMENTELECTRO-OPTICAL CHARACTERISTICS $T_A = 25^\circ\text{C}$ $I_f = 20\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635 (RED) 565 (GREEN)		nm	
FORWARD VOLTAGE (R/G)		2.1	2.8	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r = 10 \mu\text{A}$
AXIAL INTENSITY (R/G)		15/12		mcd	$I_f = 20\text{mA}$
VIEWING ANGLE		70		2x theta	
EMITTED COLOR		RED/GREEN			
EPOXY LENS FINISH		MILKY WHITE	DIFFUSED		

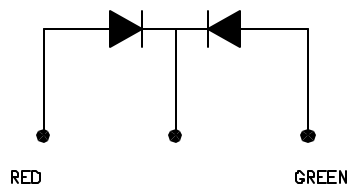
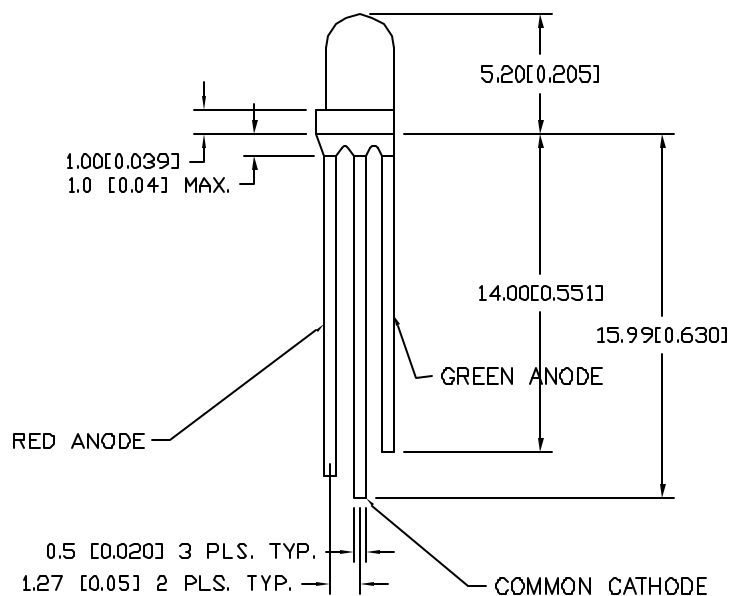
LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*(R/G)	160	mA
STEADY CURRENT (R/G)	30/25	mA
POWER DISSIPATION (R/G)	100	mW
DERATE FROM 25°C	-1.1	mW/ $^\circ\text{C}$
OPERATING, STORAGE TEMP	-40 TO +85	$^\circ\text{C}$
LEAD SOLDERING TEMP	+260	$^\circ\text{C}$
2.0mm FROM BODY		3 SEC. MAX

* $t < 10\mu\text{s}$

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.

*UNCONTROLLED DOCUMENT*
LUMEX
OPTO COMPONENTS INC.

 292 E. HELLEN ROAD
PALATINE, ILLINOIS 60067
(708) 359-2790

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DATE: 2-26-96

DWN:

CHK'D:

APPD:

SCALE: N/A

 T3mm LED, BICOLOR,
RED/GREEN, MILKY WHITE DIFFUSED

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