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Stocking Distributor

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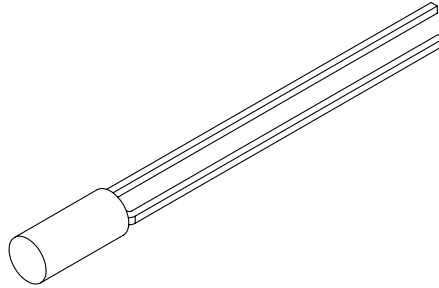
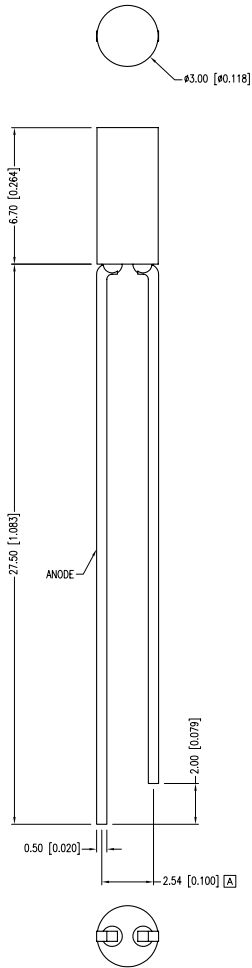
[Lumex, Inc.](#)
[SSL-LX30FT4GD](#)

For any questions, you can email us directly:

sales@integrated-circuit.com

UNCONTROLLED DOCUMENT

PART NUMBER	SSL-LX30FT4GD	REV.	B
DATE	E.C.N. NUMBER AND REVISION COMMENTS		
10.02.00	E.C.N. #10666.		
05.10.12	E.C.N. #10BRDR. & REDRAWN.		
		REV.	
		A	
		B	



ELECTRO-OPTICAL CHARACTERISTICS $T_a=25^{\circ}\text{C}$ $I_f=20\text{mA}$					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		2.2	2.6	Vf	$I_f=100\mu\text{A}$
REVERSE VOLTAGE	5.0			Vr	$I_f=20\text{mA}$
AXIAL INTENSITY		9		mcd	
VIEWING ANGLE		100		2θ	
EMITTED COLOR:	GREEN				
LENS FINISH:	GREEN DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.6	mW/ $^{\circ}\text{C}$
OPERATING TEMP.	-40 TO +85	$^{\circ}\text{C}$
STORAGE TEMP.	-40 TO +85	$^{\circ}\text{C}$
SOLDERING TEMP.	+260	$^{\circ}\text{C}$
2.0mm FROM BODY	3	SEC.
* $t_{10\mu\text{s}}$		

*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= $\frac{+0.00}{-0.00}$ DECIMAL PRECISION MAX= $\frac{+0.00}{-0.00}$ DECIMAL PRECISION UNCONTROLLED DOCUMENT



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T-3mm (T-1) 565nm GREEN, FLANGELESS FLAT TOP LED, GREEN TOP DIFFUSED LENS.

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

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DATE: 05.10.12	DRAWN BY: AB
PAGE: 1 OF 1	CHKD BY: SS
SCALE: NTS	APRVD BY: SS
UNIT: mm [INCH]	