

## **Excellent Integrated System Limited**

Stocking Distributor

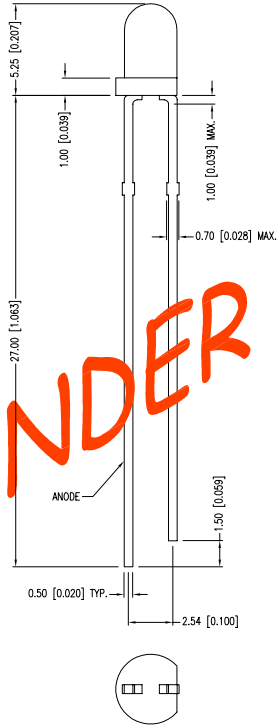
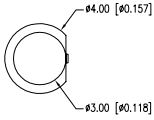
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Lumex, Inc.](#)  
[SSL-LX3054HD](#)

For any questions, you can email us directly:  
[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

UNCONTROLLED DOCUMENT

PART NUMBER	SSL-LX3054HD	REV.	B
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
07.25.95	REDRAWN AND UPDATED SPECS.		A
04.09.01	E.C.N. #10BRDR. & REDRAWN IN 3D.		B
03.28.11	E.C.N. #10BRDR. & REDRAWN/#11703.		C



UNDER ECN REVISION

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

PARAMETER	MIN	TYP.	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		2.2	2.5	Vf	
REVERSE VOLTAGE	5.0			Vr	I <sub>f</sub> =100μA
AXIAL INTENSITY		80		md	I <sub>f</sub> =10mA
VIEWING ANGLE		50		2x theta	
EMITTED COLOR:	GREEN				
EPOXY LENS FINISH:	WATER CLEAR				

**A) LIMITS OF SAFE OPERATION AT 25°C**

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	140	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	63	mW
DERATE FROM 25°C	1.2	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	3	SEC. MAX.
t <sub>105</sub>		

**LUMEX**  
Creating LED and LCD Solutions Together™

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T-3mm (T-1) 700nm RED LED, RED DIFFUSED LENS.

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

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DATE:	05.19.11	DRAWN BY:	AB
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UNIT:	mm [INCH]		