



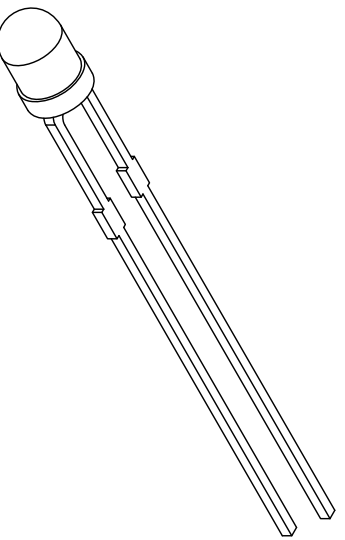
**THE DATASHEET OF  
SSL-LX3044GC**



PART NUMBER		SSL-LX3044GC		REV.	G
DATE	E.C.N. NUMBER AND REVISION COMMENTS				REV.
04.28.92	REMOVED FLAT EDGE FROM FLANGE.				A
06.10.92	CHG'D WAVELENGTH TO 565nm.				B
10.26.92	CHG'D CURRENT SPECS.				C
11.18.94	UPDATED SPECS.				D
02.20.95	UPDATED VIEW ANGLE.				E
05.08.01	E.C.N. #10BRDR. & REDRAWN IN 3D.				F
02.11.11	E.C.N. #10BRDR.				G

20 [60.126]

30 [60.114]



[0.028] MAX.

**[E]** ELECTRO-OPTICAL CHARACTERISTICS  $T_A=25^{\circ}\text{C}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		2.2	2.6	V <sub>f</sub>	I <sub>f</sub> =100uA
REVERSE VOLTAGE	5.0			V <sub>r</sub>	I <sub>f</sub> =20mA
AXIAL INTENSITY		100		md	
VIEWING ANGLE		30		2x theta	
EMITTED COLOR:		GREEN			
EPOXY LENS FINISH:		WATER CLEAR			

**[O]** 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/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		3 SEC. MAX
* I<10uS		

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LEAD SIZE=±0.05 (±0.020), LEAD LENGTH=±0.75 (±0.030), MIN. = -0.00  
T-3mm (T-1) 565nm GREEN LED.  
\*\*THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT\*\*  
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DATE:	11.20.12	DRAWN BY:	MA
PAGE:	1 OF 1	CHKD BY:	SS
SCALE:	NTS	APRVD BY:	SS
UNIT:	mm [INCH]		

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## Looking for pricing, stock, or lifecycle information?

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