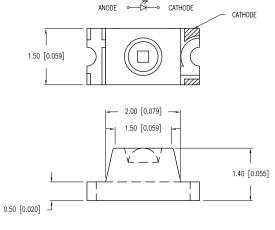
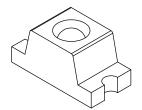
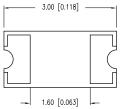
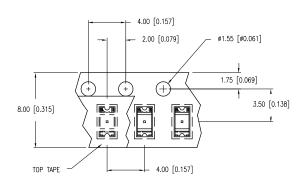
UNCONTROLLED DOCUMENT

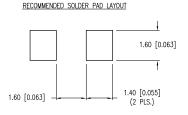








TAPE FEED DIRECTION -



PART NUMBER SML—LXL1106GC—TR REV. B DATE E.C.N. NUMBER AND REVISION COMMENTS REV. 03.14.03 E.C.N. #10967. A 05.26.10 E.C.N. #11508. B

ELECTRO-OPTICAL CH	ARACTERISTICS	$T_A = 25^{\circ}C$	$I_f = 20 \text{mA}$		
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		2.2	2.5	V f	
REVERSE VOLTAGE	5.0			٧r	$I_r = 100 \mu A$
AXIAL INTENSITY		16		mcd	$I_f = 20mA$
VIEWING ANGLE		90		2x theta	•
EMITTED COLOR:	GREEN				
EPOXY LENS FINISH:	WATER CLEAR				

	0.5				0540	
IMILS	()F	SAFF	OPERATION	ΑI	25°C	

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	- 1.2	mW/⁺C
OPERATING TEMP.	-30 TO +85	.C
STORAGE TEMP.	-40 TO +85	.c

* t<10µS

CAUTION: MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 3 STANDARDS

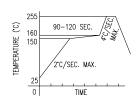
CAUTION: STATIC SENSITIVE DEVICE
FOLLOW PROPER E.S.D. HANDLING PROCEDURES
WHEN WORKING WITH THIS PART.

NOTES:

1. THE POLARITY MARK IS ORIENTED TOWARDS THE TAPE SPROCKET HOLE.

LEAD FREE REFLOW PROFILE

10 SEC. MAX.



TOTAL TIME ABOVE 220°C IS 60 SECONDS MAX.

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: $X=\pm 1$ (±0.039), $X.XX=\pm 0.5$ (±0.020), $X.XX=\pm 0.25$ (±0.020), $X.XX=\pm 0.127$ (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= +DECIMAL PRECISION UNCONTROLLED DOCUMENT



290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 FAX: +1.847.359.6538 WEB: WWW.LUMEX.COM

3mm x 1.5mm SURFACE MOUNT LED WITH LENS, 565nm GREEN LED, WATER CLEAR LENS, TAPE AND REEL.

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

COMPONING INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLDE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.

ION ONCONTROLLED DOCUMENT					
	DATE:	08.21.01	DRAWN BY: CT		
	PAGE:	1 OF 1	CHKD BY: KF		
	SCALE:	N/A	APRVD BY: SS		
UNIT: mm [INCH]		mm [INCH]	(Po)		
				_	