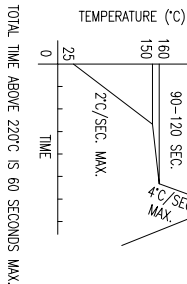
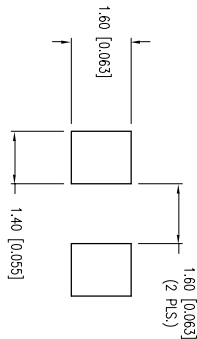
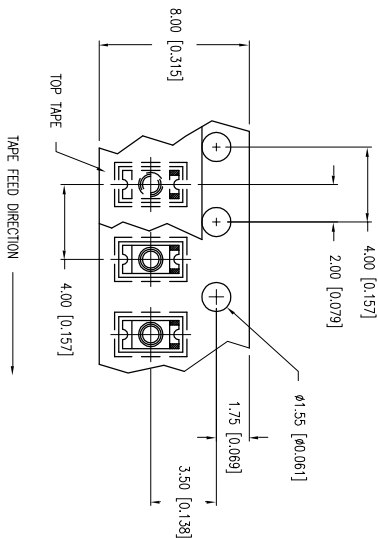
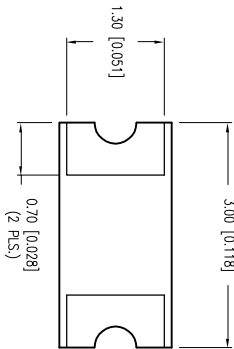
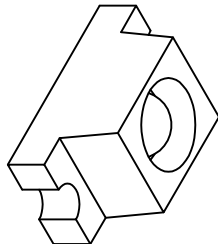
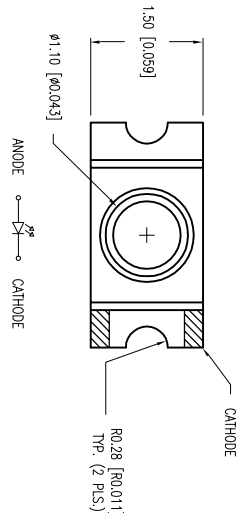


PART NUMBER		SML-LXL1206SIC-TR		REV.	D
DATE		E.C.N. NUMBER AND REVISION COMMENTS		REV.	
03.14.03		E.C.N. #10967		A	
03.17.05		E.C.N. #11148		B	
05.26.10		E.C.N. #11508		C	
10.12.10		E.C.N. #11665		D	



TOTAL TIME ABOVE 220°C IS 60 SECONDS MAX.

LIMITS OF SAFE OPERATION AT 25°C			
PARAMETER	MIN	MAX	UNITS
PEAK FORWARD CURRENT*	160	MAX	mA
STEADY CURRENT	30	MAX	mA
POWER DISSIPATION	100	MAX	mW
DERATE FROM 25°C	-1.2	MAX	mW/°C
OPERATING TEMP.	-40 TO +85	MAX	°C
STORAGE TEMP.	-40 TO +85	MAX	°C

* I<10pA

ELECTRO-OPTICAL CHARACTERISTICS I _A =25°C			
PARAMETER	MIN	MAX	UNITS
PEAK WAVELENGTH	636	MAX	nm
FORWARD VOLTAGE	2.0	2.6	V _f
REVERSE VOLTAGE	5.0	MAX	V _r
AXIAL INTENSITY	75	MAX	cd
VIEWING ANGLE	60	MAX	2x theta
EMITTED COLOR	RED	MAX	
EPOXY LENS FINISH	WATER CLEAR	MAX	

- NOTES:
1. THE CATHODE IS ORIENTED TOWARDS THE TAPE SPROCKET HOLE.

[B] LEAD FREE REFLOW PROFILE
10 SEC. MAX.

[CA] CAUTION: MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 2 STANDARDS

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005), LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030), MIN=-0.00

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3.0mm x 1.6mm PCB SURFACE MOUNT LED WITH LENS,
THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENTS
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DATE:	01.08.01	DRAWN BY:	CT
PAGE:	1 OF 1	CHKD BY:	KF
SCALE:	N/A	APPRD BY:	SA
UNIT:	mm [INCH]		

(A) [B]