
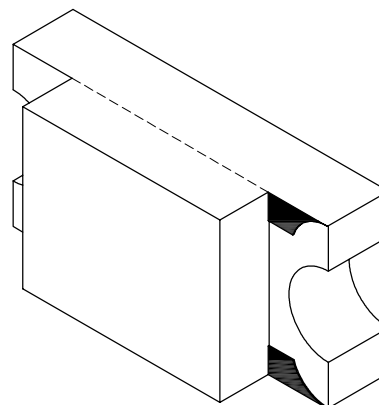
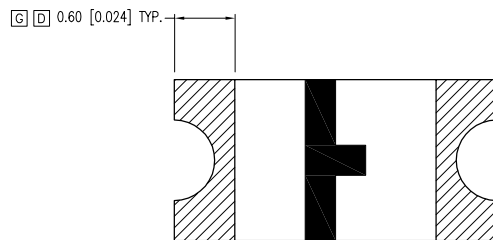
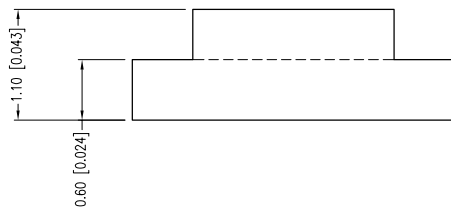
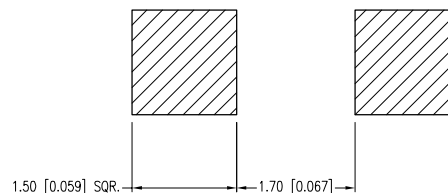


ANODE  CATHODE



**[G] RECOMMENDED SOLDER PAD LAYOUT**



PART NUMBER	SML-LX1206SYC-TR1	REV.	J
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
12.18.97	E.C.N. #10404		A
7.18.00	E.C.N. #10644. & REDRAWN IN 3D.		B
5.15.01	E.C.N. #10737.		C
12.3.01	E.C.N. #10814.		D
3.14.03	E.C.N. #10967.		E
1.20.05	E.C.N. #11148.		F
01.07.08	E.C.N. #11466.		G
03.09.09	E.C.N. #11508.		H
08.02.10	E.C.N. #11644		I
04.20.11	E.C.N. #10BRDR. & REDRAWN.		J


ELECTRO-OPTICAL CHARACTERISTICS TA =25°C If=20mA				UNITS	TEST COND
PARAMETER	MIN	TYP.	MAX		
PEAK WAVELENGTH		595		nm	
FORWARD VOLTAGE		2.0	2.6	Vf	
REVERSE VOLTAGE	5.0			Vr	Ir=100μA
AXIAL INTENSITY		70		mcd	If=20mA
VIEWING ANGLE		160		2x theta	
EMITTED COLOR:	YELLOW				
EPOXY LENS FINISH:	WATER CLEAR				

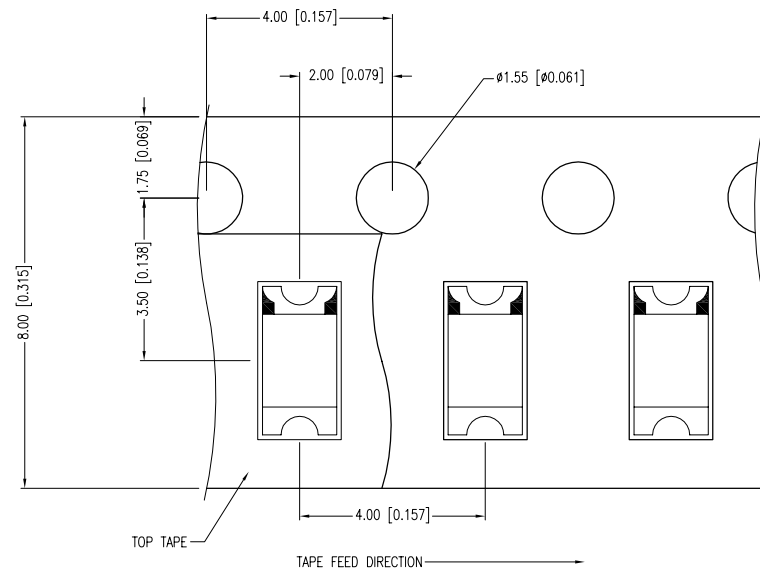
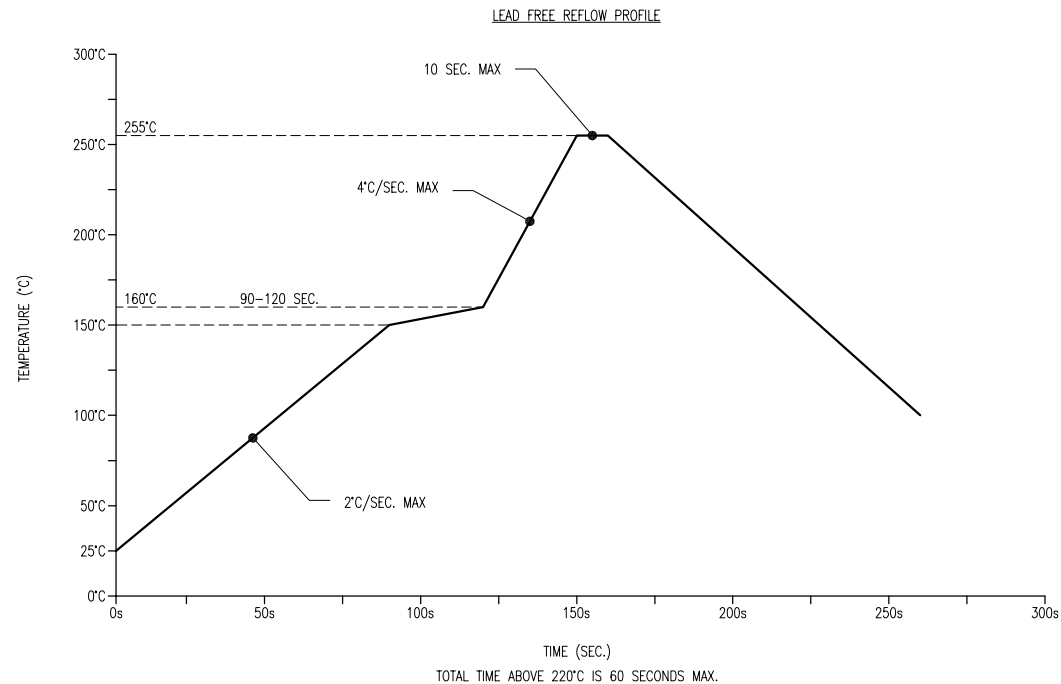
**[I] LIMITS OF SAFE OPERATION AT 25°C**

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	80	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C

\* t<10μS

<b>[H] [E]</b>	CAUTION: MOISTURE SENSITIVE DEVICE PER JEDEC LEVEL 2 STANDARDS
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	290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 FAX: +1.847.359.6538 WEB: WWW.LUMEX.COM	3.2mm x 1.6mm PCB SURFACE MOUNT LED, 595nm SUPER YELLOW LED, WATER CLEAR LENS, TAPE & REEL.		DATE: 04.20.11	DRAWN BY: AB
		**THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.**		PAGE: 1 OF 2	CHKD BY: KF
		CONFIDENTIAL INFORMATION THE 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 WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.		SCALE: NTS	APRVD BY: SS
				UNIT: mm [INCH]	Ⓟ

NOTES:

1. THE CATHODE MARK IS ORIENTED TOWARDS THE TAPE SPROCKET HOLE.
2. PARTS TO BE SUPPLIED IN BLACK, ANTI-STATIC CARRIER TAPE.

\*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.= <sup>+DECIMAL PRECISION</sup><sub>-0.00</sub> MAX.= <sup>+0.00</sup><sub>-DECIMAL PRECISION</sub>

UNCONTROLLED DOCUMENT



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PHONE: +1.847.359.2790  
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WEB: WWW.LUMEX.COM

3.2mm x 1.6mm PCB SURFACE MOUNT LED, 595nm SUPER YELLOW LED, WATER CLEAR LENS, TAPE & REEL.

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DATE:	04.20.11	DRAWN BY:	AB
PAGE:	2 OF 2	CHKD BY:	KF
SCALE:	NTS	APRVD BY:	SS
UNIT:	mm [INCH]		Ⓟ

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Authorized Distributor

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[SML-LX1206SYC-TR1](#)