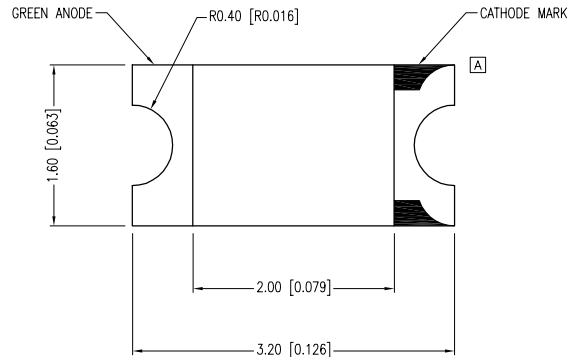
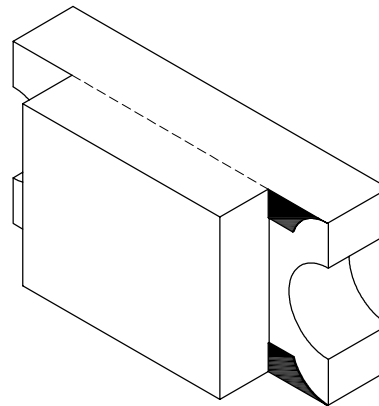
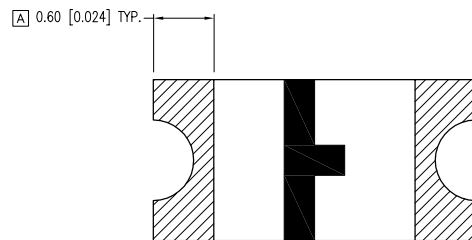
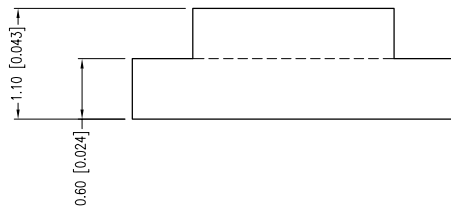


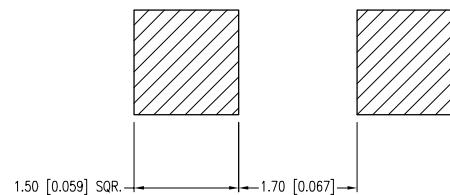
PART NUMBER	SML-LX1206SUGSOCTR	REV.	D
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
01.07.08	E.C.N. #11466.		A
03.09.09	E.C.N. #11508.		B
08.04.10	E.C.N. #11644.		C
04.20.11	E.C.N. #10BRDR. & REDRAWN.		D



ANODE  CATHODE



[A] RECOMMENDED SOLDER PAD LAYOUT



ELECTRO-OPTICAL CHARACTERISTICS TA =25°C If=20mA					
PARAMETER	MIN	TYP.	MAX	UNITS	TEST COND
PEAK WAVELENGTH (G/O)		574/610		nm	
FORWARD VOLTAGE (G/O)		2.1/2.0	2.5	Vf	
REVERSE VOLTAGE	5.0			Vr	Ir=100μA
AXIAL INTENSITY (G/O)		70/200		mcd	If=20mA
VIEWING ANGLE		120		2x theta	
EMITTED COLOR:	GREEN/ORANGE				
EPOXY LENS FINISH:	WATER CLEAR				

[C] LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT* (G/O)	150/195	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	75	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C

* t<10μS

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

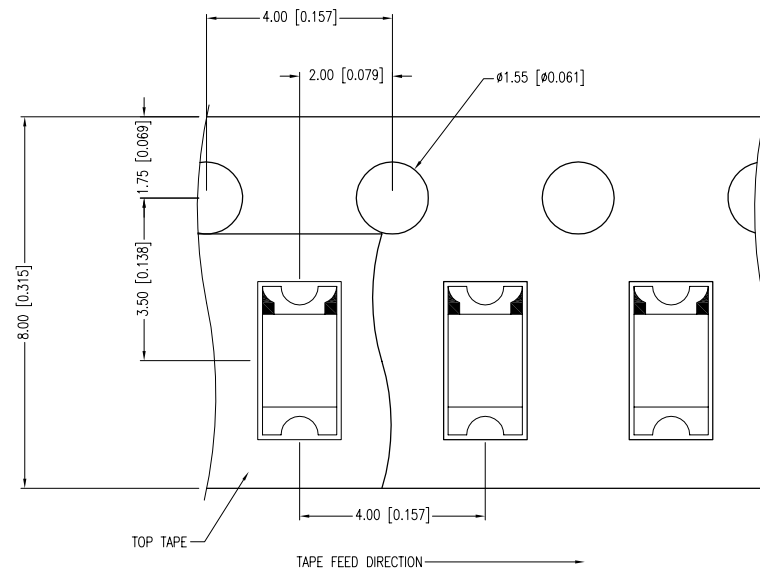
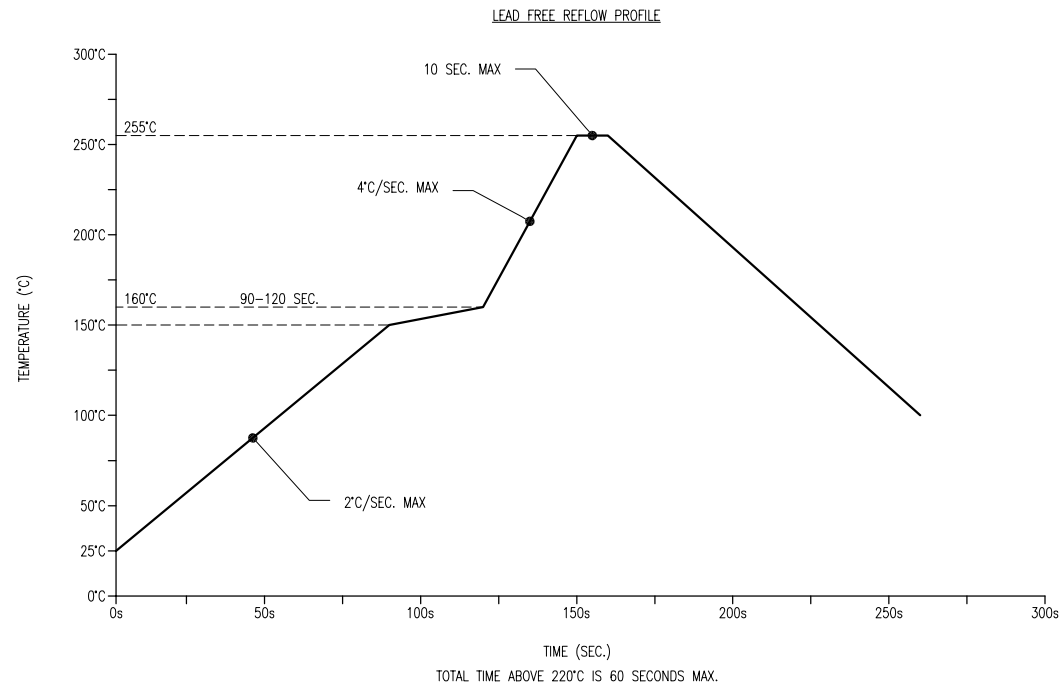
*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= ^{DECIMAL PRECISION} _{-0.00} MAX= ^{DECIMAL PRECISION} _{-0.00}

UNCONTROLLED DOCUMENT

 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, 574/610nm GREEN/ORANGE LED, WATER CLEAR LENS, TAPE & REEL.	DATE: 04.20.11	DRAWN BY: AB
		PAGE: 1 OF 2	CHKD BY: KF
		SCALE: NTS	APRVD BY: SS
		UNIT: mm [INCH]	

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

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NOTES:

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

*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= $\begin{matrix} +0.00 \\ -0.00 \end{matrix}$ DECIMAL PRECISION MAX.= $\begin{matrix} +0.00 \\ -0.00 \end{matrix}$ DECIMAL PRECISION

UNCONTROLLED DOCUMENT



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PALATINE, IL 60067-6976
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3.2mm x 1.6mm PCB SURFACE MOUNT LED, 574/610nm GREEN/ORANGE 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]		Ⓟ