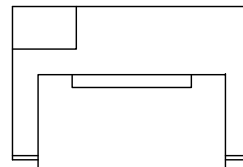
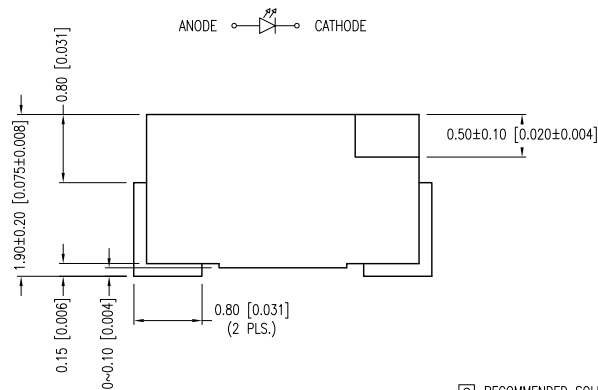
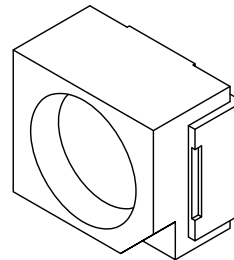
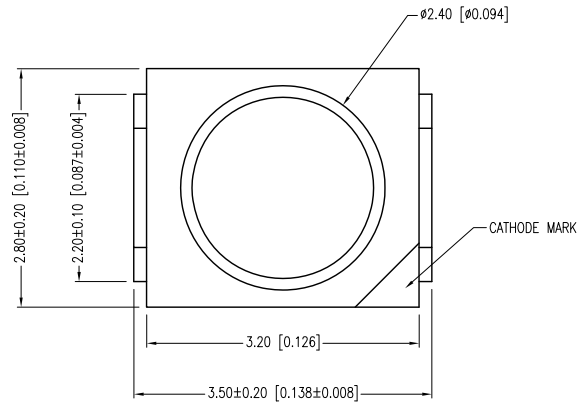
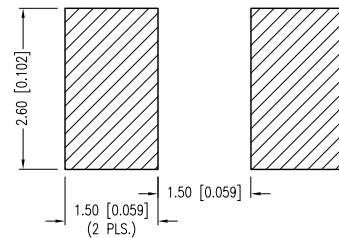


PART NUMBER	SML-LX2832SUGC-TR	REV.	E
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
03.14.03	E.C.N. #10967.		A
02.08.05	E.C.N. #11148.		B
10.16.07	E.C.N. #11450.		C
05.05.10	E.C.N. #11627.		D
04.11.12	E.C.N. #10BRDR. & REDRAWN/#11812.		E



C RECOMMENDED SOLDER PAD LAYOUT



ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA				
PARAMETER	MIN	TYP	MAX	UNITS TEST COND
PEAK WAVELENGTH		574		nm
FORWARD VOLTAGE		2.2	2.6	Vf
REVERSE VOLTAGE	5.0			Vr
AXIAL INTENSITY		150		mcd
VIEWING ANGLE		120		2x theta
EMITTED COLOR:	GREEN			
LENS FINISH:	WATER CLEAR			

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	160	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	100	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-30 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	3	SEC.

* $t < 10 \mu\text{S}$

E D A

CAUTION: MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 3 STANDARDS

UNCONTROLLED DOCUMENT

DATE: 04.11.12	DRAWN BY: AB
PAGE: 1 OF 2	CHKD BY: KF
SCALE: NTS	APRVD BY: KF
UNIT: mm [INCH]	

*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.= $\frac{+\text{DECIMAL PRECISION}}{-0.00}$ MAX.= $\frac{+0.00}{-\text{DECIMAL PRECISION}}$

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Creating LED and LCD Solutions Together™

290 E. HELEN ROAD
PALATINE, IL 60067-6976
PHONE: +1.847.359.2790
FAX: +1.847.359.6538
WEB: WWW.LUMEX.COM
MEMBER OF **ITW PHOTONICS GROUP**

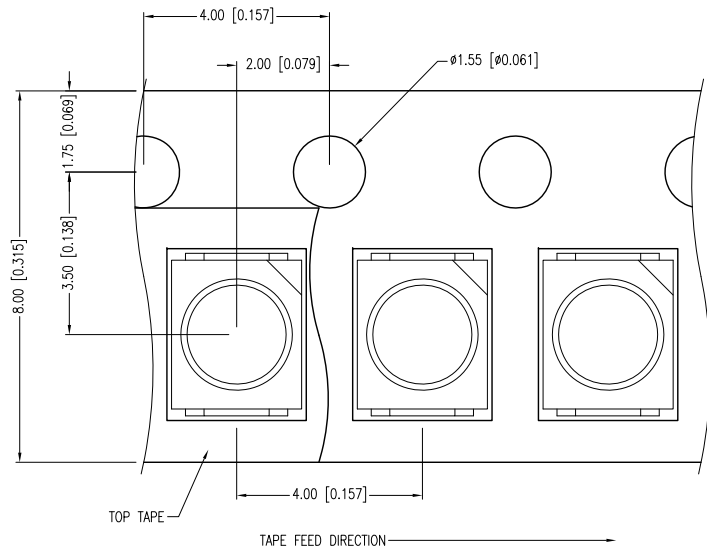
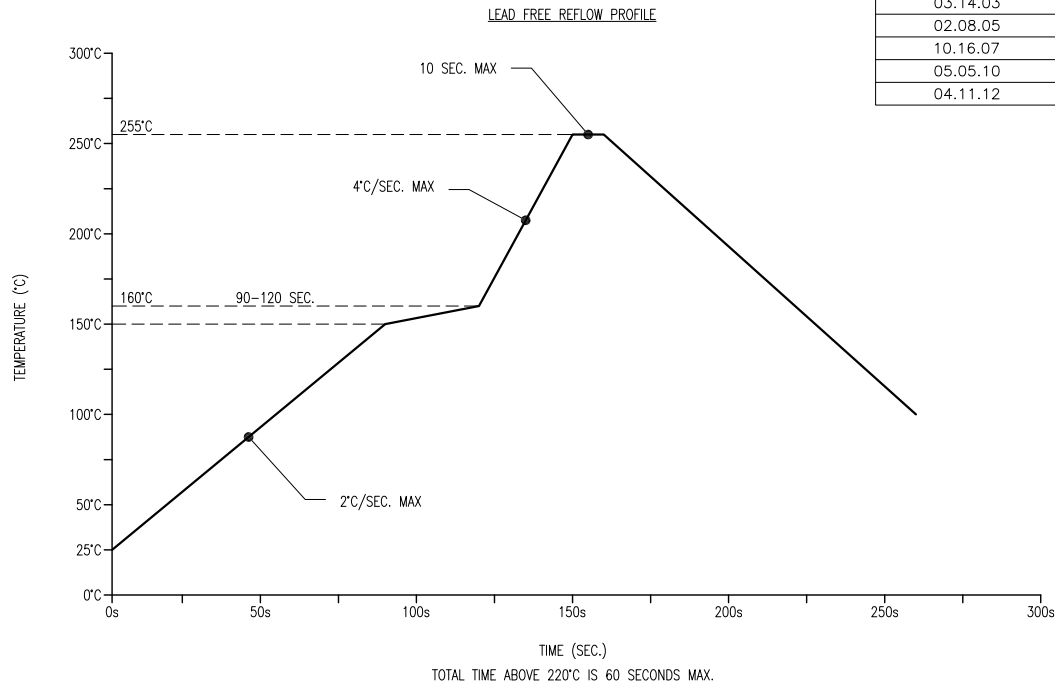
2.8mm X 3.2mm SML /W REFLECTOR, 574nm LED, WATER CLEAR LENS, 2,000 PCS PER TAPE & REEL.

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

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NOTES:

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

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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 MEMBER OF ITW PHOTONICS GROUP	2.8mm X 3.2mm SML /W REFLECTOR, 574nm LED, WATER CLEAR LENS, 2,000 PCS PER TAPE & REEL.	DATE: 04.11.12	DRAWN BY: AB
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		UNIT: mm [INCH]	Ⓟ