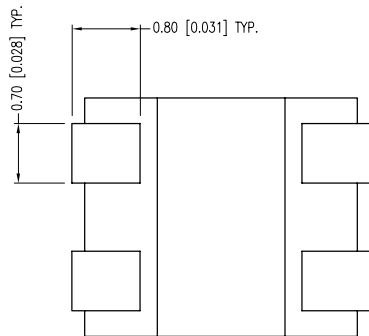
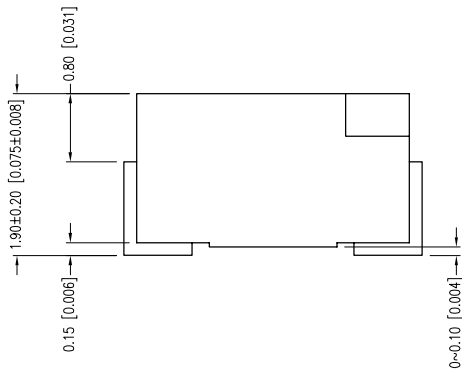
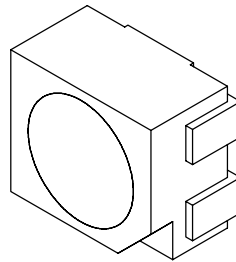
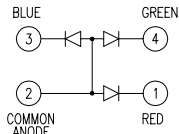
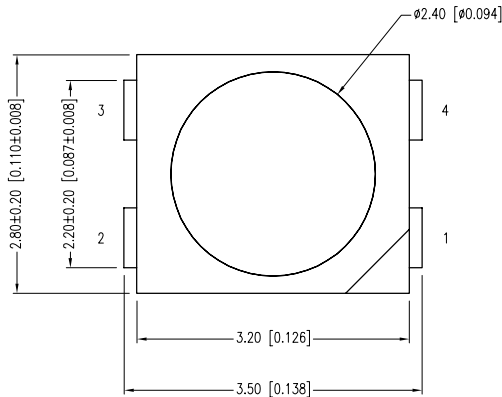
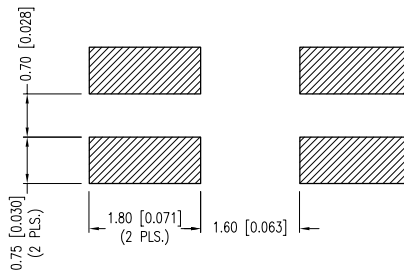




RECOMMENDED SOLDER PAD LAYOUT



PART NUMBER	SML-LX2832SISUGSBC	REV.	F
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
03.14.03	E.C.N. #10967.		A
06.05.05	E.C.N. #11148.		B
10.17.07	E.C.N. #11450.		C
02.09.10	E.C.N. #11618.		D
05.05.10	E.C.N. #11627.		E
06.02.11	E.C.N. #11724/#10BRDR & REDRAWN.		F

ELECTRO-OPTICAL CHARACTERISTICS TA =25°C If=20mA					
PARAMETER	MIN	TYP.	MAX	UNITS	TEST COND
PEAK WAVELENGTH (R/G/B)		636/574/430		nm	
FORWARD VOLTAGE (R/G/B)		2.0/2.2/3.5	2.4/2.6/4.5	Vf	Ir=100µA
REVERSE VOLTAGE	5.0			Vr	If=20mA
AXIAL INTENSITY (R/G/B)		80/60/60		mcd	
VIEWING ANGLE		120		2x theta	
EMITTED COLOR:	RED/GREEN/BLUE				
EPOXY LENS FINISH:	WATER CLEAR				

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT* (R/G/B)	160/160/100	mA
STEADY CURRENT (R/G/B)	25/25/30	mA
POWER DISSIPATION	120	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	3	SEC. MAX.

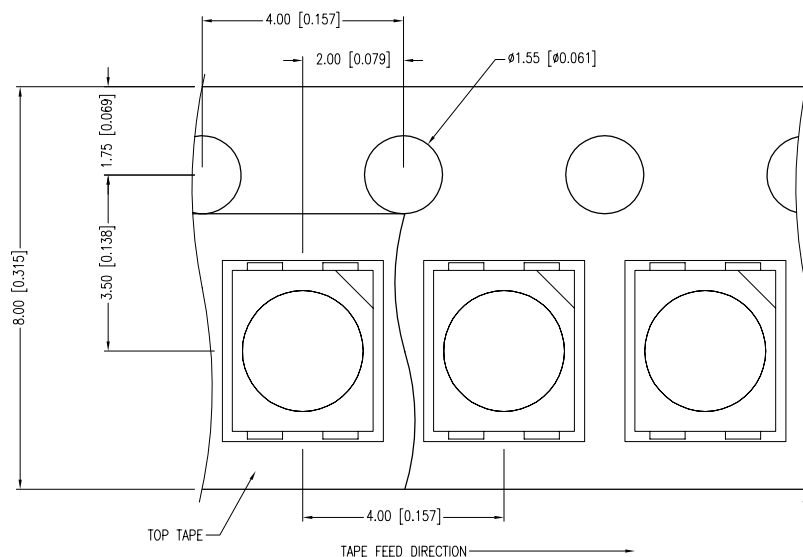
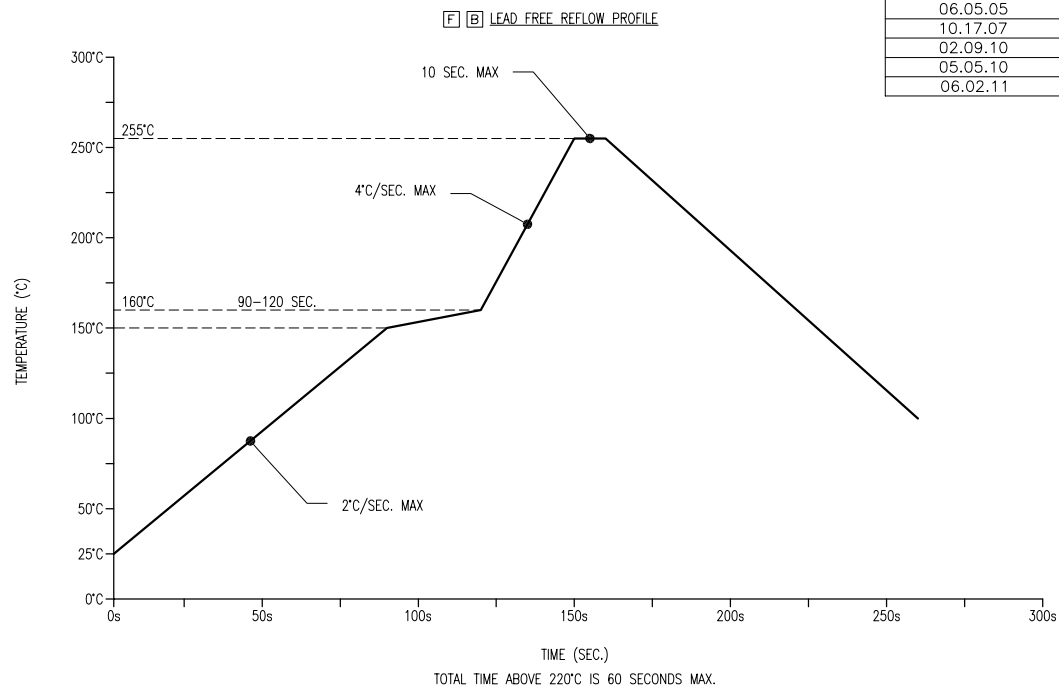
* t<10µS

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.

*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 MAX.= +0.00 -0.00 DECIMAL PRECISION

PART NUMBER	SML-LX2832SISUGSBC	REV.	F
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
03.14.03	E.C.N. #10967.		A
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06.02.11	E.C.N. #11724/#10BRDR & REDRAWN.		F



NOTES:

1. THE POLARITY MARK IS ORIENTED TOWARDS THE TAPE SPROCKET HOLE.
2. TYPICAL 1500 PCS. PER REEL.

*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= ^{+0.00} _{-DECIMAL PRECISION}

UNCONTROLLED DOCUMENT

LUMEX 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	2.8mm x 3.2mm SML /W REFLECTOR CUP, DUAL CHIP, 636nm/574nm/430nm LED, WATER CLEAR LENS, 2k	DATE: 06.02.11	DRAWN BY: AB
			PAGE: 2 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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