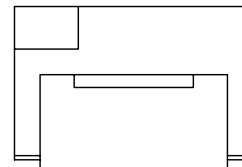
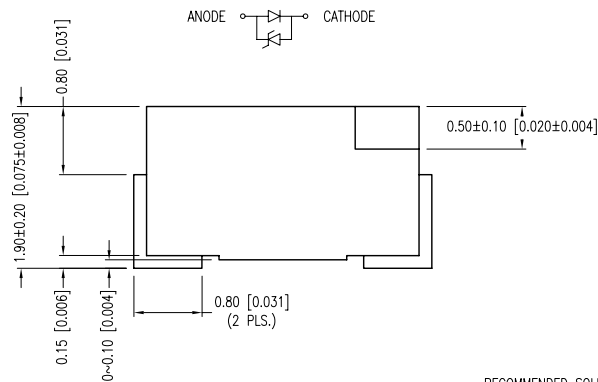
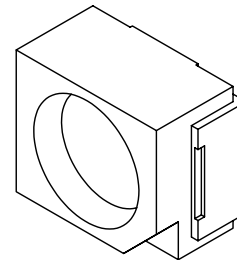
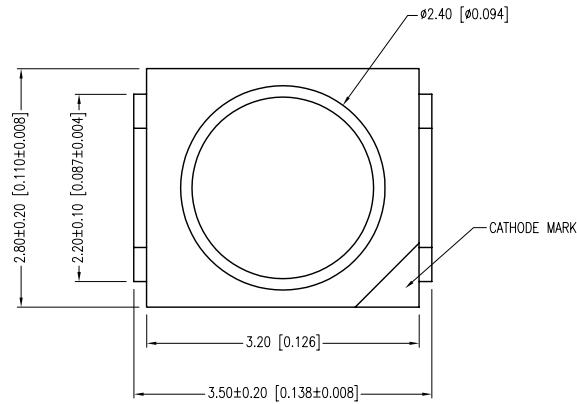
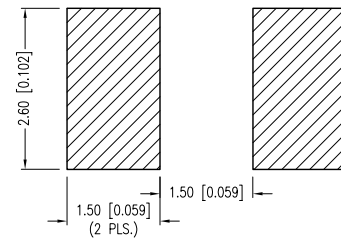


PART NUMBER	SML-LX2832MWC-TR	REV.	C
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
05.07.10	E.C.N. #11627.		A
07.07.10	E.C.N. #11653.		B
06.13.11	E.C.N. #10BRDR. & REDRAWN/#11727.		C



RECOMMENDED SOLDER PAD LAYOUT



ELECTRO-OPTICAL CHARACTERISTICS TA =25°C		If=20mA			
PARAMETER	MIN	TYP.	MAX	UNITS	TEST COND
FORWARD VOLTAGE	2.75		3.95	Vf	If=20mA
REVERSE VOLTAGE	5.0			Vr	Ir=110μA
AXIAL INTENSITY	565		1120	mcd	If=20mA
CHROMATICITY (X)	0.38		0.49		If=20mA
COORDINATES (Y)*	0.36		0.45		If=20mA
VIEWING ANGLE		120		2x theta	
EMITTED COLOR:	WARM WHITE				
EPOXY LENS FINISH:	WATER CLEAR				

*THE ICI STANDARD COLORIMETRIC SYSTEM.

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	SYMBOL	MAX	UNITS
PULSE FORWARD CURRENT	I _P	100*	mA
STEADY CURRENT	I _F	25	mA
POWER DISSIPATION	P _D	110	mW
OPERATING TEMP.	T _{OPR}	-40 TO +90	°C
STORAGE TEMP.	P _{STG}	-40 TO +85	°C

*DUTY 1/10 PULSE WIDTH 10ms

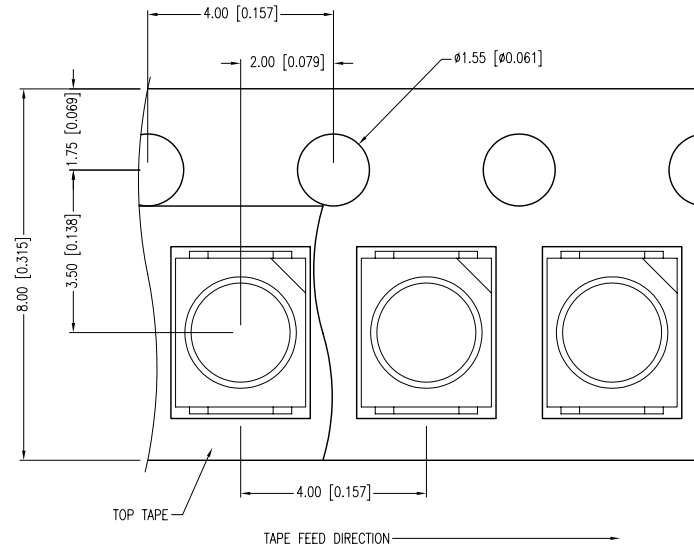
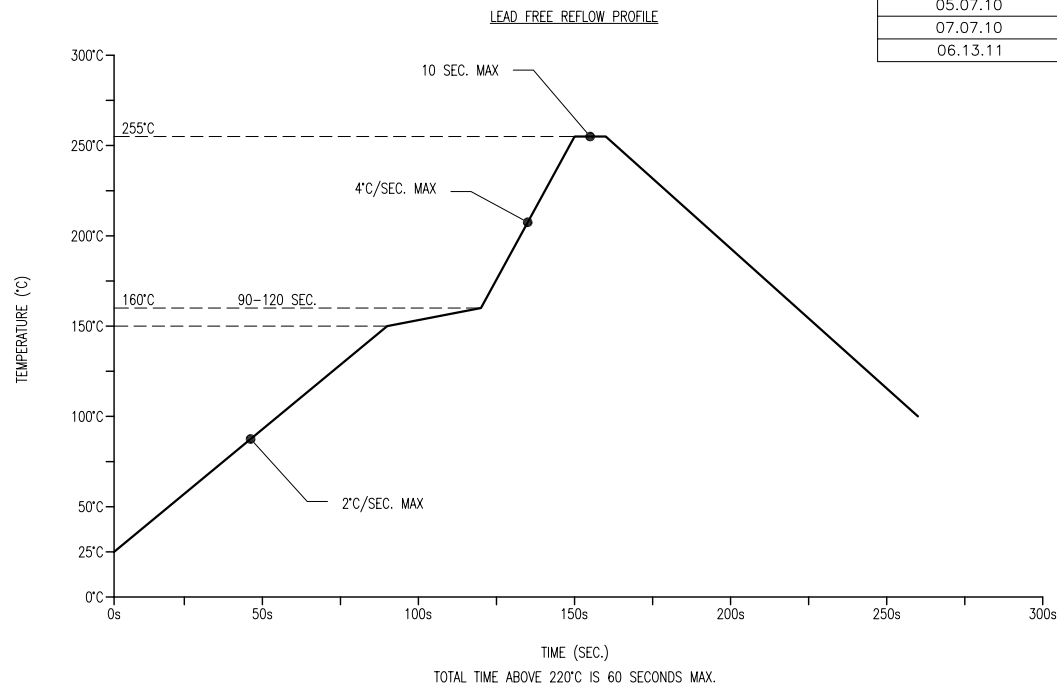
A CAUTION: MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 3 STANDARDS

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 -0.00 MAX.= +0.00 -DECIMAL PRECISION

UNCONTROLLED DOCUMENT

PART NUMBER	SML-LX2832MWC-TR	REV.	C
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05.07.10	E.C.N. #11627.		A
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06.13.11	E.C.N. #10BRDR. & REDRAWN/#11727.		C



NOTES:

1. THE POLARITY 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.= ^{+DECIMAL PRECISION} _{-0.00} MAX.= ^{+0.00} _{-DECIMAL PRECISION}

UNCONTROLLED DOCUMENT



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WEB: WWW.LUMEX.COM
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2.8mm X 3.2mm SML /W REFLECTOR, WARM WHITE 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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DATE:	06.13.11	DRAWN BY:	AB
PAGE:	2 OF 2	CHKD BY:	SS
SCALE:	NTS	APRVD BY:	SS
UNIT:	mm [INCH]		Ⓟ