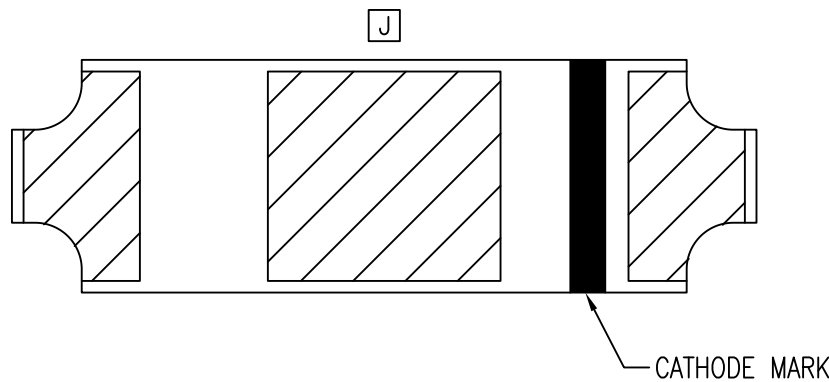
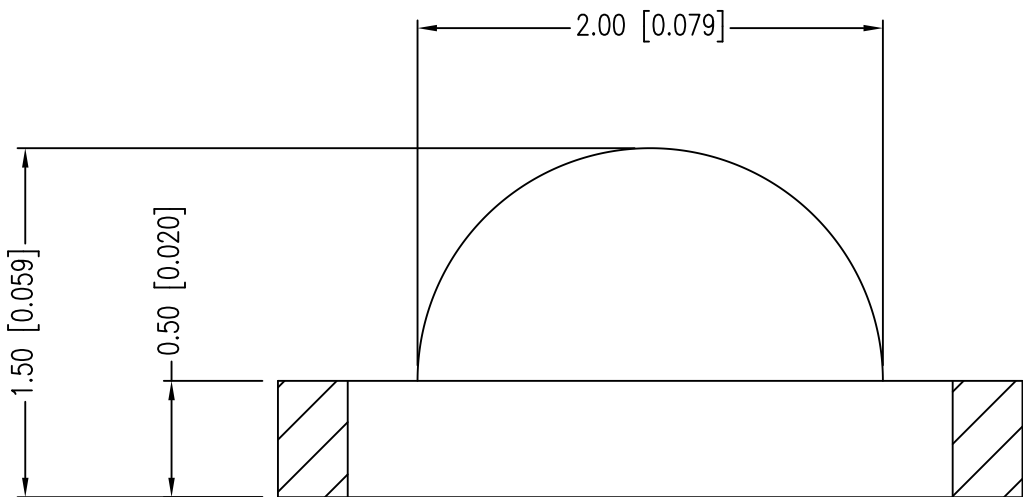
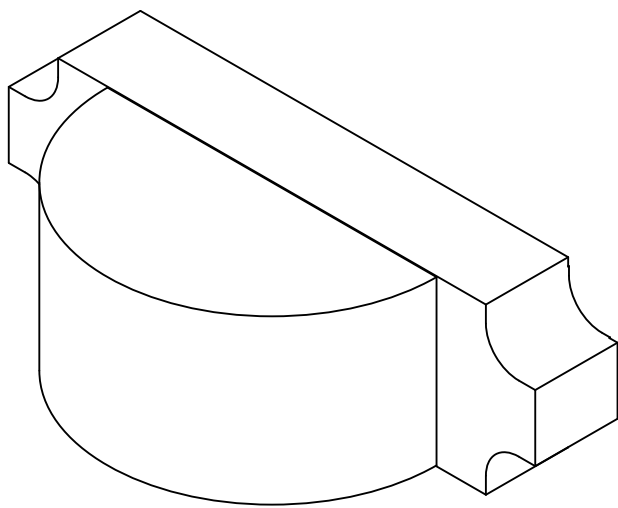
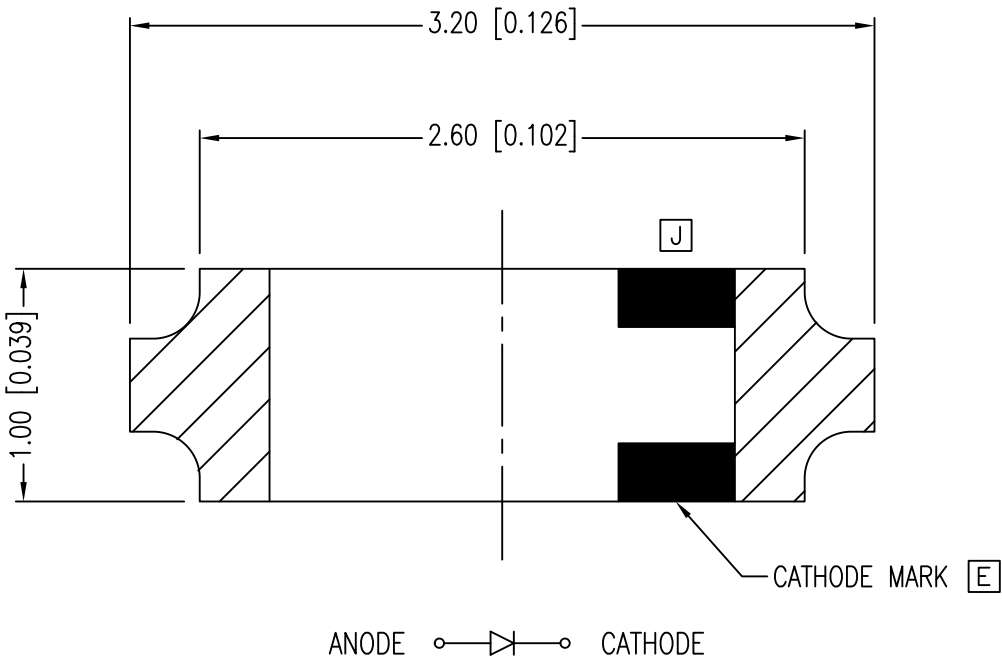
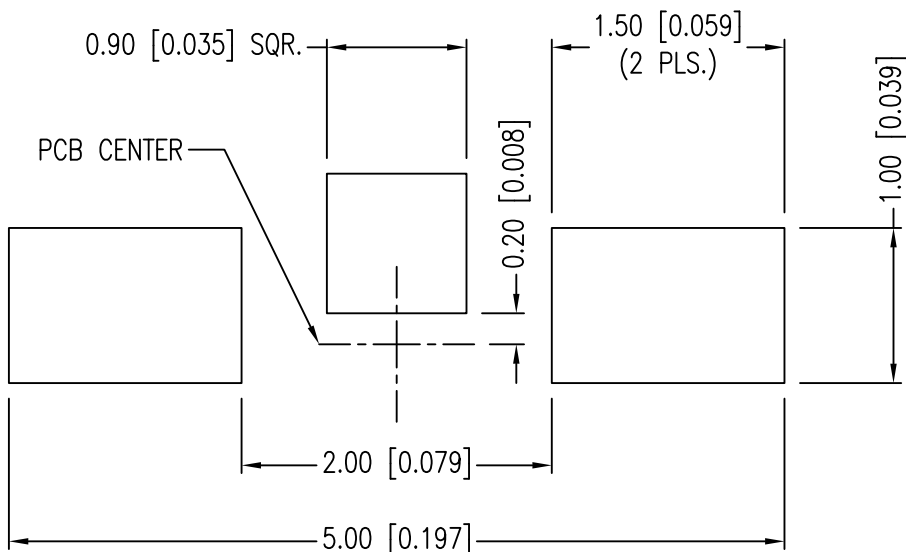




RECOMMENDED SOLDER PAD LAYOUT



PART NUMBER	SML-LXR85GC-TR	REV.	M
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
08.23.96	E.C.N. #10230.		A
10.24.96	E.C.N. #10263		B
05.02.97	E.C.N. #10338.		C
07.22.97	E.C.N. #10366.		D
09.19.97	E.C.N. #10380.		E
10.15.97	E.C.N. #10BRDR. & REDRAWN.		F
03.05.98	E.C.N. #10419.		G
10.23.98	E.C.N. #10471.		H
07.18.00	E.C.N. #10644.		I
07.30.01	E.C.N. #10BRDR. & #10771.		J
08.12.05	E.C.N. #11248.		K
03.18.11	E.C.N. #10BRDR. & REDRAWN/ #11704.		L
12.04.19	ECN-Lumex201900133		M

ELECTRO-OPTICAL CHARACTERISTICS TA =25°C If= 20mA					
PARAMETER	MIN	TYP.	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		2.2	2.6	Vf	
REVERSE VOLTAGE	5.0			Vr	Ir=100μA
AXIAL INTENSITY		12		mcd	If=20mA
VIEWING ANGLE		130		2x theta	
EMITTED COLOR:	GREEN				
EPOXY LENS FINISH:	WATER CLEAR				

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	65	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-25 TO +85	°C
STORAGE TEMP.	-30 TO +85	°C

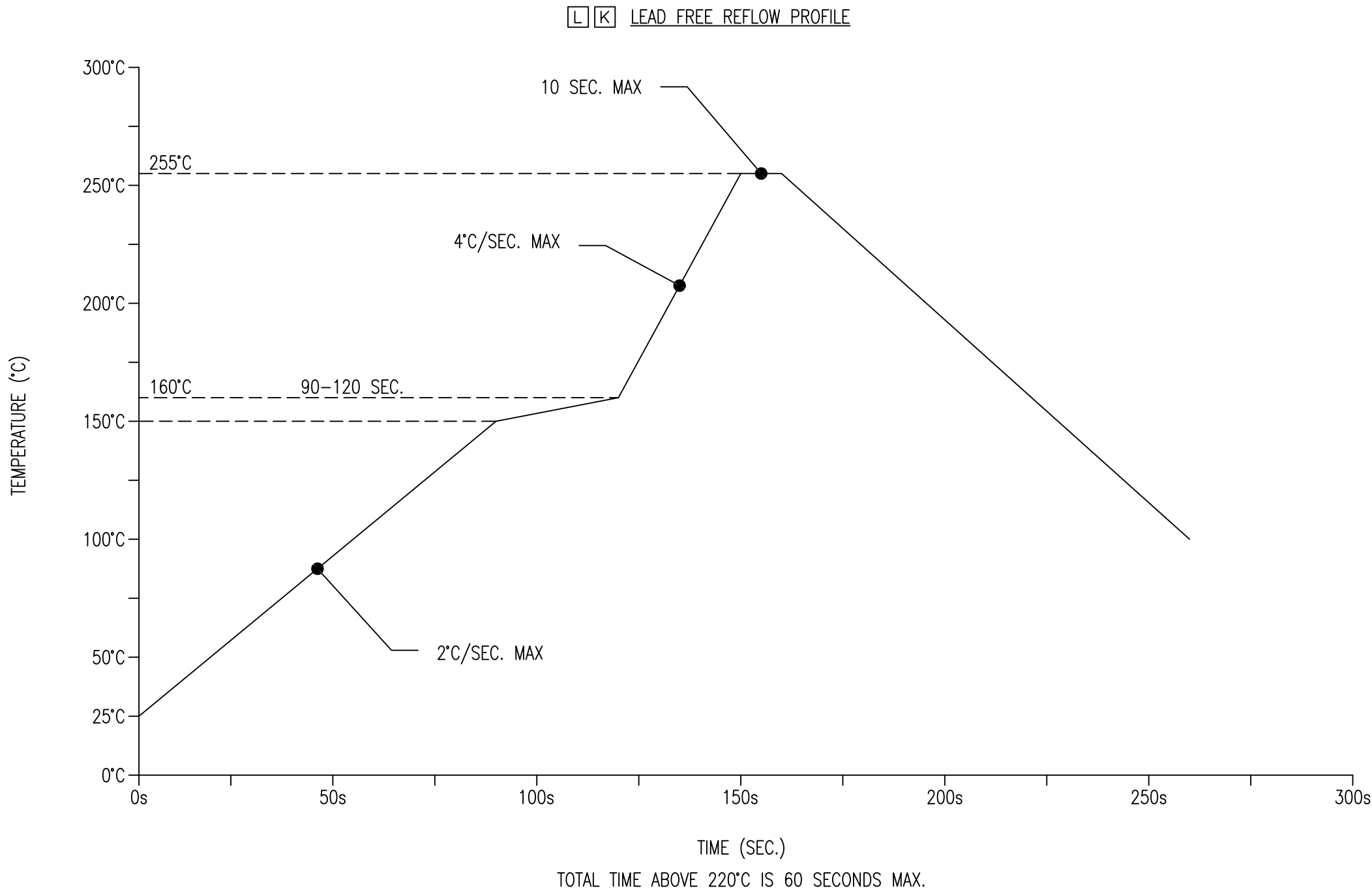
* t<10μS

CAUTION: MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 2a 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.= +0.00 -DECIMAL PRECISION

	425 N. GARY AVE. CAROL STREAM, IL 60188 PHONE: 800-278-5666 FAX: 630-315-2150 WEB: WWW.LUMEX.COM	0.5mm x 3.2mm PCB, RIGHT ANGLE SURFACE MOUNT LED, 565nm GREEN, WATER CLEAR LENS, 3K PER REEL.	DATE: 12.04.19		DRAWN BY: C.S.	
			PAGE: 1 OF 2		CHKD BY: E.C.	
			SCALE: NTS		APRVD BY: G.Y.	
			UNIT: mm [INCH]		(Rb)	

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- NOTES:**
- 1. 3,000 PIECES PER REEL.
 - 2. THE CATHODE IS ORIENTED TOWARDS THE TAPE SPROCKET HOLE.

