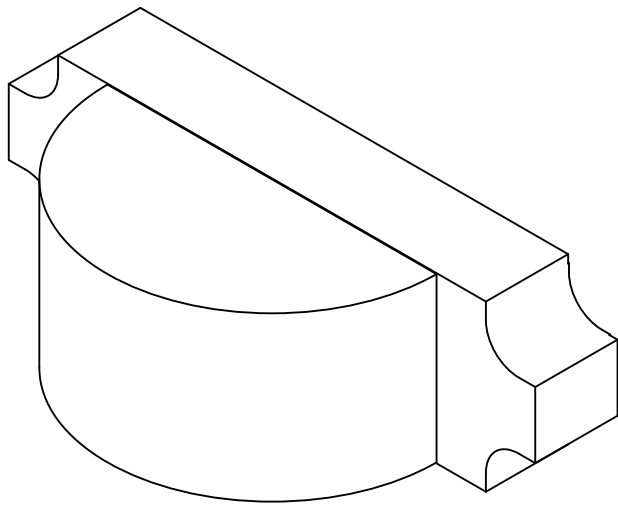
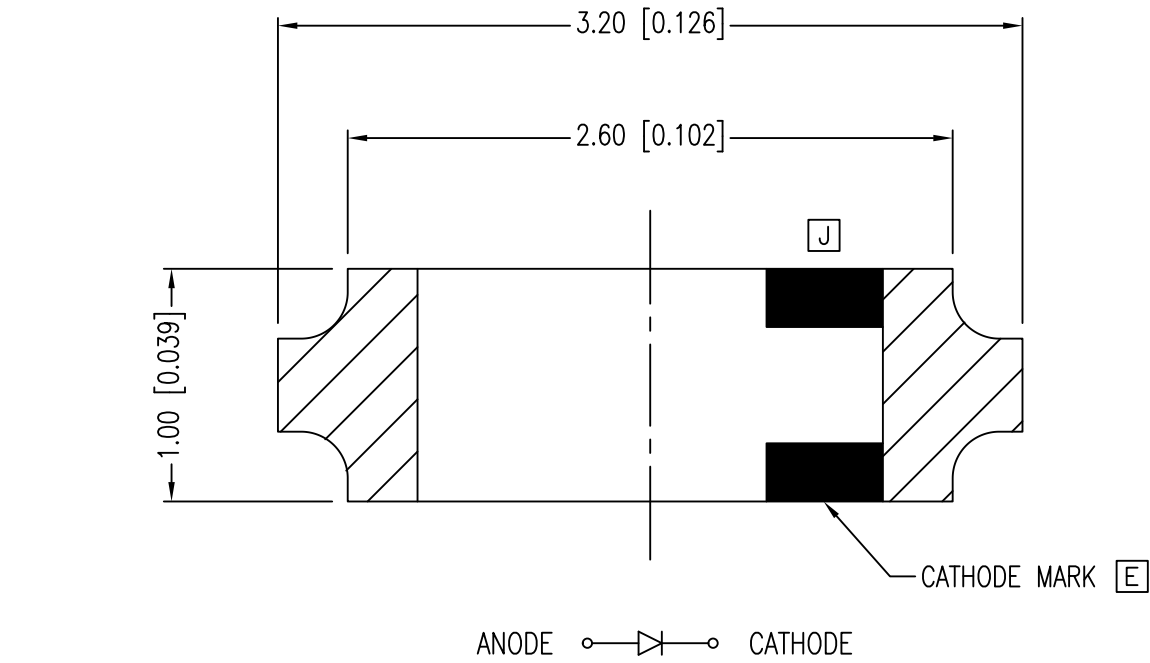
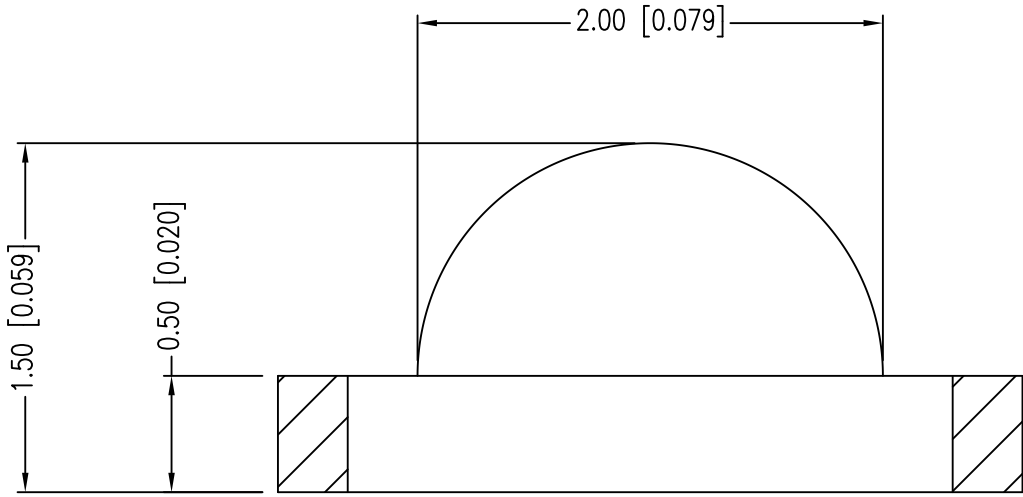


PART NUMBER	SML-LXR85SRC-TR	REV.	M
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
08.23.96	E.C.N. #10230.		A
10.24.96	E.C.N. #10263		B
05.02.97	E.C.N. #10338.		C
07.22.97	E.C.N. #10366.		D
09.19.97	E.C.N. #10380.		E
10.15.97	E.C.N. #10BRDR. & REDRAWN.		F
03.05.98	E.C.N. #10419.		G
10.23.98	E.C.N. #10471.		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
12.06.19	ECN-Lumex201900133		M



ELECTRO-OPTICAL CHARACTERISTICS TA =25°C If= 20mA					
PARAMETER	MIN	TYP.	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660		nm	
FORWARD VOLTAGE		1.7	2.2	Vf	
REVERSE VOLTAGE	5.0			Vr	Ir=100μA
AXIAL INTENSITY		30		mcd	If=20mA
VIEWING ANGLE		160		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	WATER CLEAR				

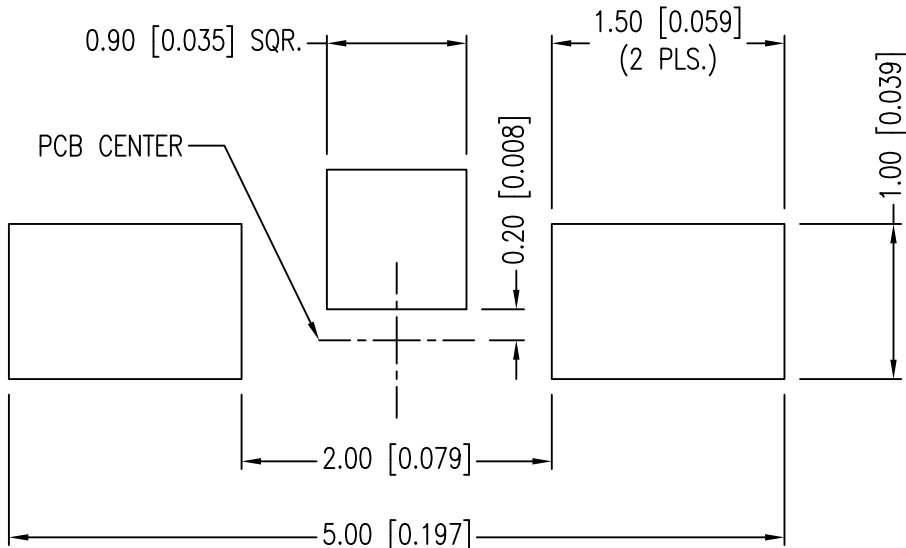
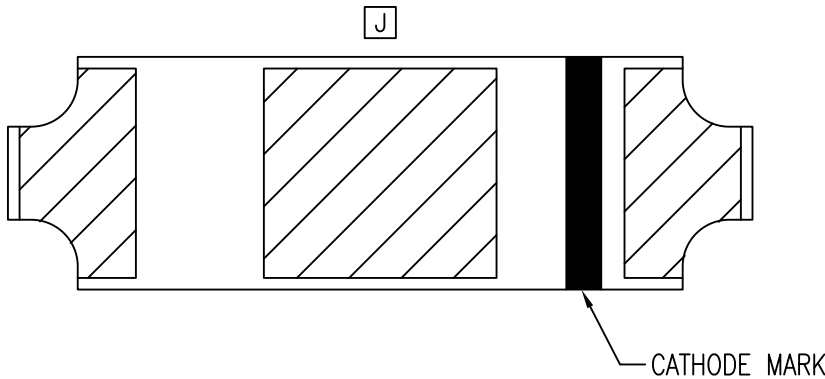


LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	80	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-25 TO +85	°C
STORAGE TEMP.	-30 TO +85	°C

* t<10μS

[M] [L]	CAUTION: MOISTURE SENSITIVE DEVICE PER JEDEC LEVEL 2a STANDARDS
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[H] RECOMMENDED SOLDER PAD LAYOUT



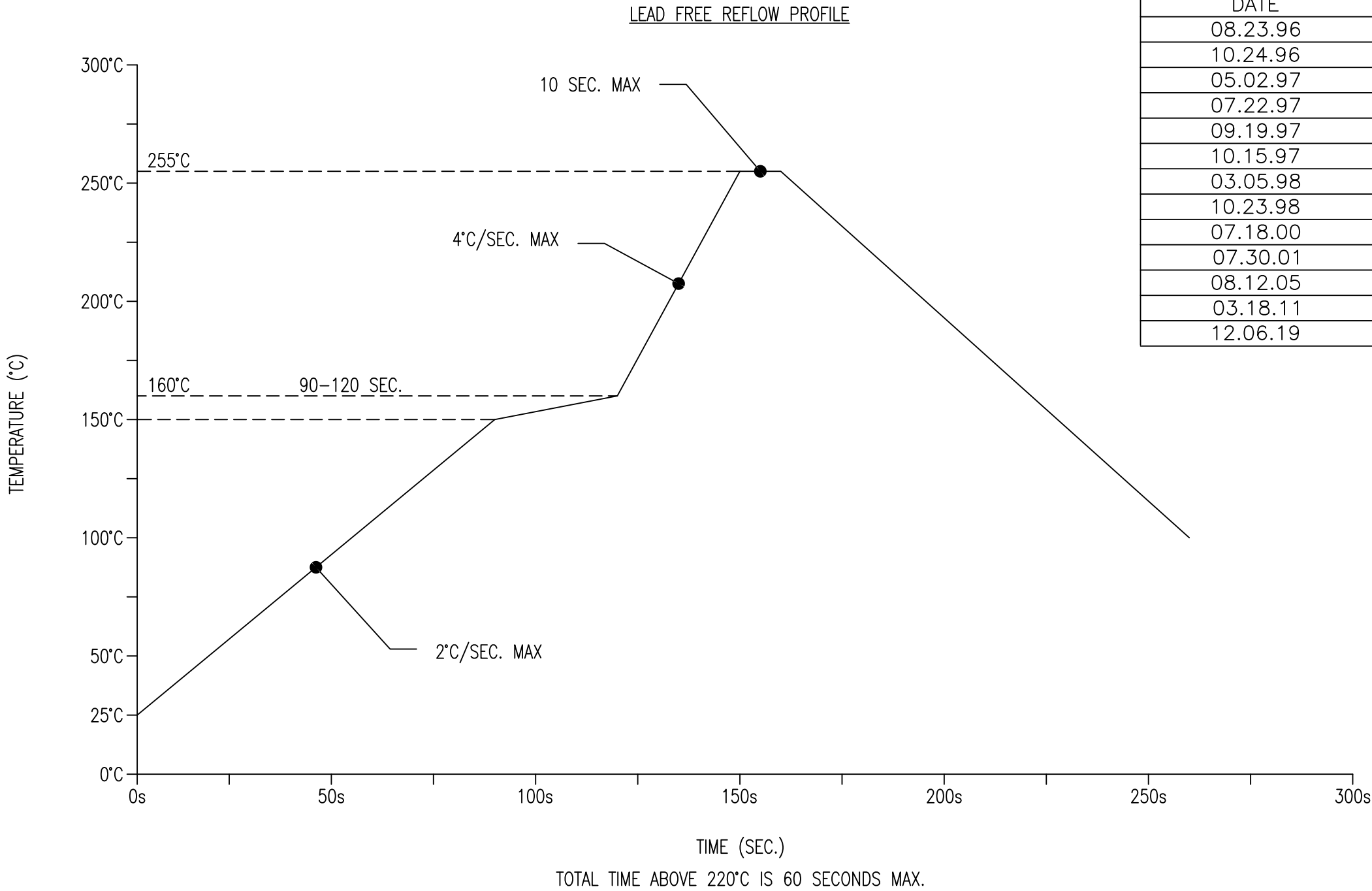
*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN.= +DECIMAL PRECISION -0.00 MAX.= +0.00 -DECIMAL PRECISION

	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, 660nm RED, WATER CLEAR LENS, 3K PER REEL.	DATE: 12.06.19	DRAWN BY: C.S.
			PAGE: 1 OF 2	CHKD BY: E.C.
			SCALE: NTS	APRVD BY: G.Y.
			UNIT: mm [INCH]	(Rb)

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE.

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12.06.19	ECN-Lumex201900133		M



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

