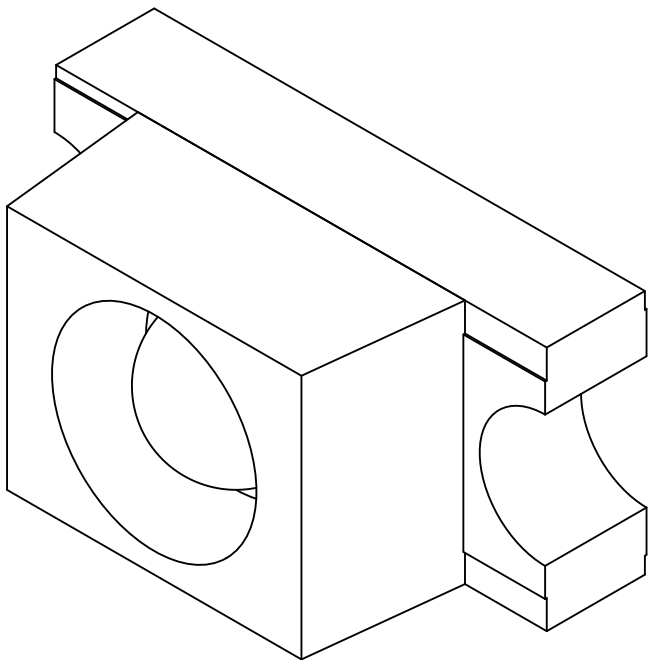
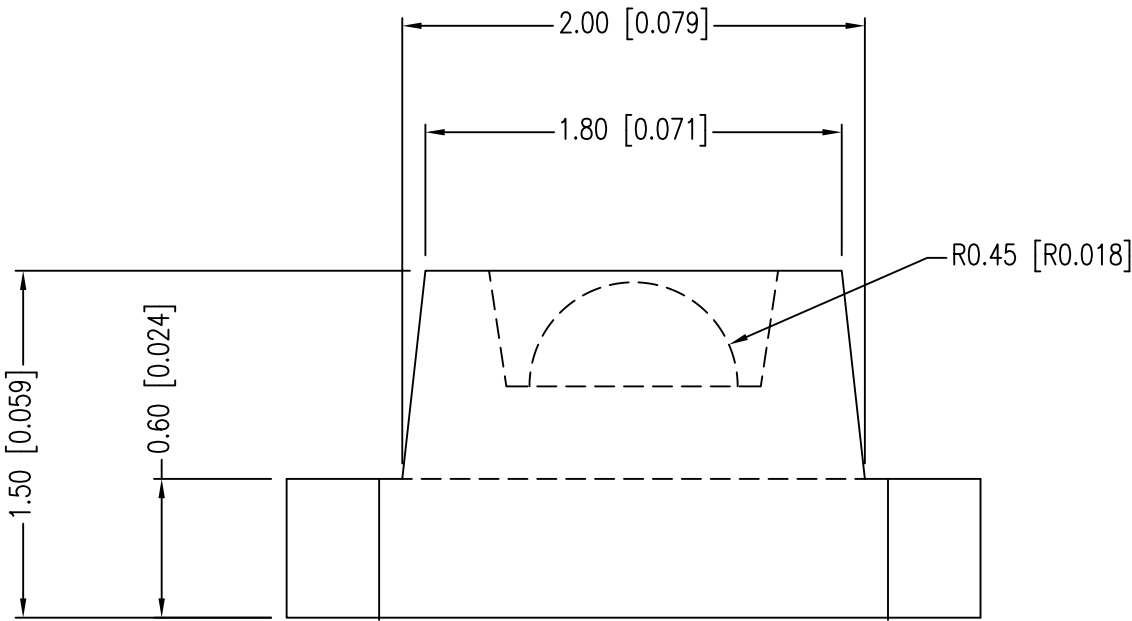
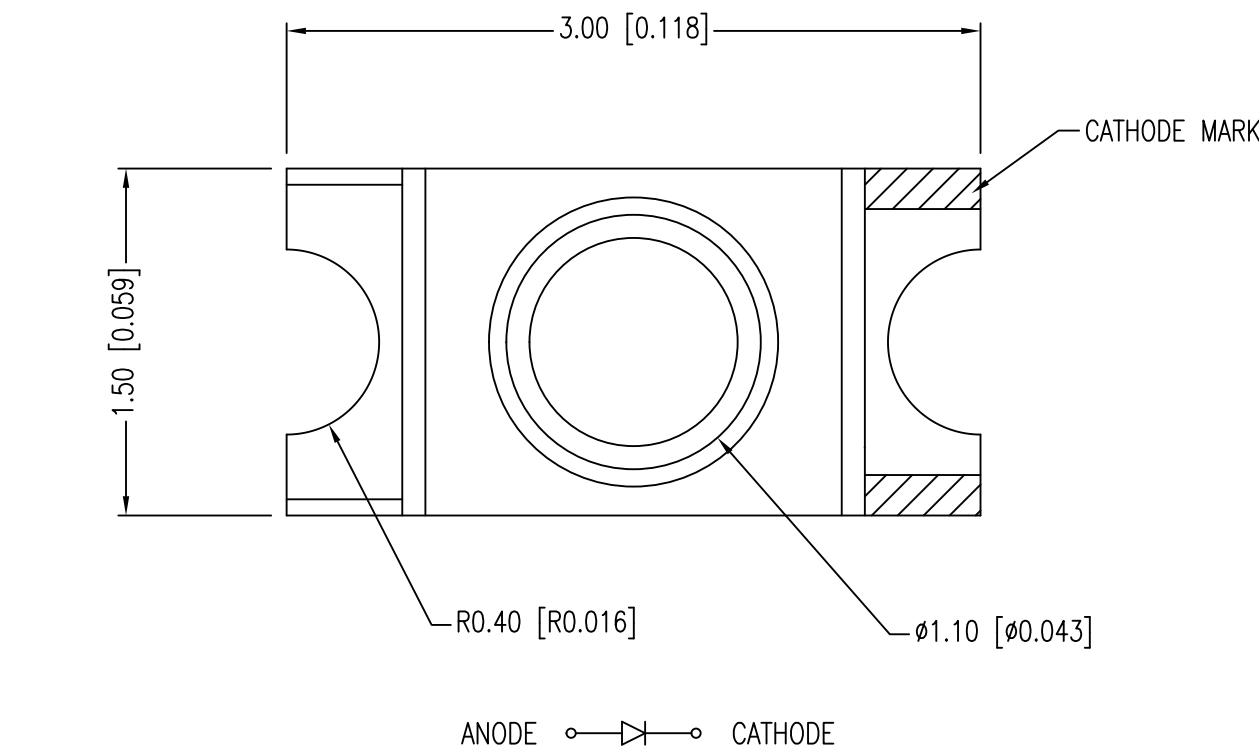
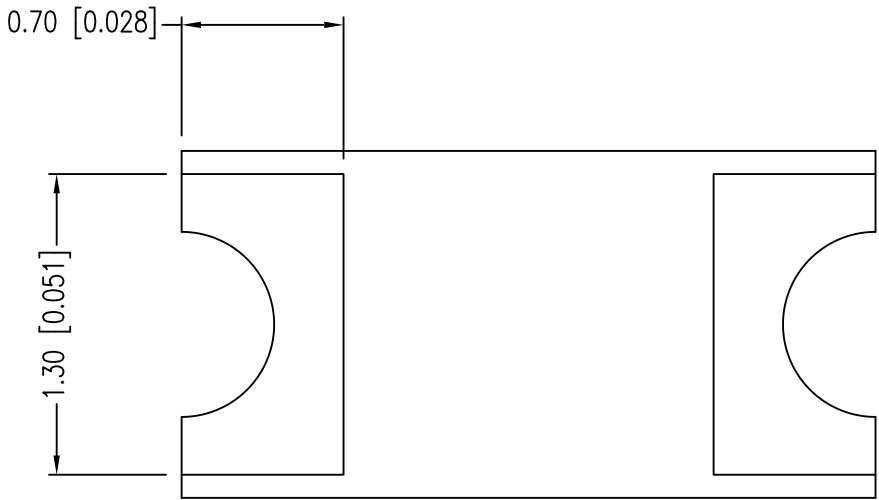
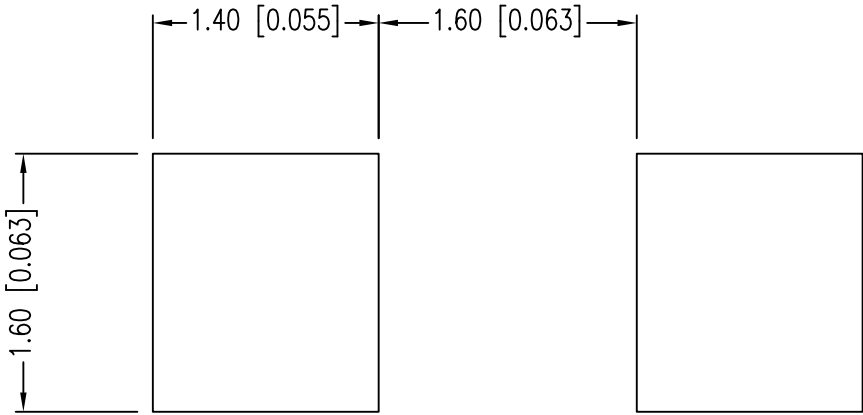




RECOMMENDED SOLDER PAD LAYOUT



PART NUMBER	SML-LXL1206SRC-TR	REV.	I
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
03.30.98	E.C.N. #10BRDR. & REDRAWN.		A
01.08.01	E.C.N. #10BRDR. & REDRAWN IN 3D.		B
05.31.01	E.C.N. #10750.		C
09.08.01	E.C.N. #10784.		D
03.14.03	E.C.N. #10967.		E
03.17.05	E.C.N. #11148.		F
05.26.10	E.C.N. #11508.		G
10.12.10	E.C.N. #11665.		H
12.11.18	ECN-Lumex201800190		I

[H] ELECTRO-OPTICAL CHARACTERISTICS T _A =25°C I _f =20mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660		nm	
FORWARD VOLTAGE		1.7	2.2	V _f	
REVERSE VOLTAGE	5.0			V _r	I _r =100uA
AXIAL INTENSITY		90		mcd	I _f =20mA
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	WATER CLEAR LENS				

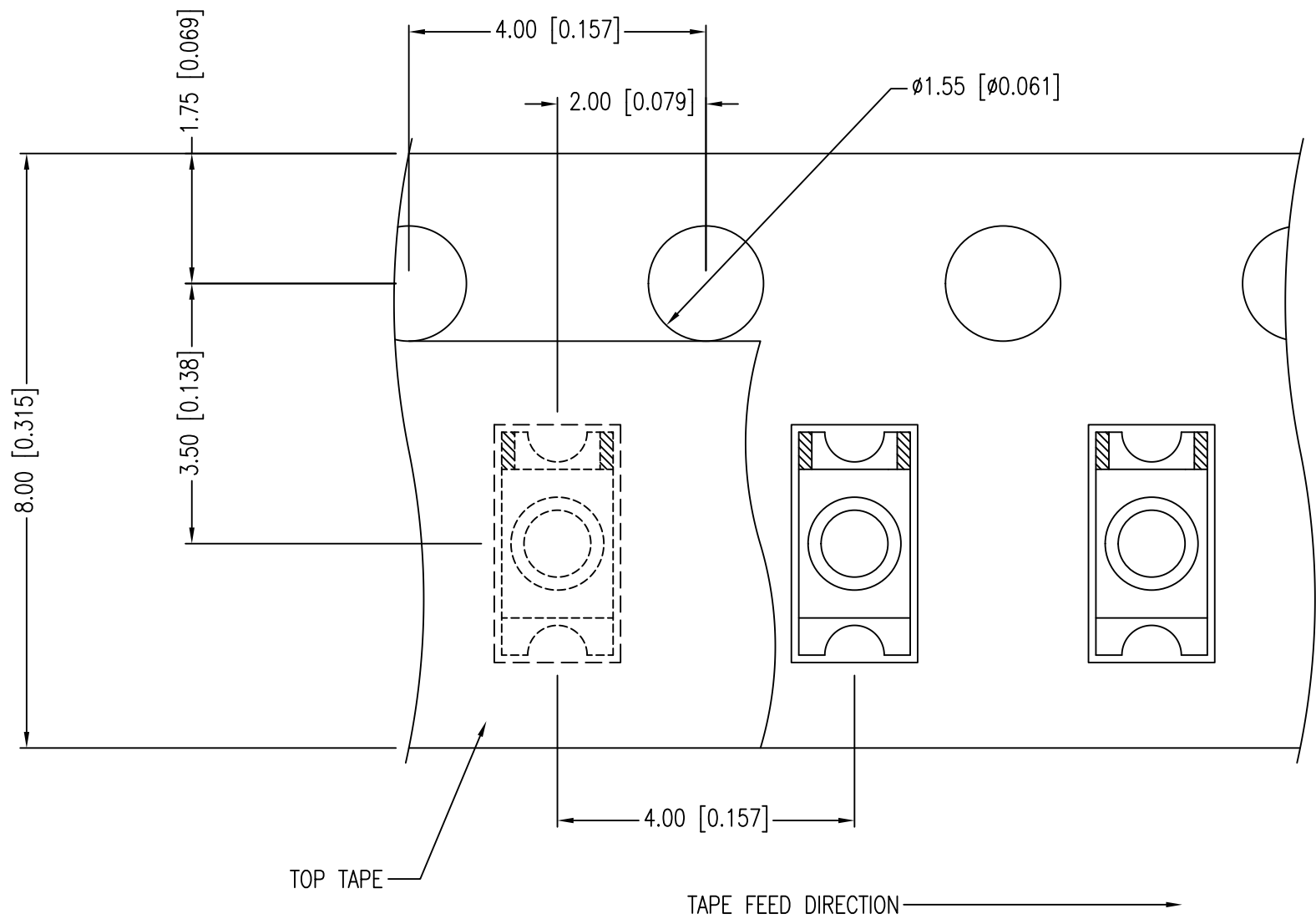
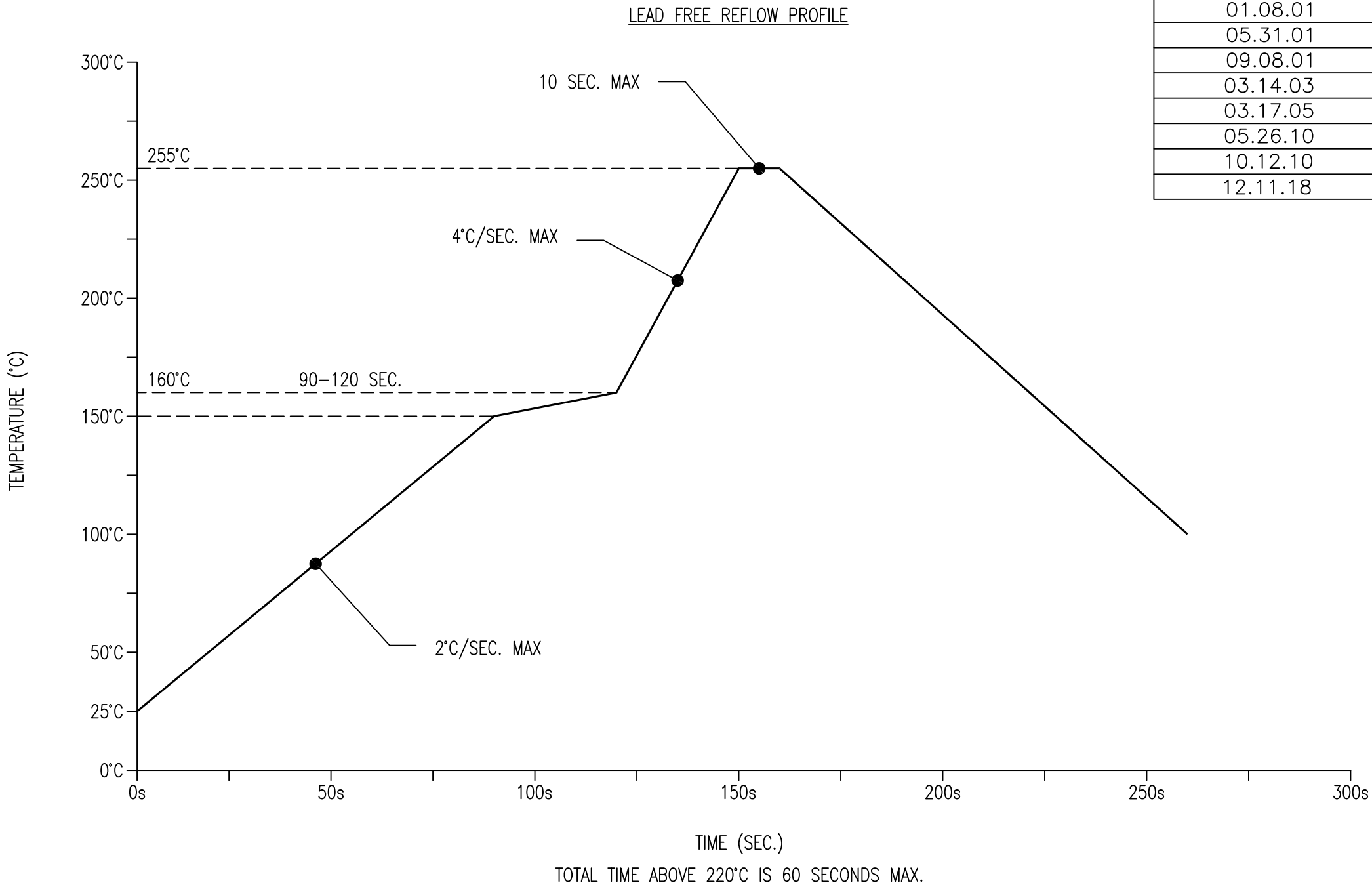
LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	160	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	60	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +90	°C

* t<10uS

[I][G][D]	CAUTION: MOISTURE SENSITIVE DEVICE PER JEDEC LEVEL 3 STANDARDS
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- NOTES:
1. THE CATHODE IS ORIENTED TOWARDS THE TAPE SPROCKET HOLE.

PART NUMBER	SML-LXL1206SRC-TR	REV.	I
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
03.30.98	E.C.N. #10BRDR. & REDRAWN.		A
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10.12.10	E.C.N. #11665.		H
12.11.18	ECN-Lumex201800190		I



*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= $\begin{matrix} +\text{DECIMAL PRECISION} \\ -0.00 \end{matrix}$ MAX.= $\begin{matrix} +0.00 \\ -\text{DECIMAL PRECISION} \end{matrix}$



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3.0mm x 1.5mm x 1.5mm PCB SURFACE MOUNT WITH LENS, 660nm RED LED, WATER CLEAR LENS, TAPE & REEL.

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE.

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UNCONTROLLED DOCUMENT

DATE: 01.27.97	DRAWN BY: C.S.
PAGE: 2 OF 2	CHKD BY: E.C.
SCALE: NTS	APRVD BY: G.Y.
UNIT: mm [INCH]	