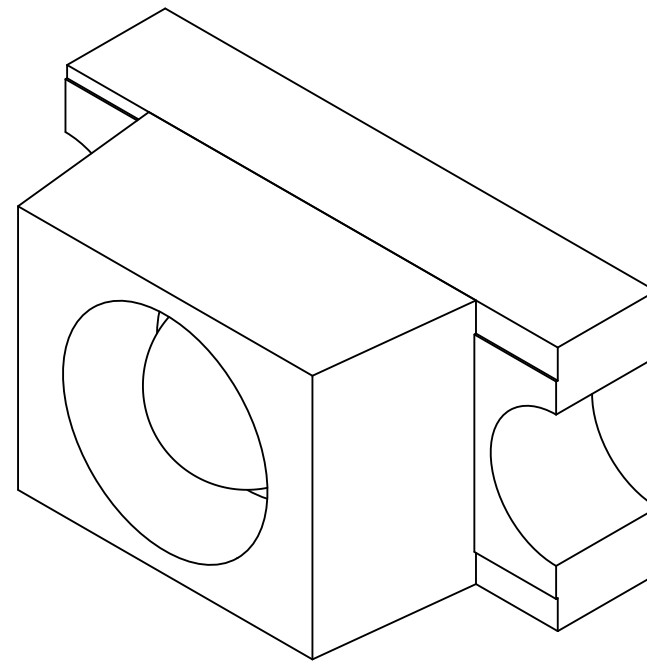
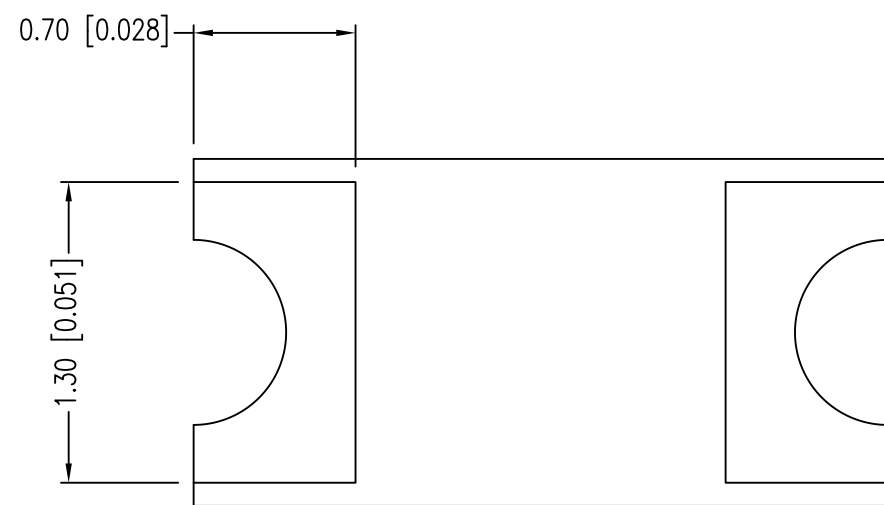
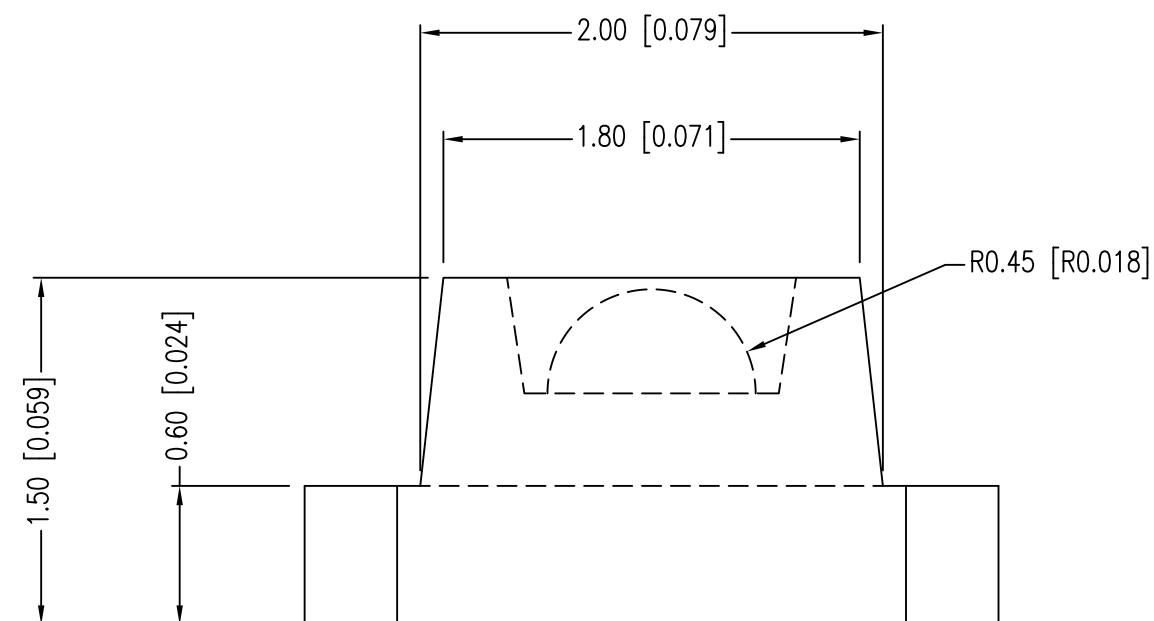
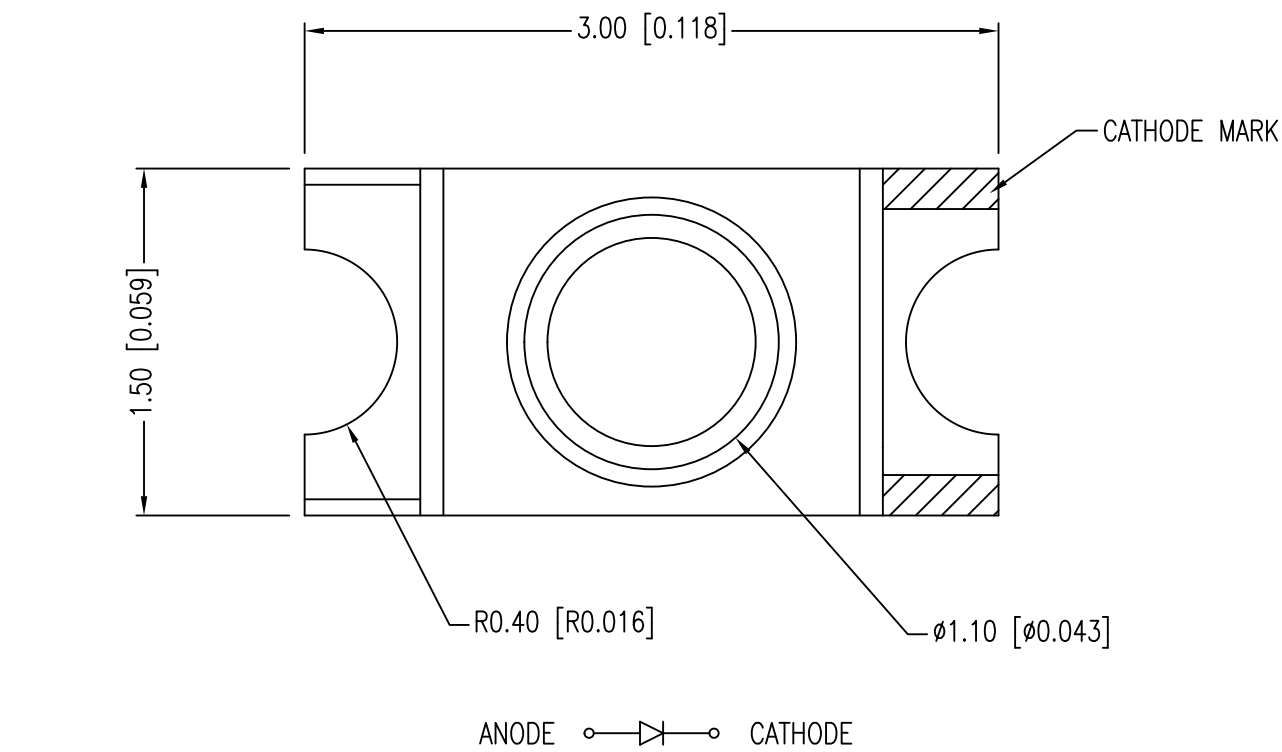
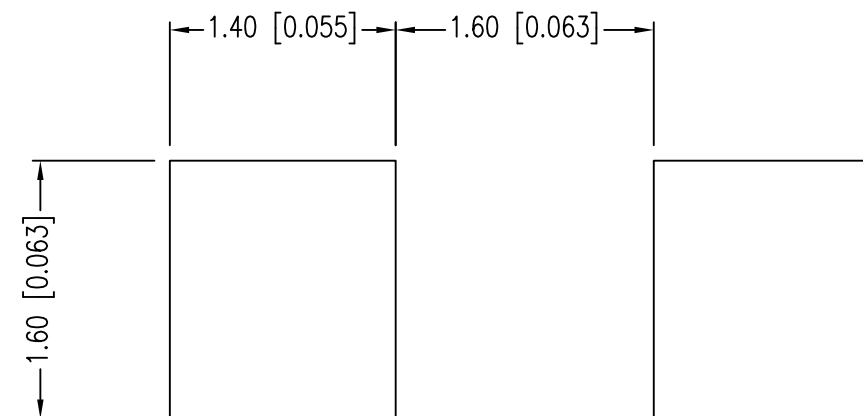


UNCONTROLLED DOCUMENT



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 $T_A=25^{\circ}\text{C}$ $I_f=20\text{mA}$					
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	$I_r=100\mu\text{A}$
AXIAL INTENSITY		90		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	WATER CLEAR LENS				

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

* $t < 10 \mu\text{s}$

IGD CAUTION: MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 3 STANDARDS

NOTES:

1. THE CATHODE 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.= $\frac{+DECIMAL\ PRECISION}{-0.00}$ MAX.= $\frac{+0.00}{-DECIMAL\ PRECISION}$



425 N. GARY AVE.
CAROL STREAM, IL 60188-4900
PHONE: 800-278-5666
FAX: 630-315-2152
WEB: WWW.LUMEX.COM

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.****

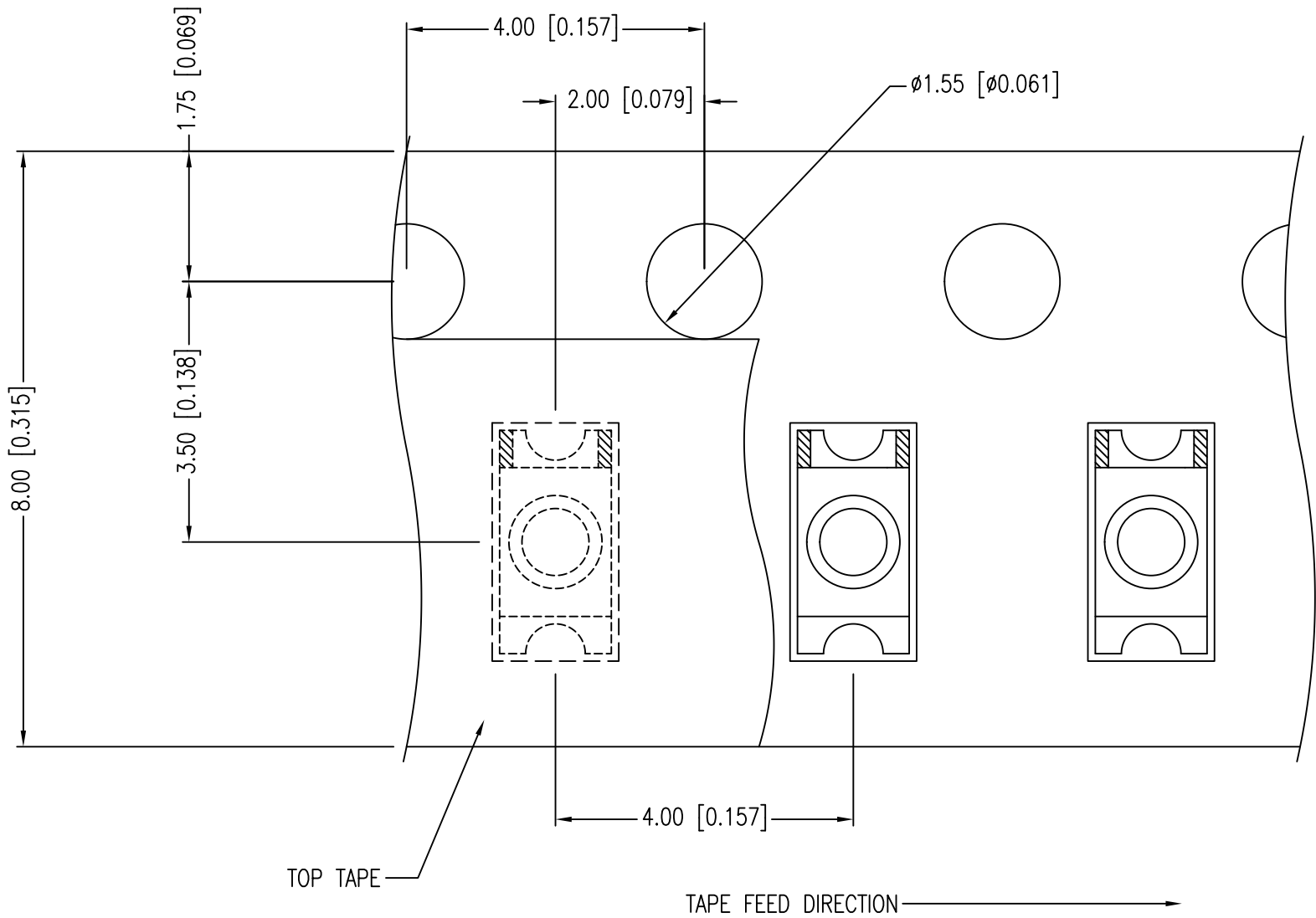
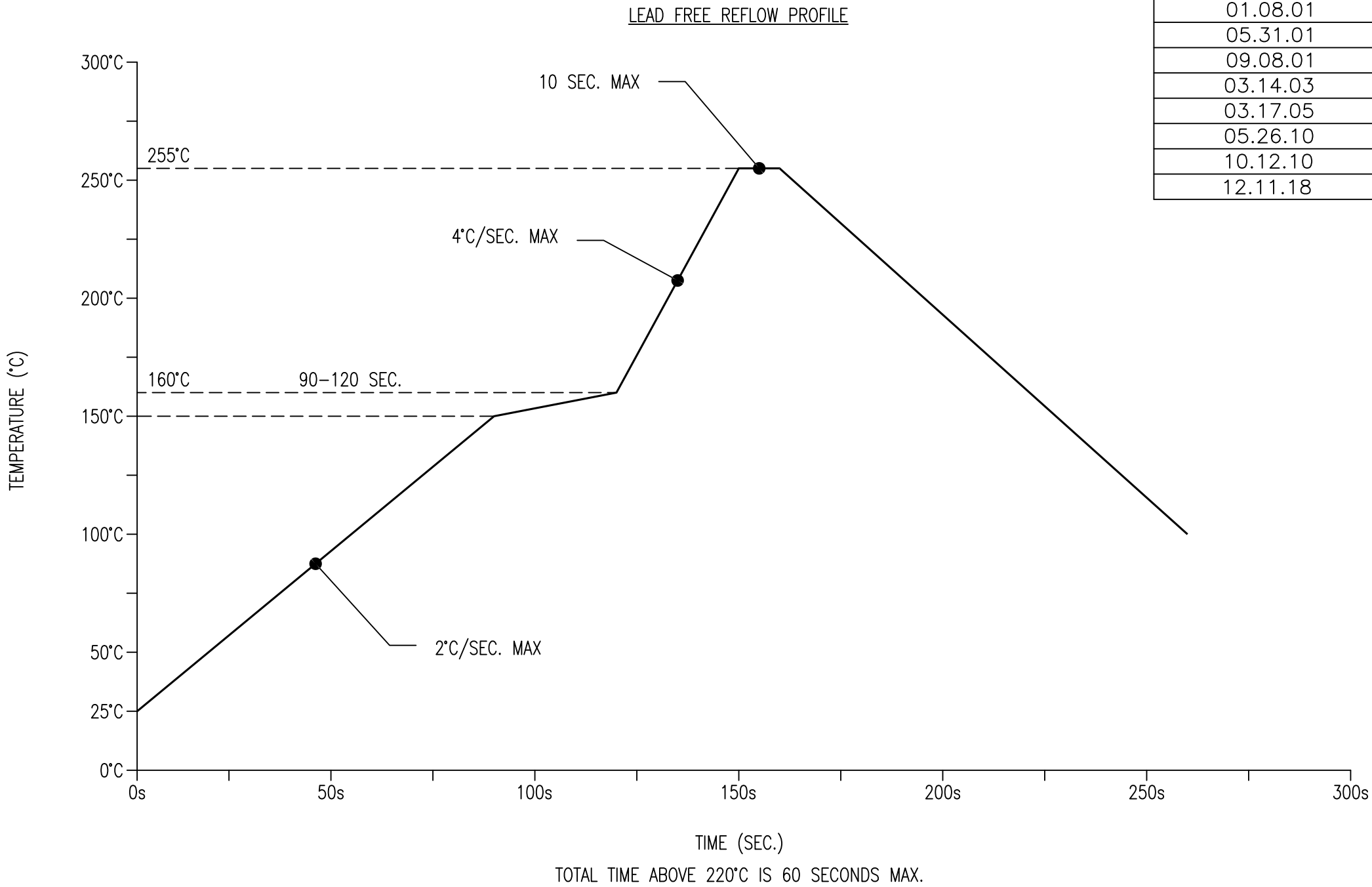
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DATE: 01.27.97	DRAWN BY: C.S.
PAGE: 1 OF 2	CHKD BY: E.C.
SCALE: NTS	APRVD BY: G.Y.
UNIT: mm [INCH]	(Pb)

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	425 N. GARY AVE. CAROL STREAM, IL 60188-4900 PHONE: 800-278-5666 FAX: 630-315-2152 WEB: WWW.LUMEX.COM	3.0mm x 1.5mm x 1.5mm PCB SURFACE MOUNT WITH LENS, 660nm RED LED, WATER CLEAR LENS, TAPE & REEL.	DATE: 01.27.97	DRAWN BY: C.S.
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			SCALE: NTS	APRVD BY: G.Y.
			UNIT: mm [INCH]	

Mouser Electronics

Authorized Distributor

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[SML-LXL1206SRC-TR](#)