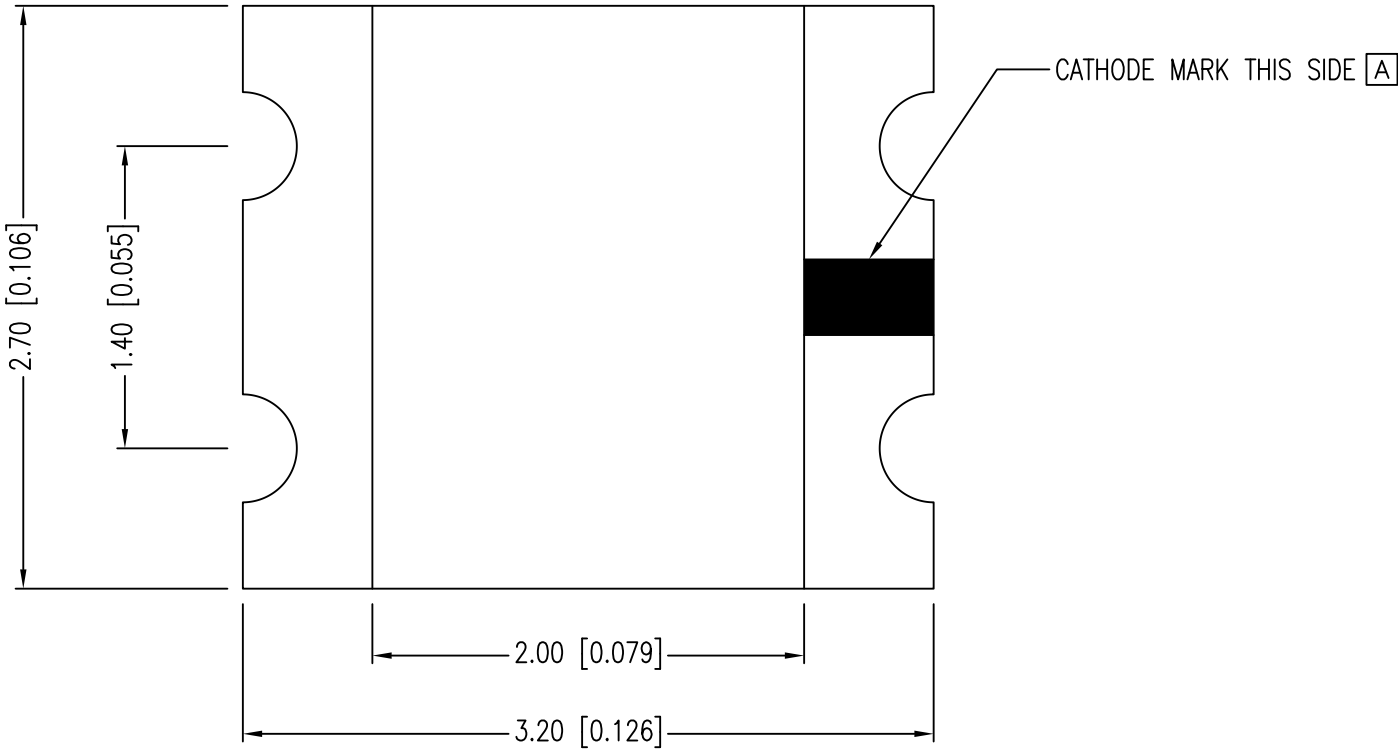
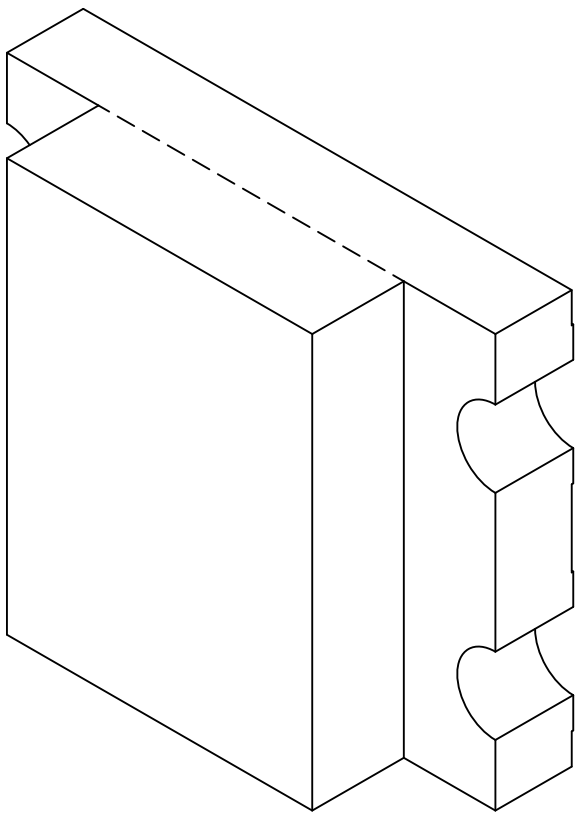
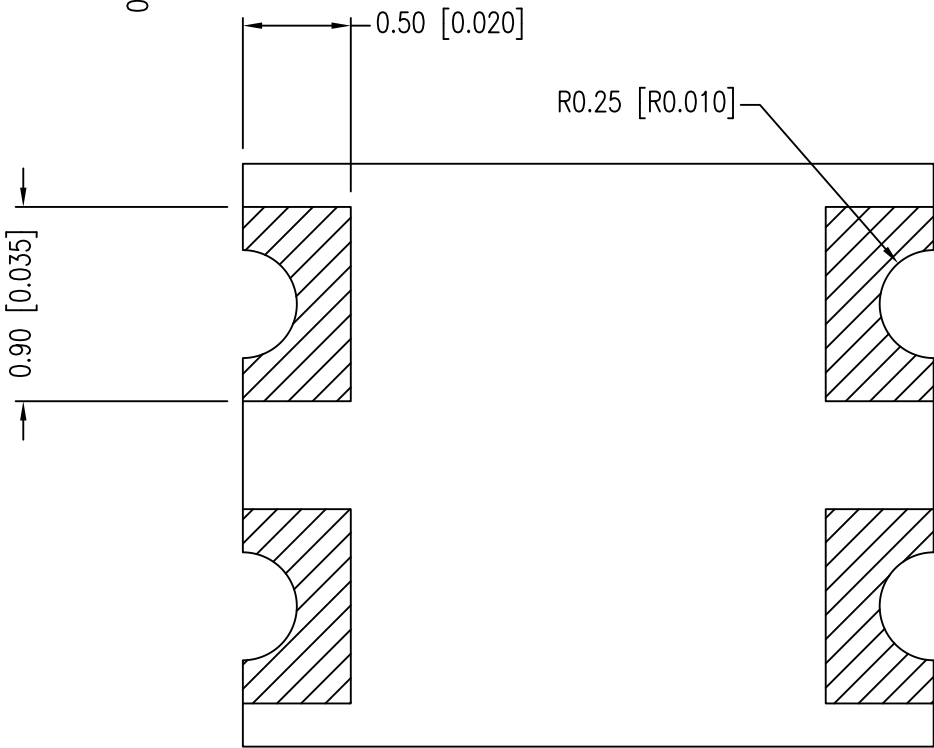
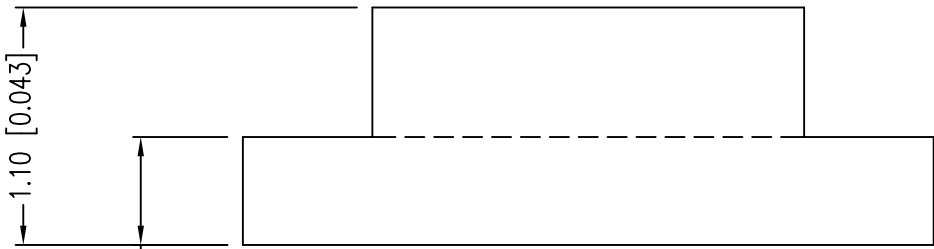


PART NUMBER	SML-LX1210IIC-TR	REV.	E
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
01.25.02	E.C.N. #10834.		A
03.27.03	E.C.N. #10972.		B
03.10.09	E.C.N. #11508.		C
07.22.11	E.C.N. #10BRDR. & REDRAWN.		D
11.14.18	ECN-Lumex201800168		E



ANODE  CATHODE



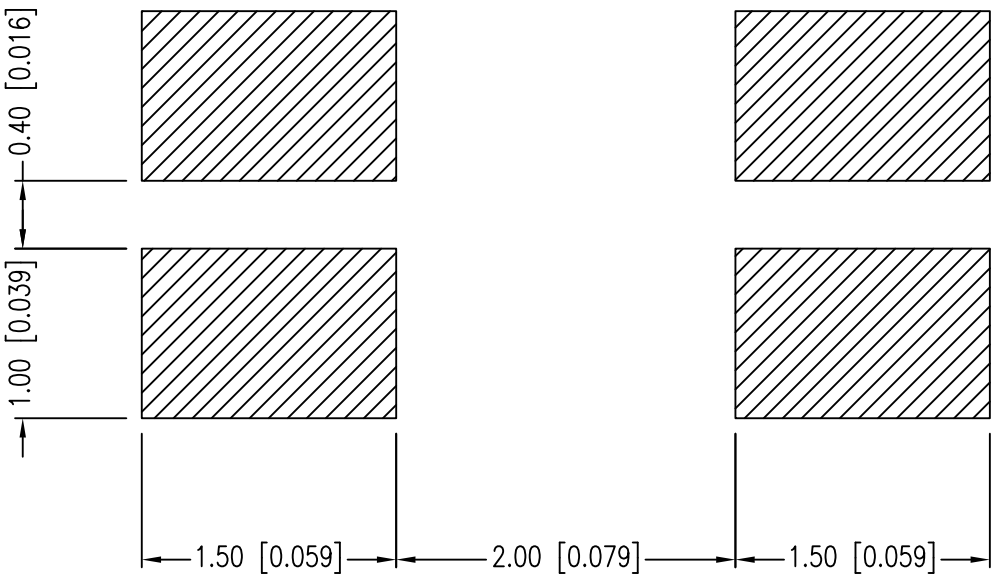
ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA					
PARAMETER	MIN	TYP	MAX	UNITS	UNITS
PEAK WAVELENGTH		635		nm	
FORWARD VOLTAGE		2.0	2.6	Vf	
REVERSE VOLTAGE	5.0			Vr	Ir=100µA
AXIAL INTENSITY		10		mcd	If=20mA
VIEWING ANGLE		160		2x theta 1/2	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	WATER CLEAR				

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
STEADY CURRENT	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 3 STANDARDS

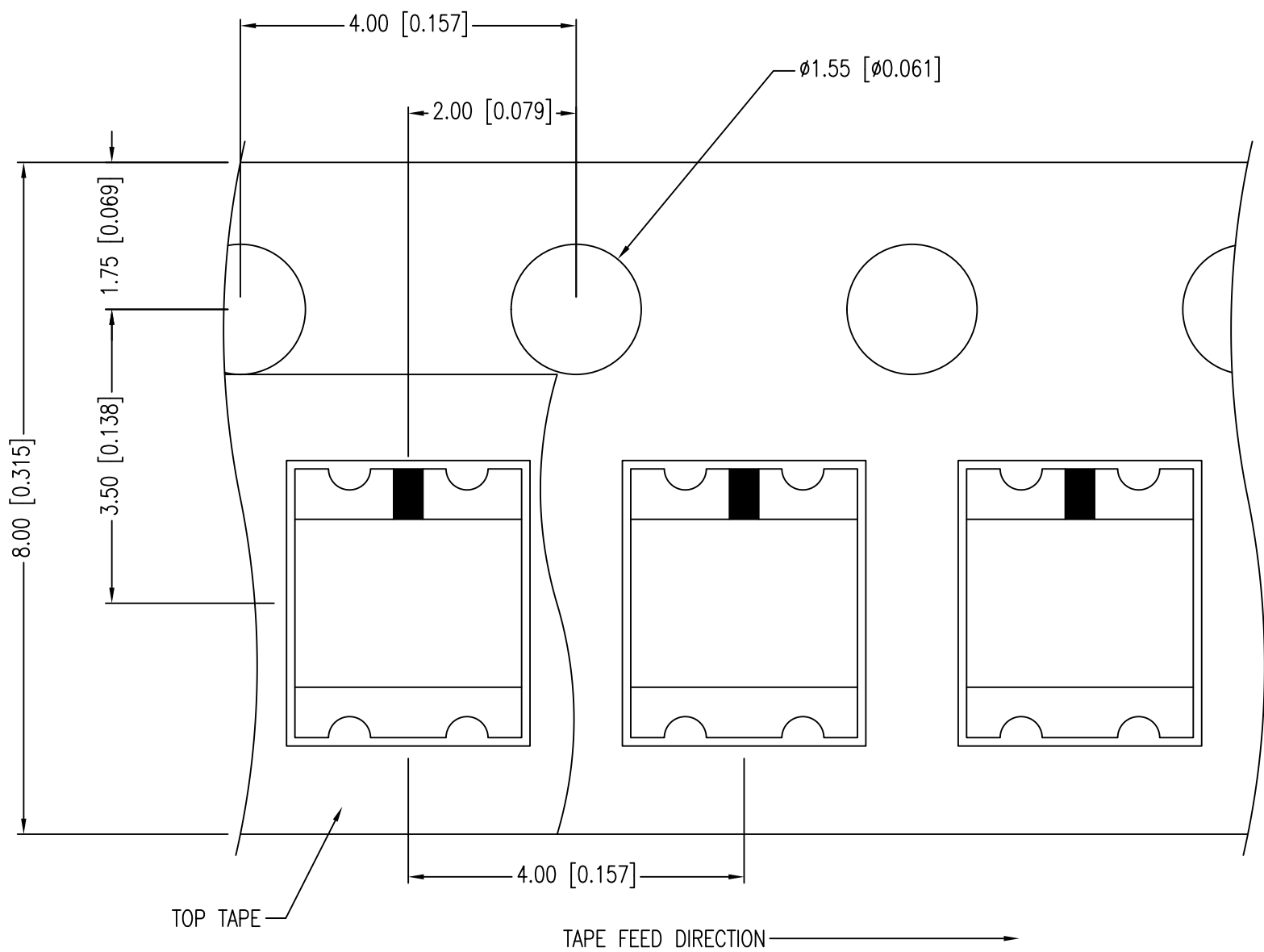
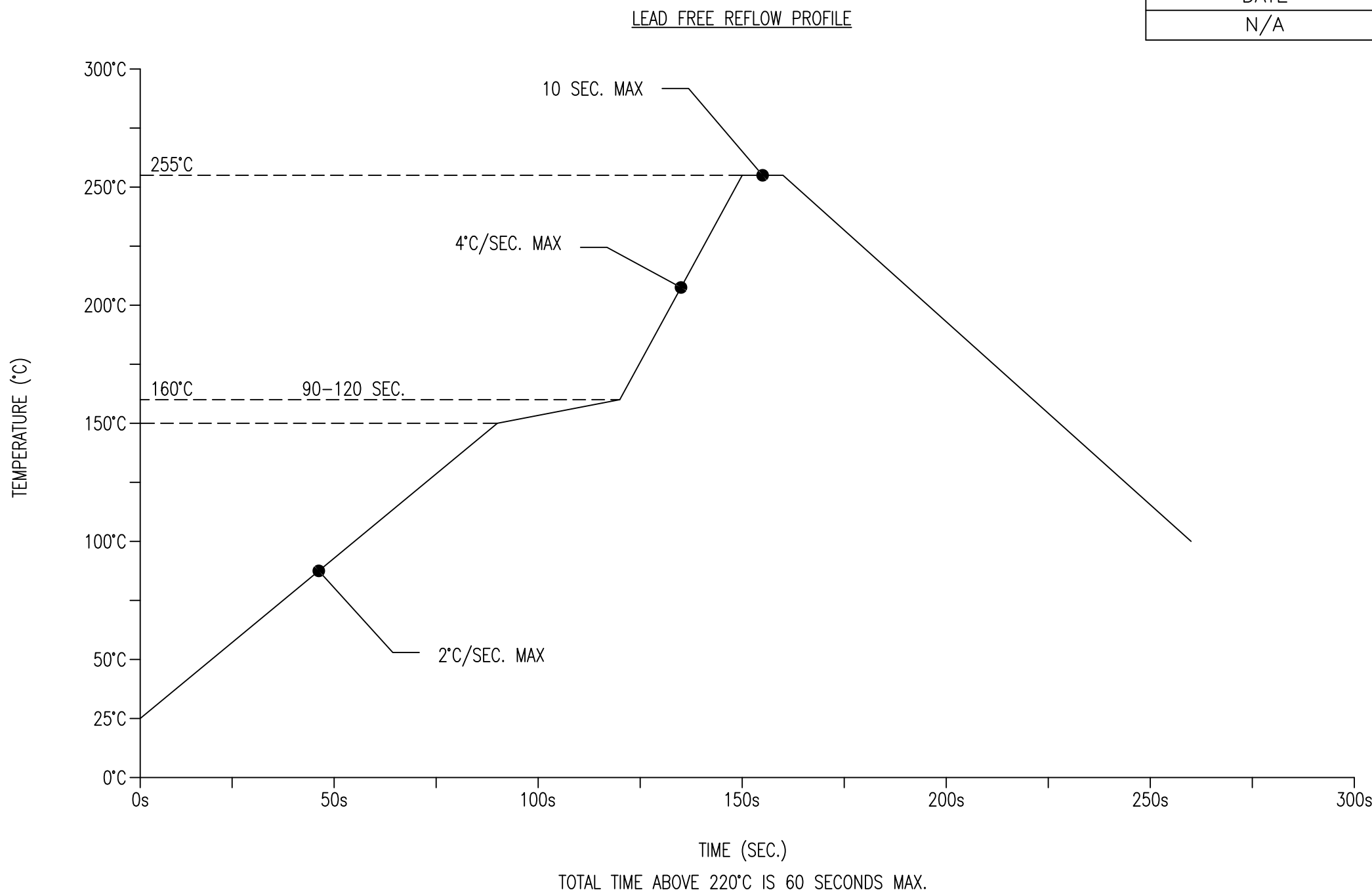
RECOMMENDED SOLDER PAD LAYOUT



*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} UNCONTROLLED DOCUMENT

 425 N. GARY AVE. CAROL STREAM, IL 60188-4900 PHONE: 800-278-5666 FAX: 630-315-2152 WEB: WWW.LUMEX.COM	2.7x 3.2mm P.C.B. SURFACE MOUNT LED, DUAL 635nm RED CHIPS, WATER CLEAR LENS, TAPE & REEL.		DATE: 11.14.18	DRAWN BY: C.S.
	THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE.		PAGE: 1 OF 2	CHKD BY: E.C.
	CONFIDENTIAL INFORMATION THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.		SCALE: NTS	APRVD BY: G.Y.
			UNIT: mm [INCH]	

PART NUMBER	SML-LX1210IIC-TR	REV.	E
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
N/A	FOR REVISION HISTORY PLEASE SEE PAGE 1		N/A



- NOTES:
1. THE CATHODE IS ORIENTED TOWARDS THE TAPE SPROCKET HOLE.
 2. LOCATION FOR CATHODE MARK CAN BE EITHER ON THE TOP OR BOTTOM OF THE PART.