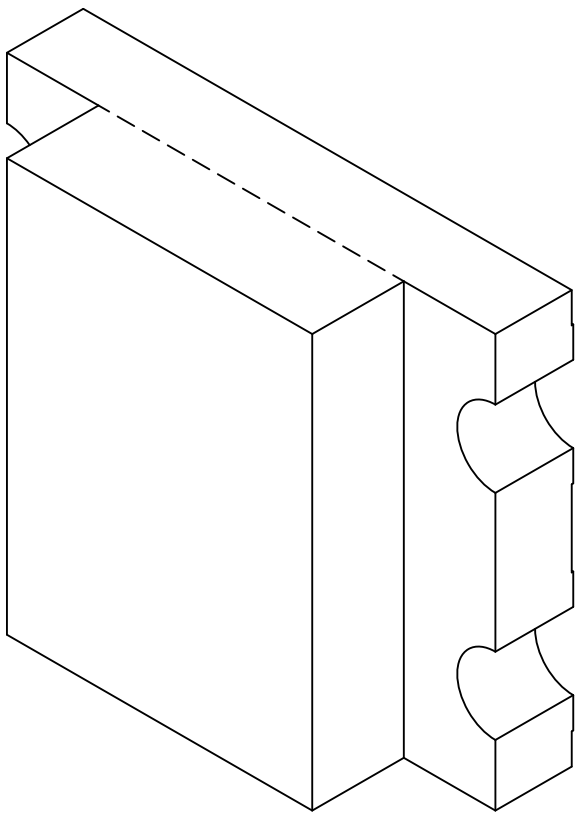
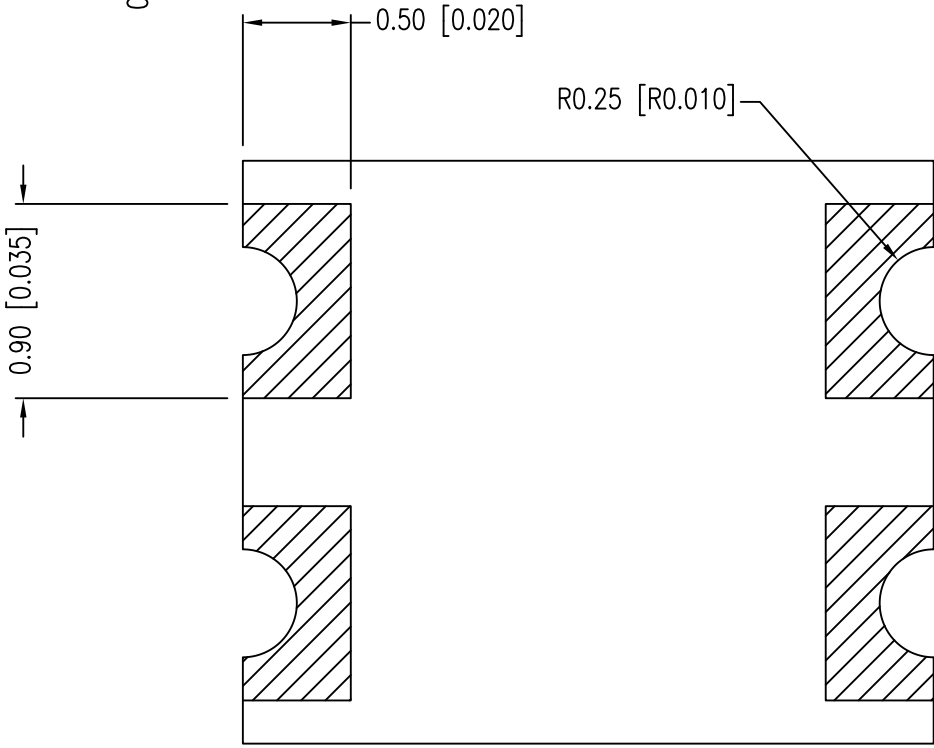
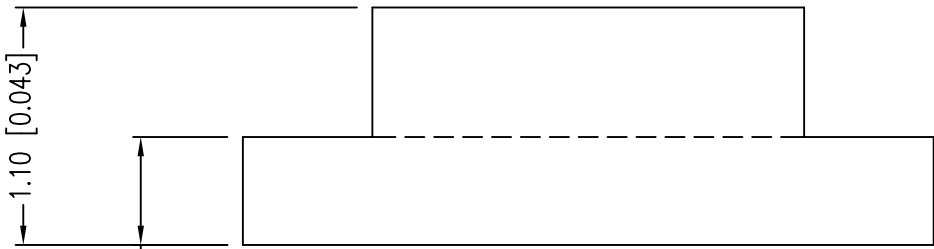
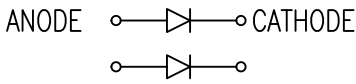
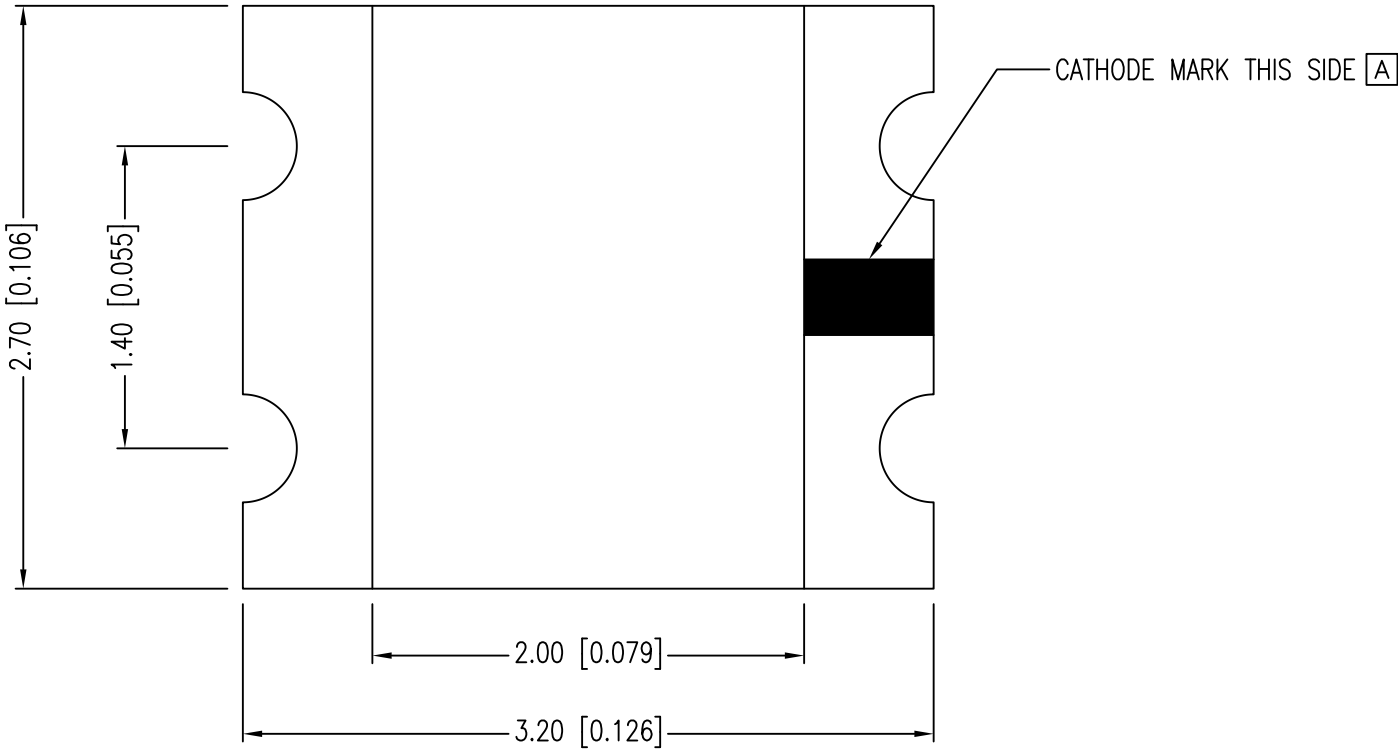


PART NUMBER	SML-LX1210IIC-TR	REV.	E
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
01.25.02	E.C.N. #10834.		A
03.27.03	E.C.N. #10972.		B
03.10.09	E.C.N. #11508.		C
07.22.11	E.C.N. #10BRDR. & REDRAWN.		D
11.14.18	ECN-Lumex201800168		E



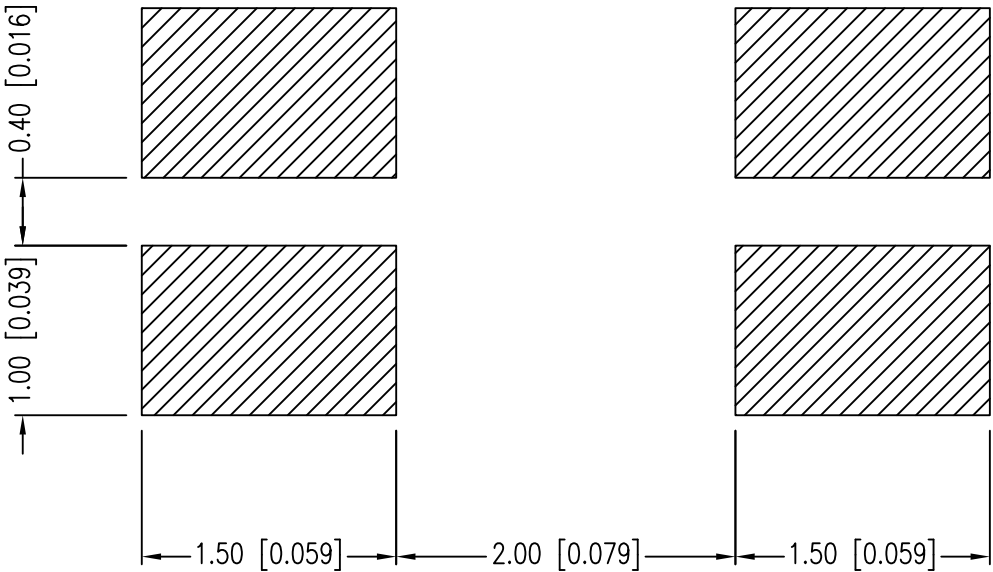
ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA					
PARAMETER	MIN	TYP	MAX	UNITS	UNITS
PEAK WAVELENGTH		635		nm	
FORWARD VOLTAGE		2.0	2.6	Vf	
REVERSE VOLTAGE	5.0			Vr	Ir=100µA
AXIAL INTENSITY		10		mcd	If=20mA
VIEWING ANGLE		160		2x theta 1/2	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	WATER CLEAR				

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

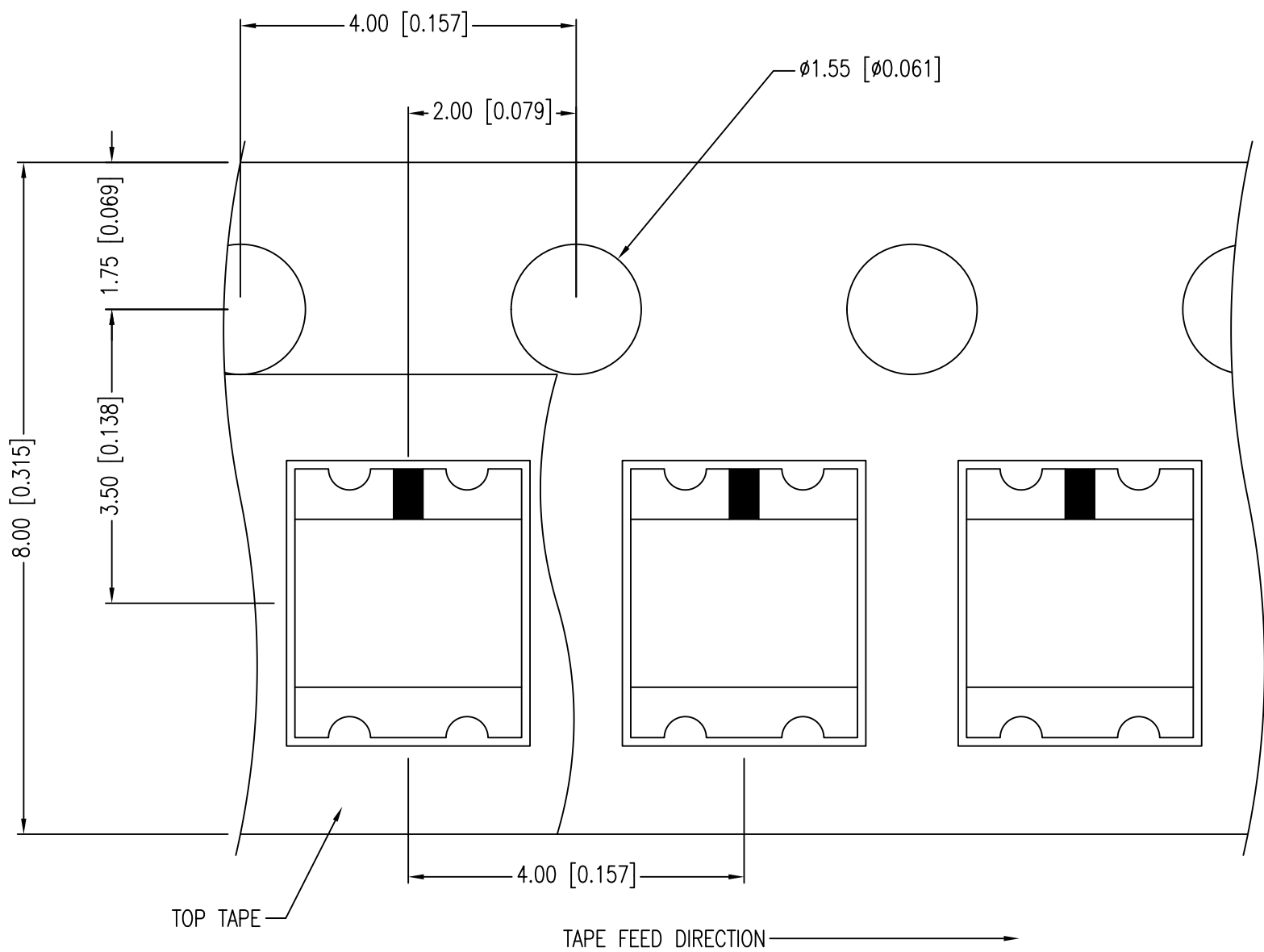
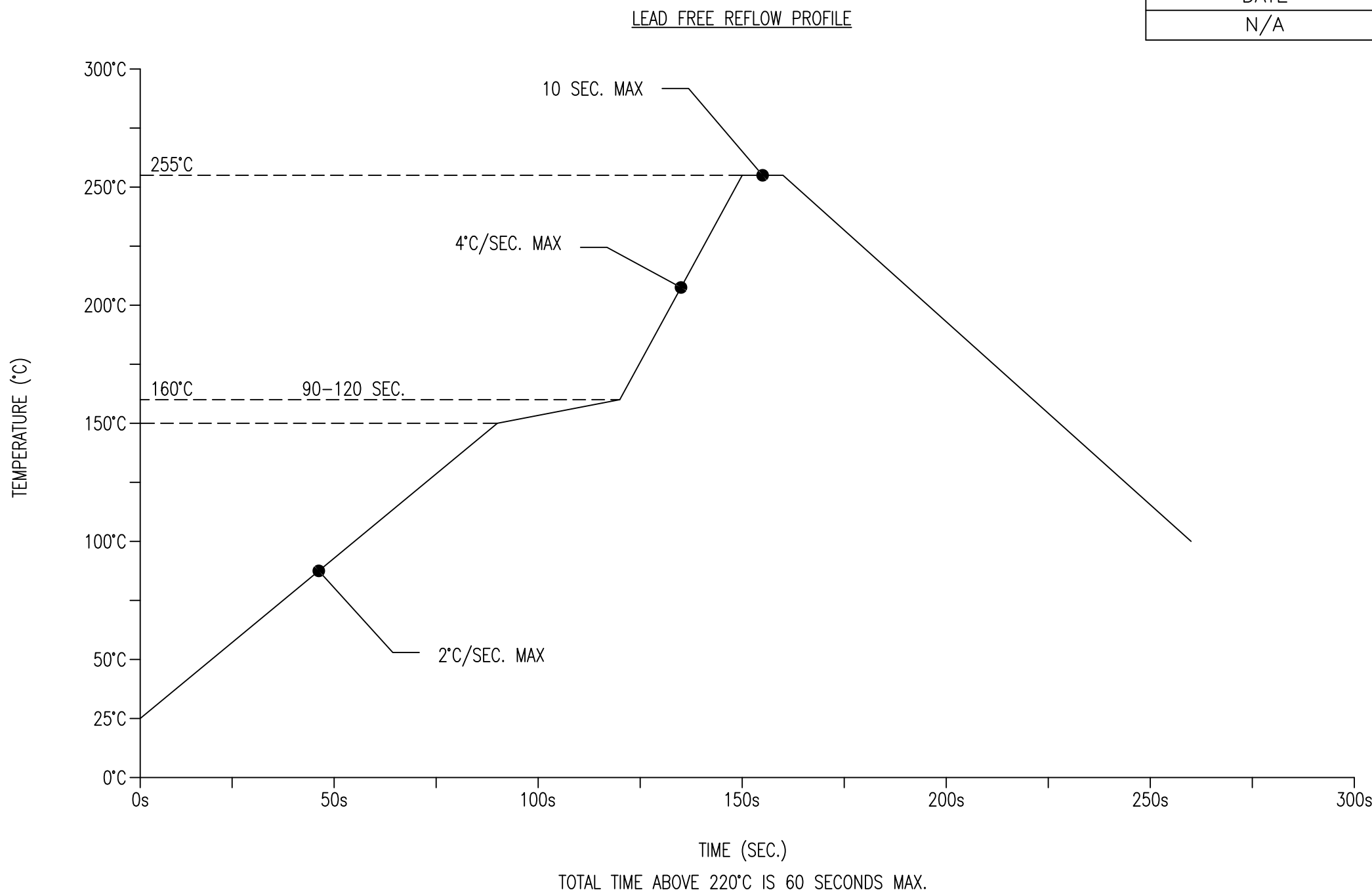


*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= ^{+DECIMAL PRECISION}/_{-0.00} MAX= ^{+0.00}/_{-DECIMAL PRECISION} UNCONTROLLED DOCUMENT

 LUMEX Creating LED and LCD Solutions Together™	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.
			PAGE: 1 OF 2	CHKD BY: E.C.
			SCALE: NTS	APRVD BY: G.Y.
			UNIT: mm [INCH]	

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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.

Mouser Electronics

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