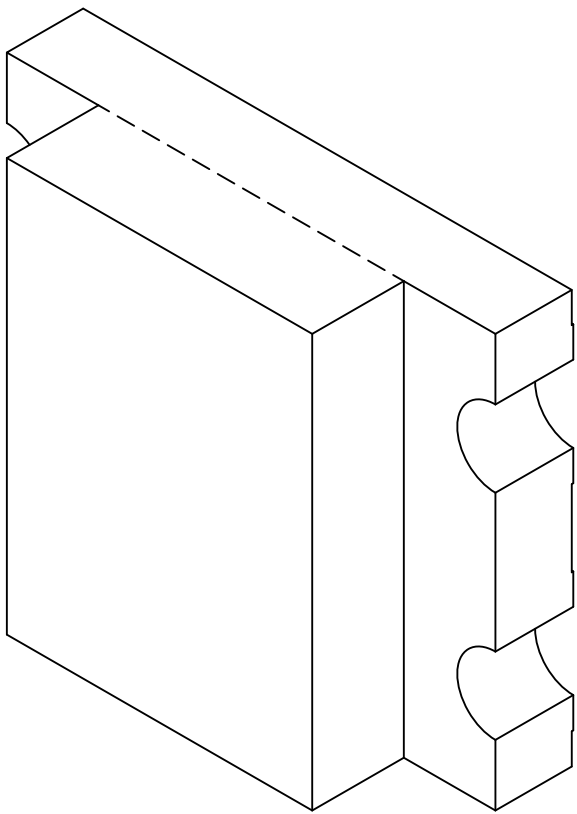
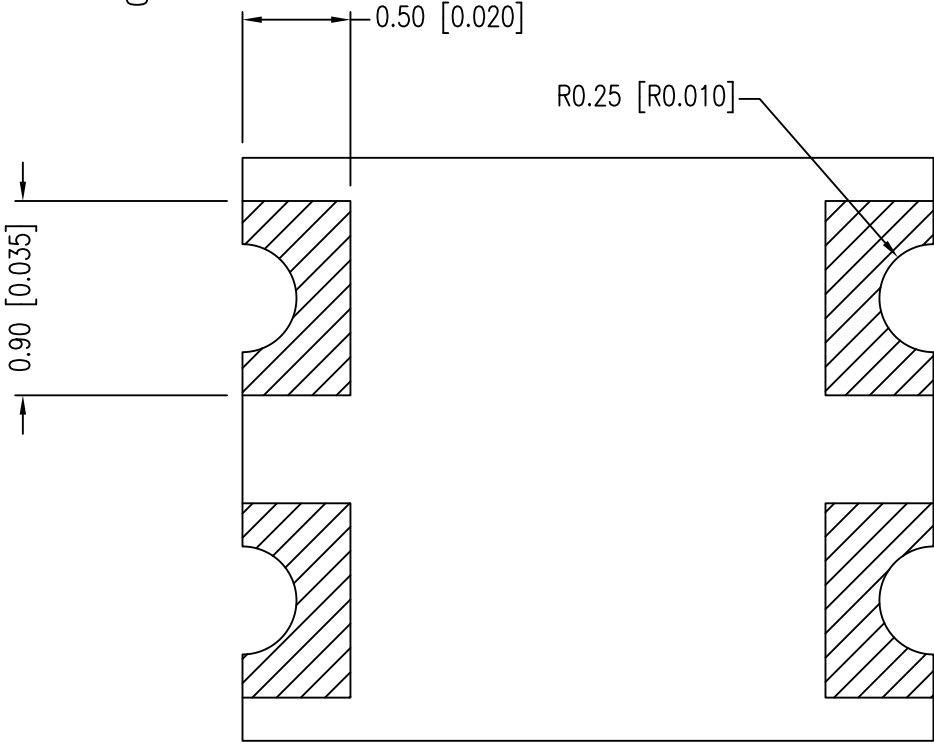
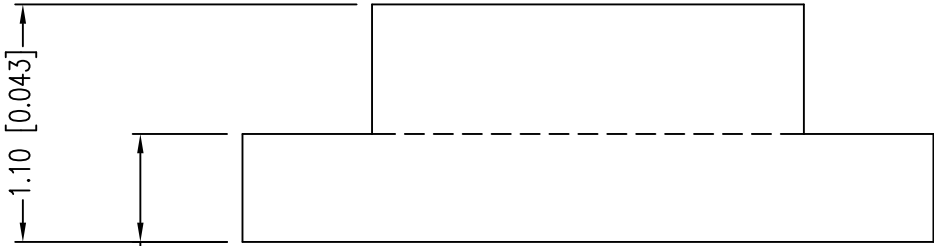
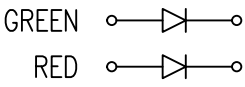
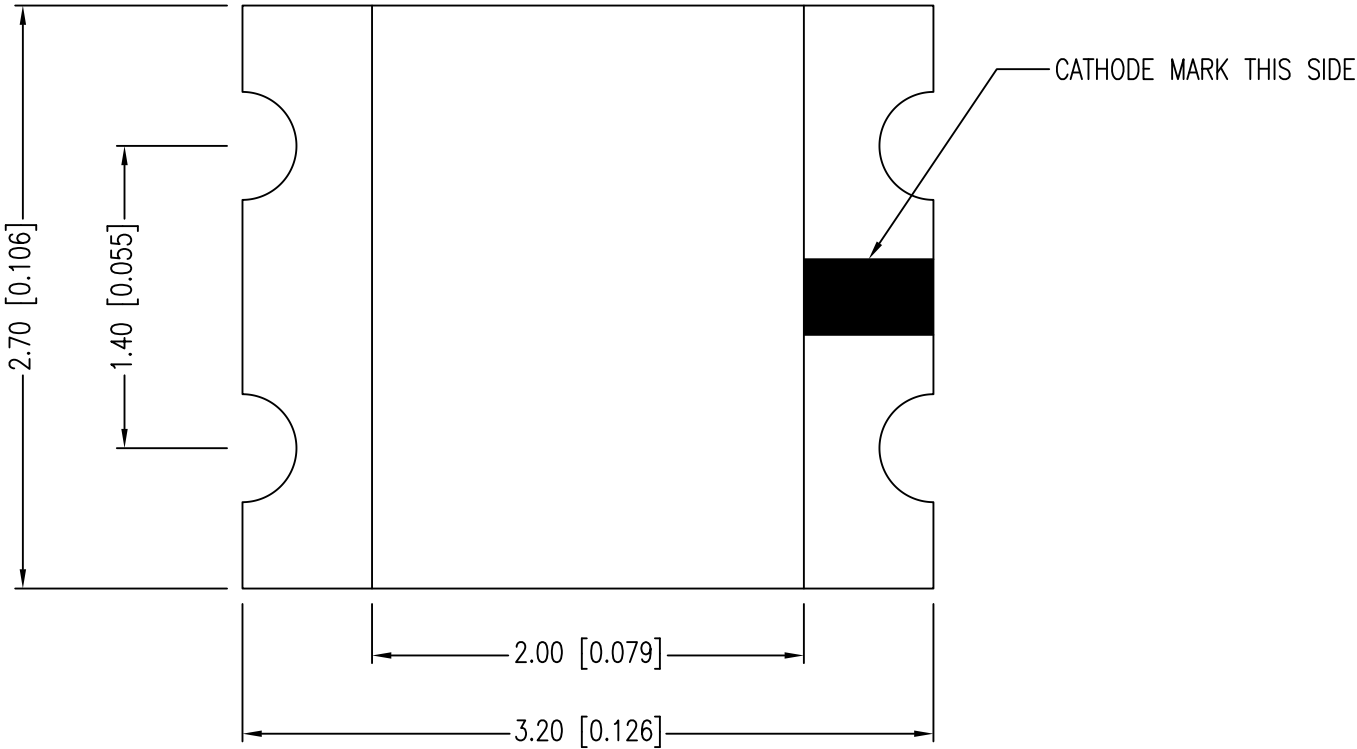
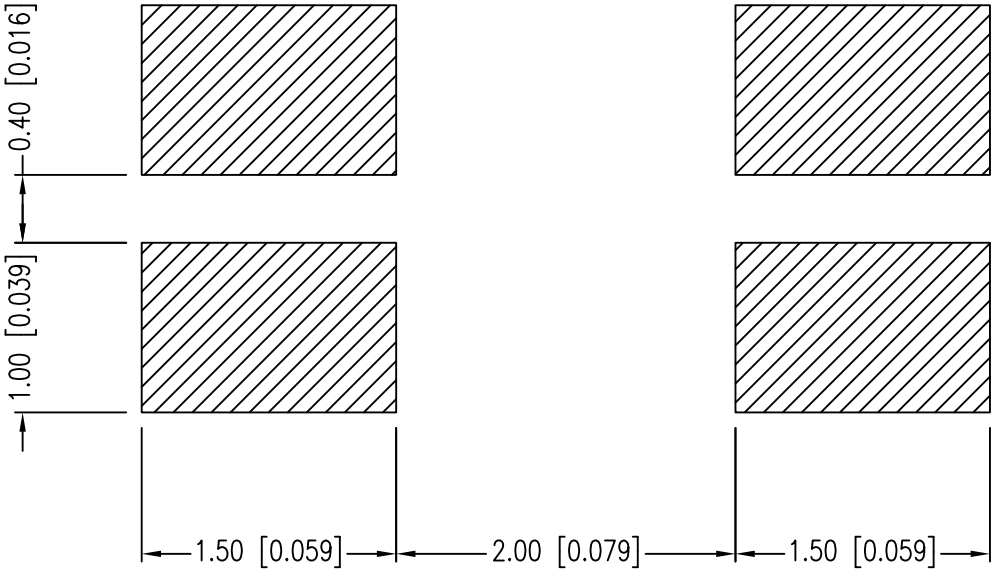




RECOMMENDED SOLDER PAD LAYOUT



PART NUMBER	SML-LX1210IGC-TR	REV.	J
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
11.06.95	ADDED TAPE W/POLARITY AND DIRECTION.		A
03.17.97	E.C.N. #10324.		B
05.22.98	E.C.N. #10404, & #10BRDR & REDRAWN.		C
01.04.01	E.C.N. #10695		D
01.25.02	E.C.N. #10834.		E
03.25.03	E.C.N. #10972.		F
02.07.05	E.C.N. #11148.		G
03.10.09	E.C.N. #11508.		H
07.22.11	E.C.N. #11740/#10BRDR. & REDRAWN.		I
11.07.18	ECN-Lumex201800168		J

ELECTRO-OPTICAL CHARACTERISTICS T _a =25°C			I _f =20mA		
PARAMETER	MIN	TYP	MAX	UNITS	UNITS
PEAK WAVELENGTH (R/G)		635/565		nm	
FORWARD VOLTAGE (R/G)		2.0/2.2	2.6	V _f	
REVERSE VOLTAGE	5.0			V _r	I _r =100μA
AXIAL INTENSITY		10		mcd	I _f =20mA
VIEWING ANGLE		160		2x theta 1/2	
EMITTED COLOR:	RED/GREEN				
EPOXY LENS FINISH:	WATER CLEAR				

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT (R/G)	30/25	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

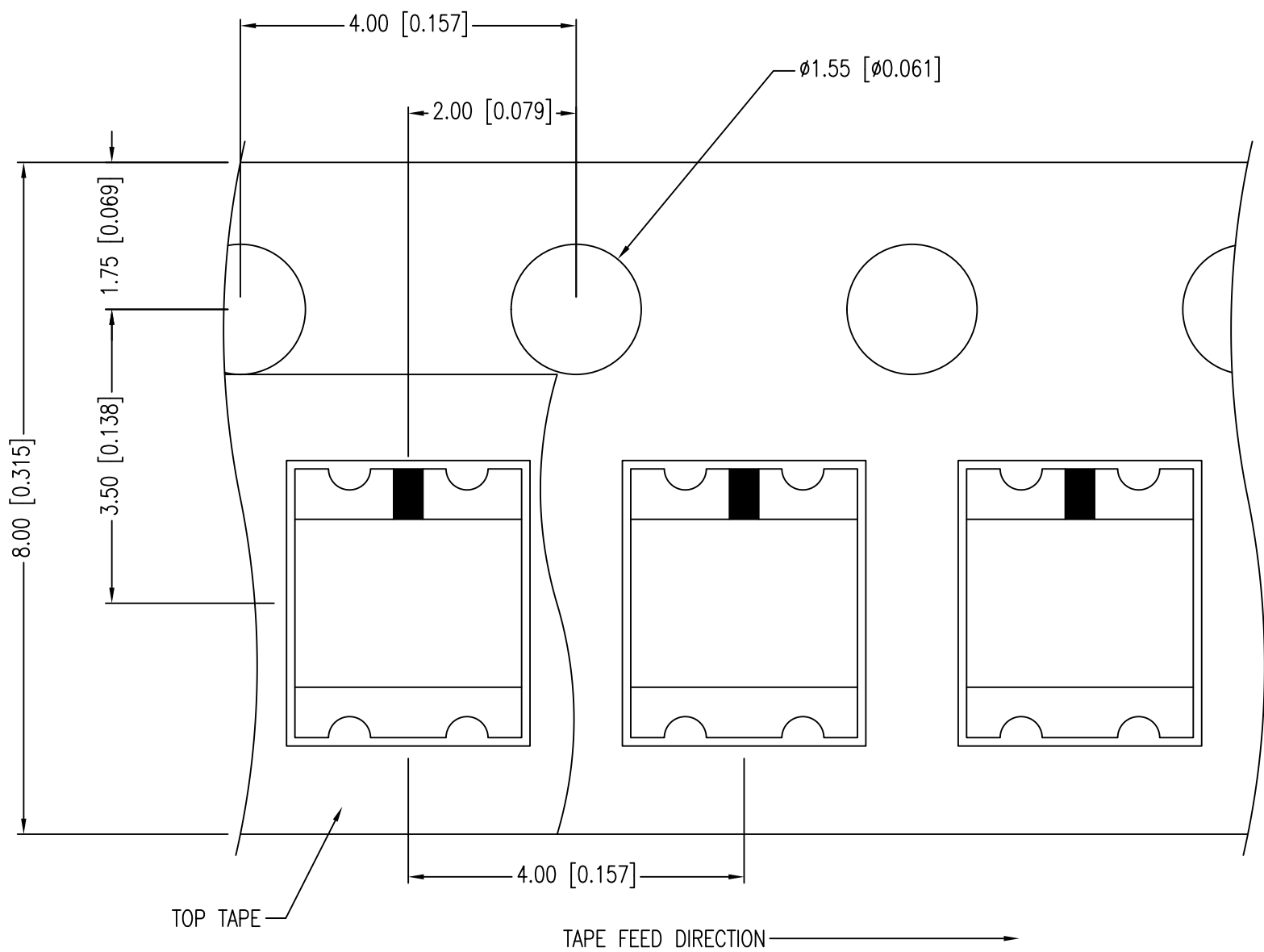
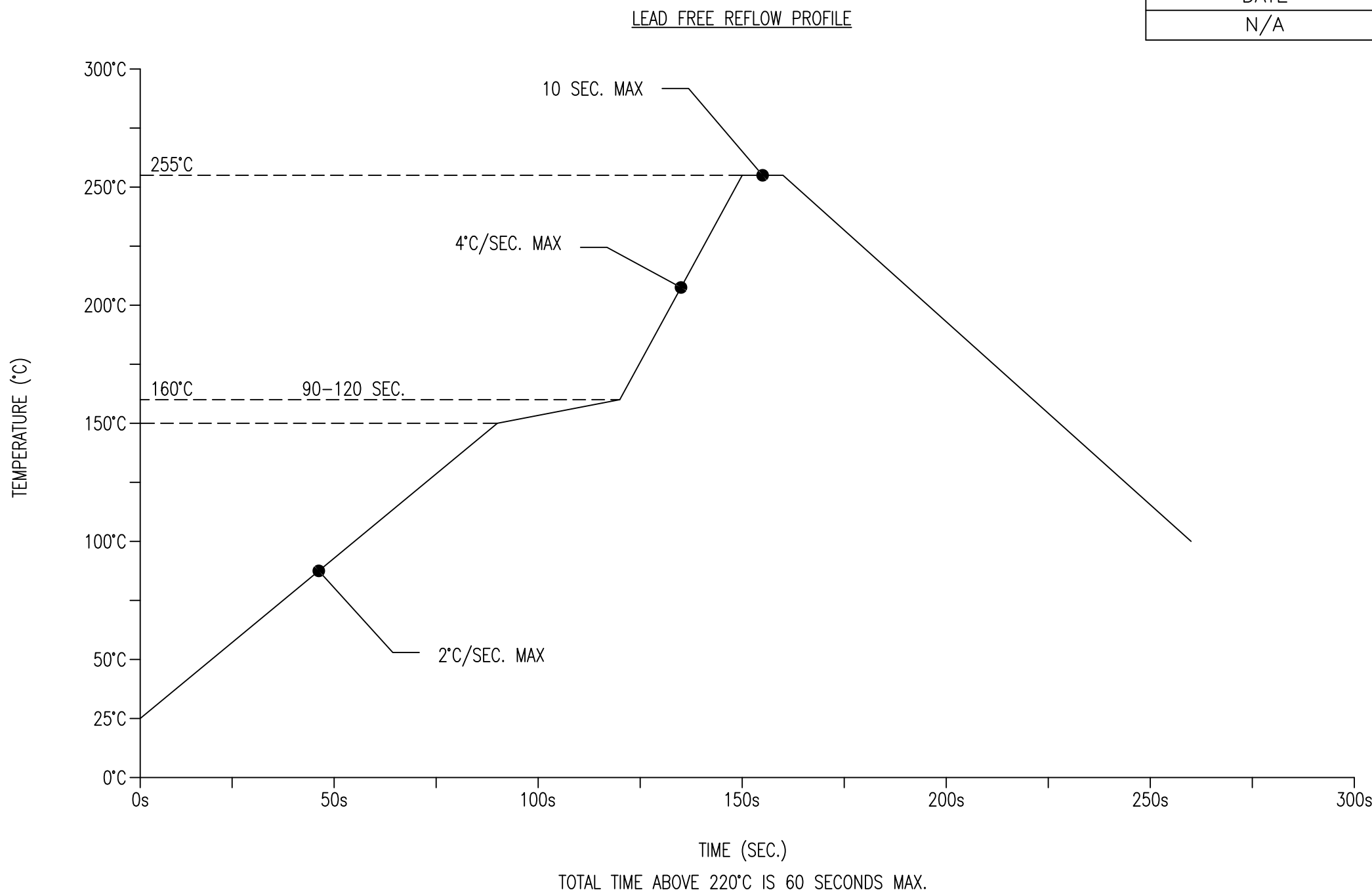
* t<10μS

CAUTION: MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 3 STANDARDS

*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 60188-4900 PHONE: 800-278-5666 FAX: 630-315-2152 WEB: WWW.LUMEX.COM	2.7x 3.2mm P.C.B. SURFACE MOUNT LED, DUAL RED/GREEN CHIPS, WATER CLEAR LENS, TAPE & REEL.		DATE: 11.07.18	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-LX1210IGC-TR	REV.	J
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.

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		UNIT: mm [INCH]	