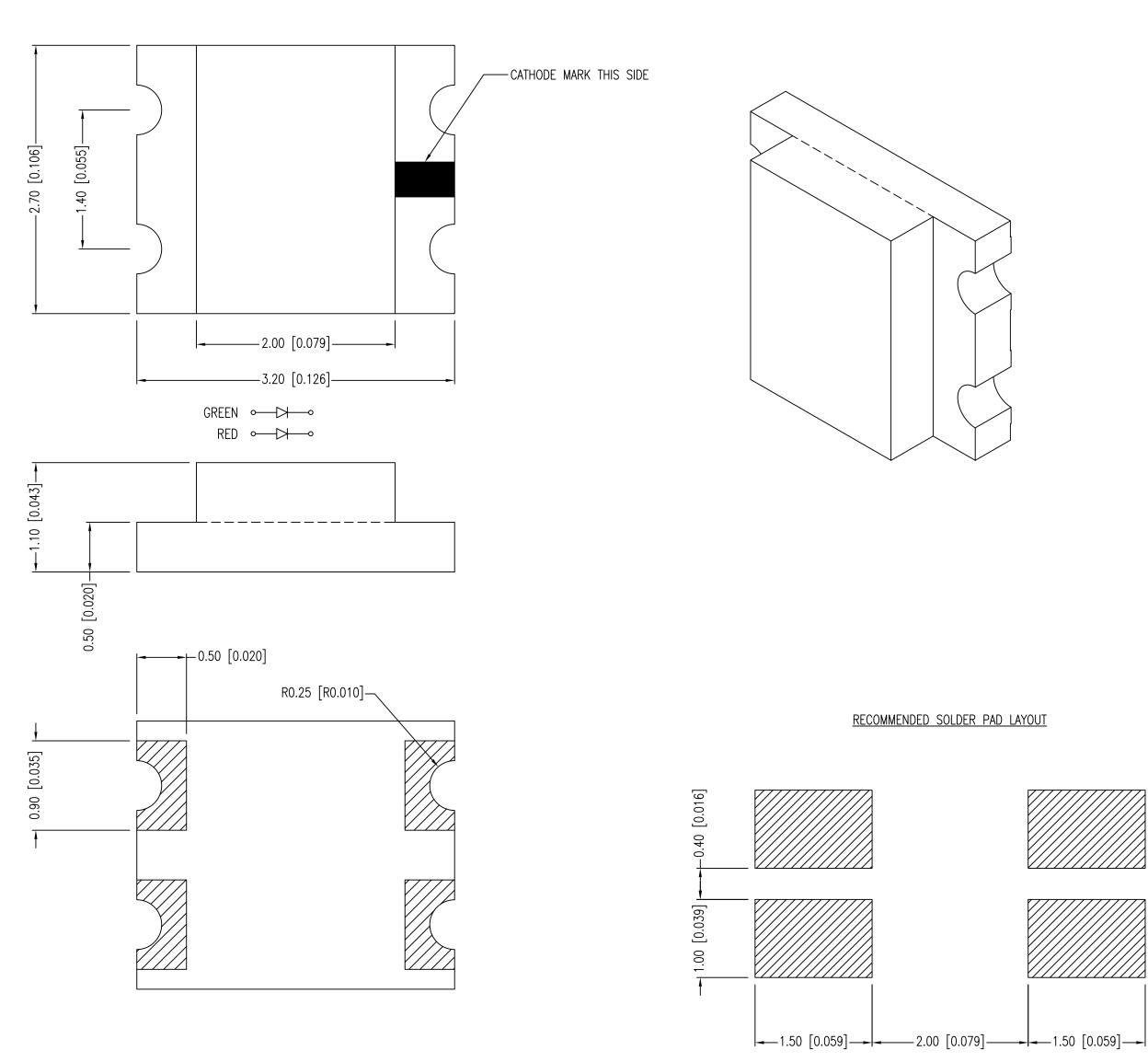
## UNCONTROLLED DOCUMENT



\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X= $\pm 1$  ( $\pm 0.039$ ), X.X= $\pm 0.5$  ( $\pm 0.020$ ), X.XX= $\pm 0.25$  ( $\pm 0.010$ ), X.XX= $\pm 0.127$  ( $\pm 0.005$ ). LEAD SIZE= $\pm 0.05$  ( $\pm 0.002$ ), LEAD LENGTH= $\pm 0.75$  ( $\pm 0.030$ ). MIN=  $\frac{+DECIMAL}{-0.00}$  PRECISION MAX.=  $\frac{+0.00}{-DECIMAL}$  PRECISION MAX.= \frac{+0.00}{-DECIMAL} PRECISION MAX.=  $\frac{+0.00}{-DECIMAL}$  PRECISION MAX.= \frac{+0.00}{-DECIMAL} PRECISION MAX.=  $\frac{+0.00}{-DECIMAL}$  PRECISION MAX.= \frac{+0.00}{-DECIMAL} PRECISION MAX.= \frac{+0.00}{-DEC UNCONTROLLED DOCUMENT DRAWN BY: DATE: 11.07.18 C.S. 425 N. GARY AVE. 2.7x 3.2mm P.C.B. SURFACE MOUNT LED, DUAL RED/GREEN CHIPS, WATER CLEAR LENS, TAPE & REEL. CAROL STREAM, IL 60188-4900 PAGE: 1 OF 2 CHKD BY: E.C. \*\*THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE.\*\* PHONE: 800-278-5666 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. FAX: 630-315-2152 Creating LED and LCD Solutions Together™ WEB: WWW.LUMEX.COM  $\mathbb{P}_{0}$ UNIT: mm [INCH]

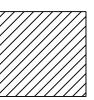


PART NUMBER	SML-LX1210IGC-TR rev.	J
DATE	E.C.N. NUMBER AND REVISION COMMENTS	REV.
11.06.95	ADDED TAPE W/POLARITY AND DIRECTION.	A
03.17.97	E.C.N. #10324.	В
05.22.98	E.C.N. #10404, & #10BRDR & REDRAWN.	С
01.04.01	E.C.N. #10695	D
01.25.02	E.C.N. #10834.	E
03.25.03	E.C.N. #10972.	F
02.07.05	E.C.N. #11148.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

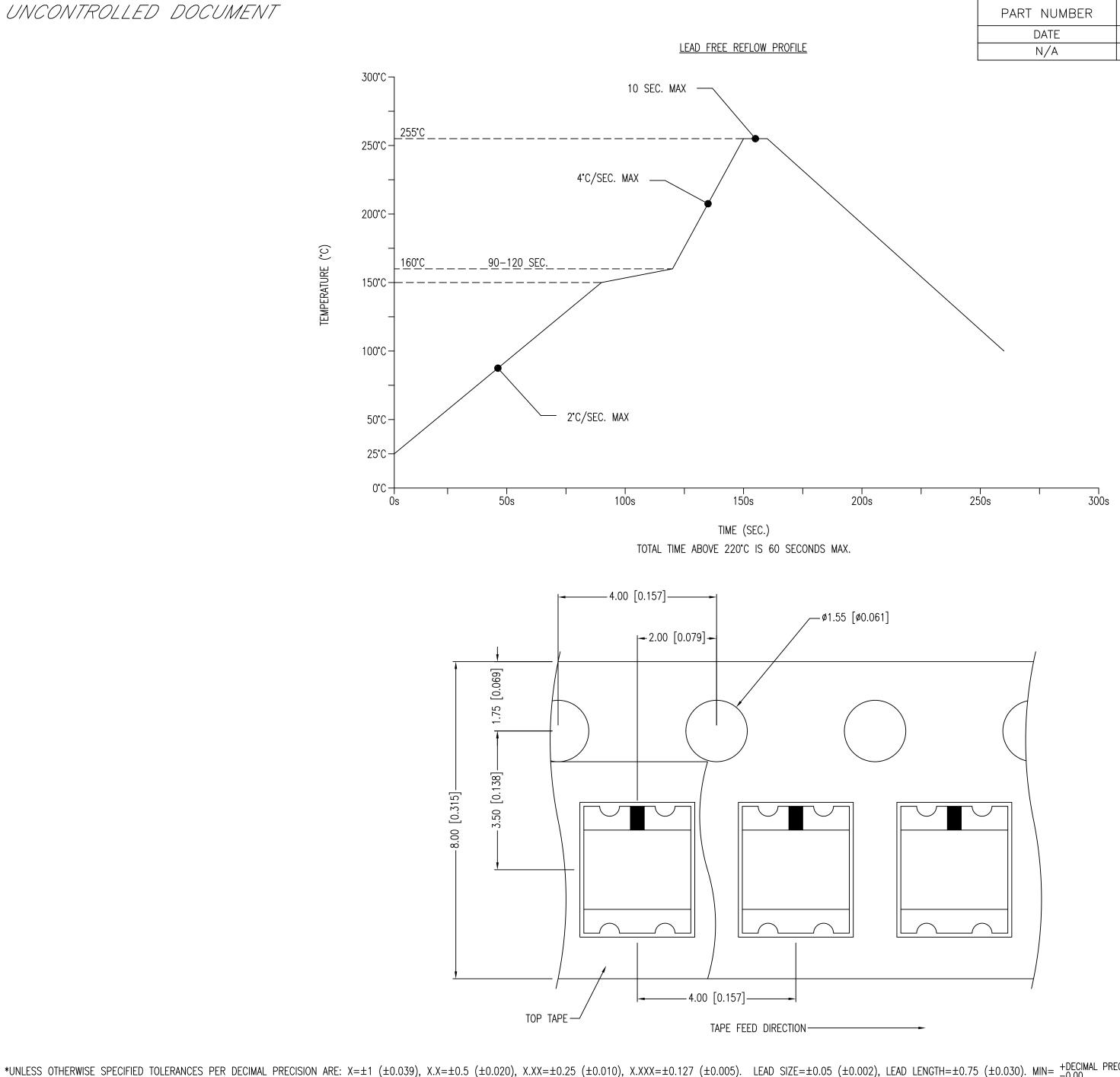
ELECTRO-OPTICAL	CHARACTERISTICS T	a=25°C	lf=20mA		
PARAMETER	MIN	TYP	MAX	UNITS	UNITS
PEAK WAVELENGTH	(R/G)	635/565		nm	
FORWARD VOLTAGE	(R/G)	2.0/2.2	2.6	Vf	
REVERSE VOLTAGE	5.0			Vr	lr=100μΑ
AXIAL INTENSITY		10		mcd	lf=20mA
VIEWING ANGLE		160		2x theta 1/2	
EMITTED COLOR:	RED/GREEN				
EPOXY LENS FINIS	H: 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		

CAUTIO	N: MOIS	TURE	SEN	NSITIVE DEVICE	
PER	JEDEC	LEVEL	. 3	STANDARDS	







Creating LED and LCD Solutions Together™

 425 N. GARY AVE.
 2.7x 3.2mm P.C.B. SURFACE MOUNT LED, DUAL RED/G

 CAROL STREAM, IL 60188-4900
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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.

LEAD LENGTH= $\pm 0.75$ ( $\pm 0.030$ ). MIN= $^{+DECIMAL}_{-0.00}$ PRECISION MAX.= $^{+0.00}_{-DECIMAL}$ PRECISION	UNCONTROLL	ED DOCUMENT
GREEN CHIPS, WATER CLEAR LENS, TAPE & REEL.	DATE: 11.07.18	DRAWN BY: C.S.
AT ANY TIME WITHOUT NOTICE.**	PAGE: 2 OF 2	CHKD BY: E.C.
FORMATION	SCALE: NTS	APRVD BY: G.Y.
PECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.	UNIT: mm [INCH]	R

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