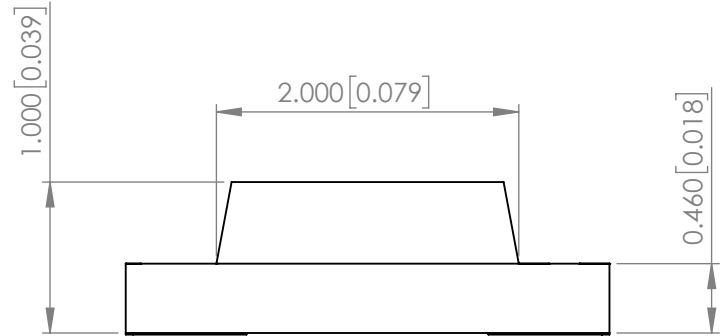
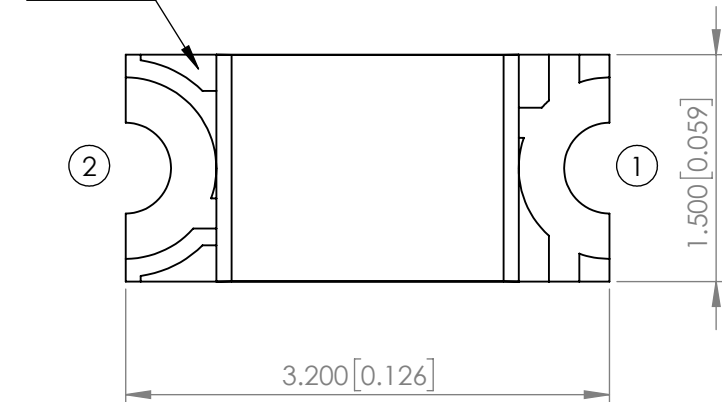
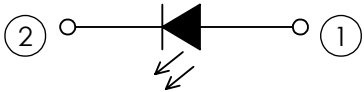


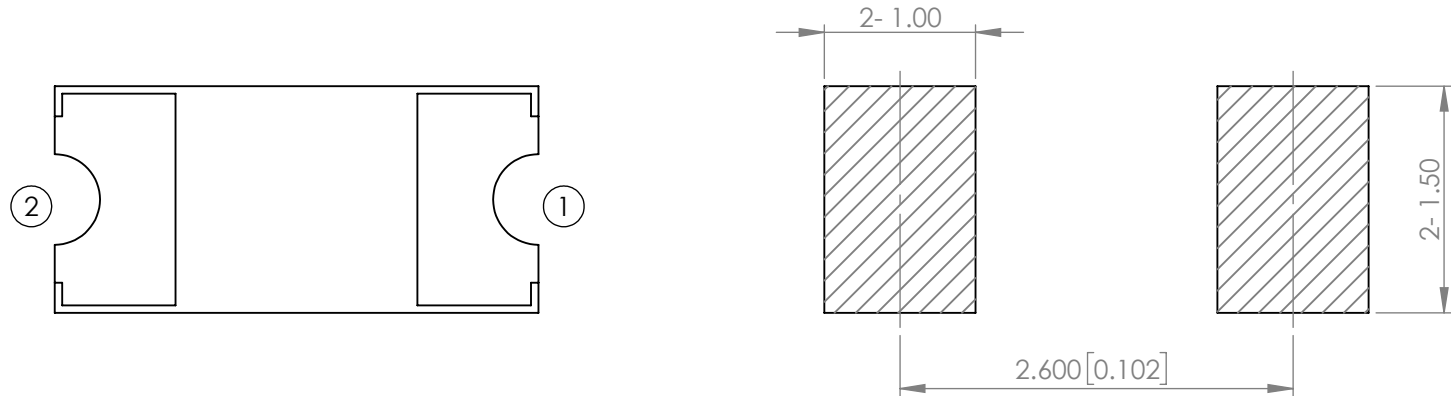
CATHODE
MARK



POLARITY



RECOMMENDED SOLDER PAD LAYOUT



PART NUMBER		SML-LX1206GC-TR	REV	O
REV	E.C.N. NUMBER AND REVISION COMMENTS		DATE	
A	ADDED TAPE DIRECTION AND POLARITY.		11.01.95	
B	E.C.N. #10404.		12.18.97	
C	E.C.N. #10644. & REDRAWN IN 3D.		07.18.00	
D	E.C.N. #10814.		12.03.01	
E	E.C.N. #10967.		03.14.03	
F	E.C.N. #11148.		01.20.05	
G	E.C.N. #11445.		09.21.07	
H	E.C.N. #11466.		01.03.08	
I	E.C.N. #11508.		03.09.09	
J	E.C.N. #10BRDR & REDRAWN.		04.20.11	
K	E.C.N. #11829		08.07.12	
L	E.C.N. #10BRDR & REDRAWN.		11.01.12	
M	E.C.N. #10BRDR & REDRAWN.		10.31.14	
N	ECN-Lumex201700118		05.31.17	
O	ECN-Lumex202100060		12.08.21	

ELECTRO-OPTICAL CHARACTERISTIC TA=25°C

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	-	575	-	nm	If=20mA
FORWARD VOLTAGE	-	2.0	2.4	Vf	If=20mA
REVERSE CURRENT	-	-	10	uA	VR=5V
LUMINOUS INTENSITY	-	15	-	mcd	If=20mA
VIEWING ANGLE	-	130	-	2x theta1/2	-
EMITTED COLOR	YELLOW GREEN				
EPOXY LENS FINISH	WATER CLEAR				

ABSOLUTE MAXIMUM RATINGS TA=25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	60	mA
FORWARD CURRENT	25	mA
REVERSE VOLTAGE	5	V
POWER DISSIPATION	60	mW
STORAGE TEMPERATURE	-40 TO +90	°C
OPERATING TEMPERATURE	-40 TO +85	°C

* 1/10 DUTY CYCLE 0.1ms PULSE.

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
PHONE : 800-278-5666
FAX : 630-315-2150
WEB : WWW.LUMEX.COM

3.2(L)*1.5(W)*1.0(H)mm, PCB SURFACE MOUNT TOP VIEW LED, 575nm YELLOW GREEN, WATER CLEAR LENS, TAPE & REEL

****THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE.****

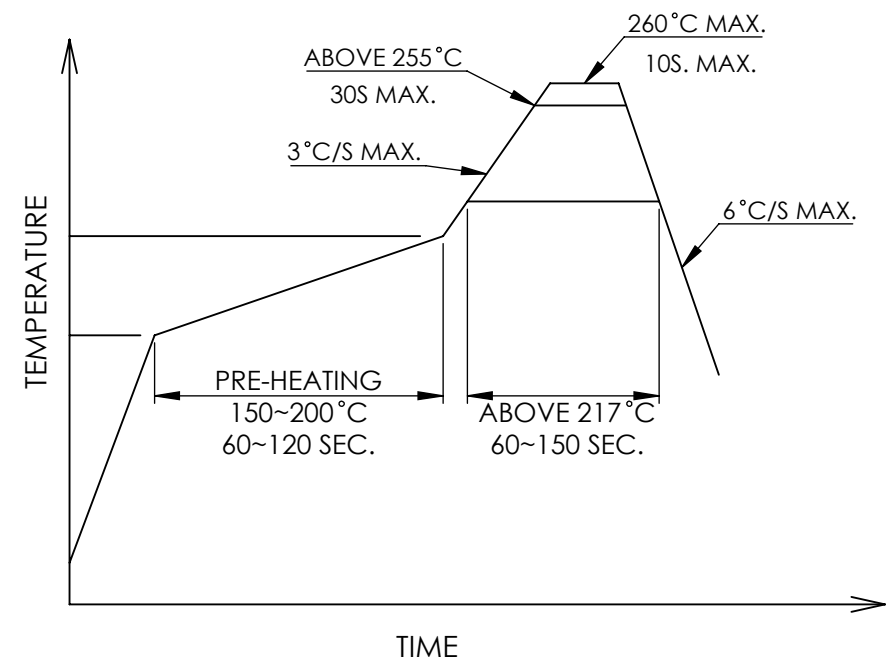
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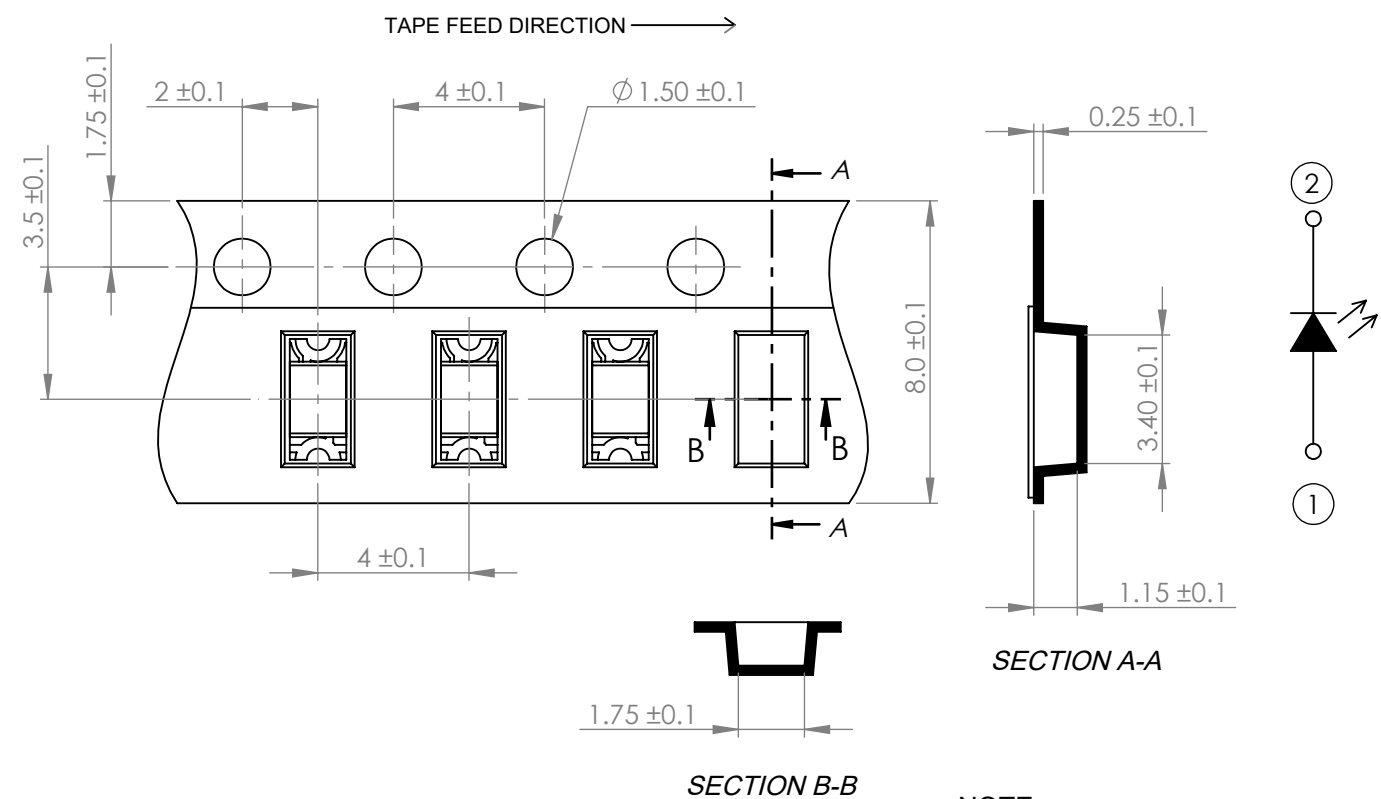
DATE : 2014.10.31
PAGE : 1 OF 2
SCALE : NTF
UNIT : mm [INCH]

DRAWN BY : E.C.
CHKD BY : T.S.
APRVD BY : G.Y.
Ⓢ

PROFILE



CARRIER TAPE DIMENSION



NOTE:
1. PACKAGE: 3000 PCS/REEL.

*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}



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