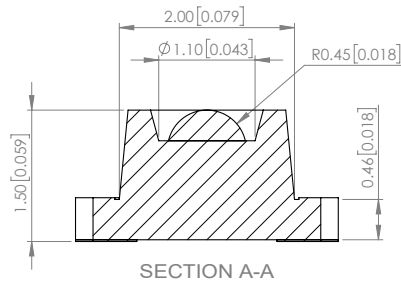
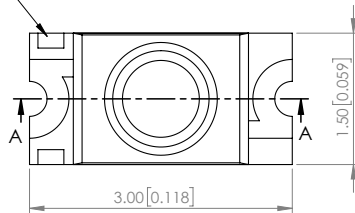
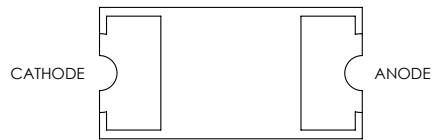


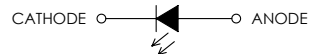
CATHODE
MARK



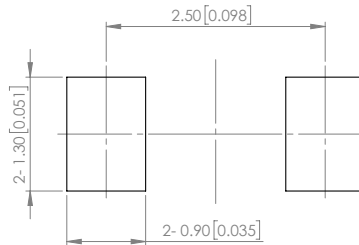
SECTION A-A



POLARITY



RECOMMENDED SOLDER PAD LAYOUT



PART NUMBER		SML-LXL1206GC-TR	REV	G
REV	E.C.N. NUMBER AND REVISION COMMENTS			DATE
A	E.C.N. #10BRDR. & REDRAWN.			03.30.98
B	E.C.N. #10695.			01.08.01
C	E.C.N. #10967.			03.14.03
D	E.C.N. #11148.			03.17.05
E	E.C.N. #11508.			05.26.10
F	E.C.N. #11665.			10.12.10
G	ECN-Lumex201700080			09.27.17

ELECTRO-OPTICAL CHARACTERISTIC TA=25°C

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	-	570	-	nm	If=20mA
FORWARD VOLTAGE	-	2.0	2.4	Vf	If=20mA
REVERSE CURRENT	-	-	10	uA	VR=5V
LUMINOUS INTENSITY	-	20	-	mcd	If=20mA
VIEWING ANGLE	-	60	-	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	30	mA
REVERSE VOLTAGE	5	V
POWER DISSIPATION	100	mW
STORAGE TEMPERATURE	-40 TO +85	°C
OPERATING TEMPERATURE	-30 TO +85	°C

*t<10us

NOTE:

1. RoHS COMPLIANT.
2. COMPLIANCE WITH EU REACH.
3. COMPLIANCE Halogen Free .
(Br <900 ppm ,Cl <900 ppm , Br+Cl < 1500 ppm)

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= *DECIMAL PRECISION 0.00



425 N. GARY AVE.
CAROL STREAM, IL 60188
PHONE : 800-278-5666
FAX : 630-315-2150
WEB : WWW.LUMEX.COM

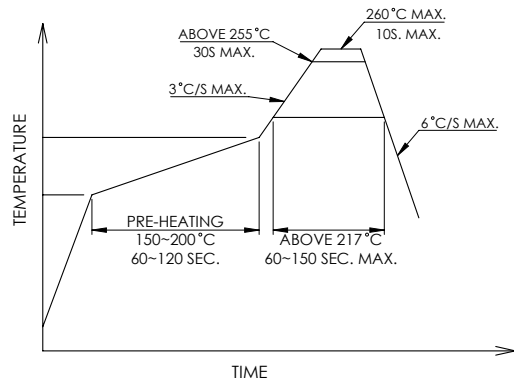
3(L)*1.5(W)*1.5(H)mm, PCB SML WITH LENS, 570nm YELLOW GREEN LED, WATER CLEAR LENS, TAPE & REEL

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

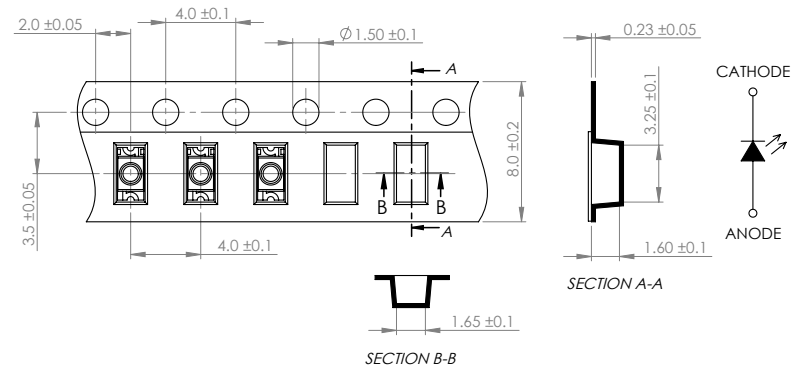
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DATE : 2017.09.27	DRAWN BY : C.C.
PAGE : 1 OF 2	CHKD BY : G.Y.
SCALE : NTF	APRVD BY : E.C.
UNIT : mm [INCH]	Ⓢ

PROFILE



CARRIER TAPE DIMENSION



*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= ^{DECIMAL PRECISION} 0.00



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3(L)*1.5(W)*1.5(H)mm, PCB SML WITH LENS, 570nm YELLOW GREEN LED, WATER CLEAR LENS, TAPE & REEL

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