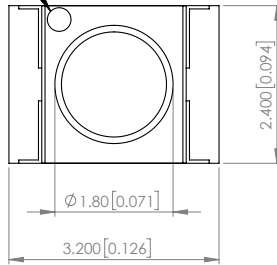
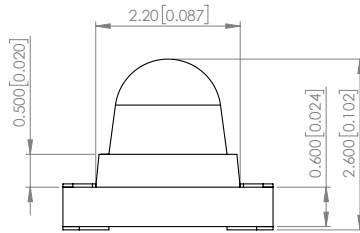
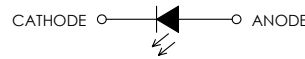


PART NUMBER		SML-LXL1209SYC-TR	REV	D
REV	E.C.N. NUMBER AND REVISION COMMENTS			DATE
A	E.C.N. #10967.			03.14.03
B	E.C.N. #11148.			12.03.04
C	E.C.N. #11508.			05.27.10
D	ECN-Lumex201700112			11.10.17

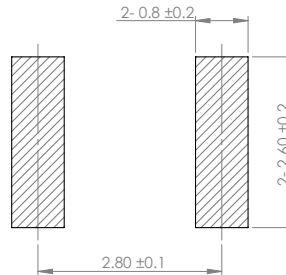
CATHODE MARK



POLARITY



RECOMMENDED SOLDER PAD LAYOUT



CATHODE

ANODE

ELECTRO-OPTICAL CHARACTERISTIC TA=25°C

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	-	590	-	nm	If=20mA
FORWARD VOLTAGE	-	2.0	2.4	Vf	If=20mA
REVERSE CURRENT	-	-	10	uA	V _R =5V
LUMINOUS INTENSITY	-	247	-	mcd	If=20mA
VIEWING ANGLE	-	20	-	2x theta _{1/2}	-
EMITTED COLOR	YELLOW				
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
SOLDERING TEMPERATURE**	3 SEC. MAX @ 260	°C

*t<10us

**2.0mm FROM BODY.

NOTE:

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

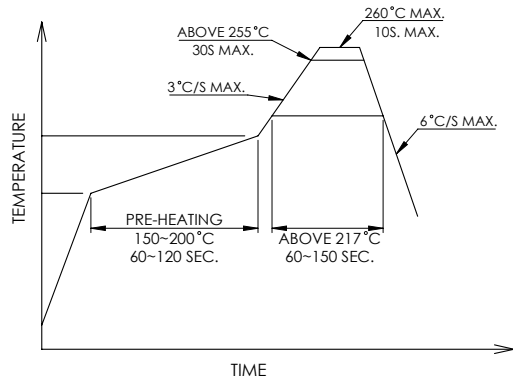
*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= ^{+0.00} _{-0.00} DECIMAL PRECISION MAX= ^{+0.00} _{-0.00} DECIMAL PRECISION

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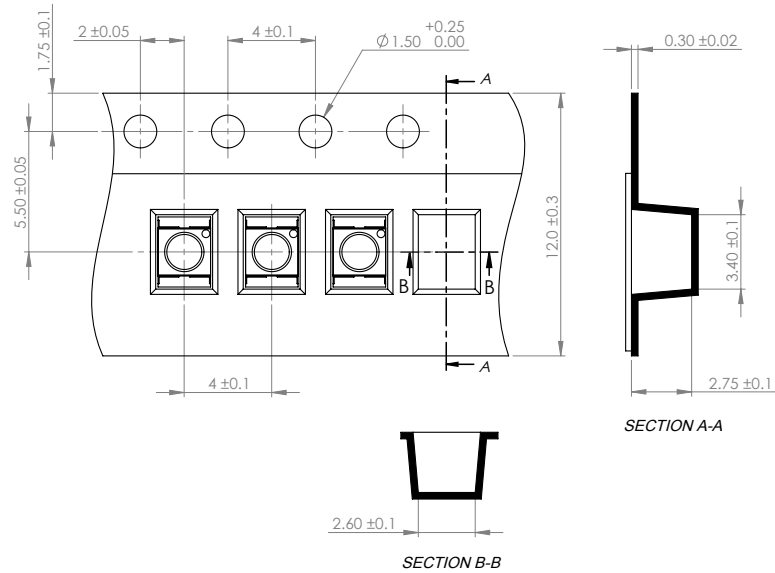
3.2(L)*2.4(W)*2.6(H)mm, SURFACE MOUNT TOP VIEW LED, 590nm AlGaInP YELLOW, WATER CLEAR LENS, TAPE & REEL.
THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.
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DATE : 2017.11.10	DRAWN BY : C.C.
PAGE : 1 OF 2	CHKD BY : G.Y.
SCALE : NTF	APRVD BY : E.C.
UNIT : mm [INCH]	(No)

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= ^{+0.00}/_{-0.00} DECIMAL PRECISION, MAX= ^{+0.00}/_{-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)*2.4(W)*2.6(H)mm, SURFACE MOUNT TOP VIEW LED, 590nm AlGaInP YELLOW, WATER CLEAR LENS, TAPE & REEL.	DATE : 2017.11.10 PAGE : 2 OF 2 SCALE : NTF UNIT : mm [INCH]	DRAWN BY : C.C. CHKD BY : G.Y. APRVD BY : E.C.
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