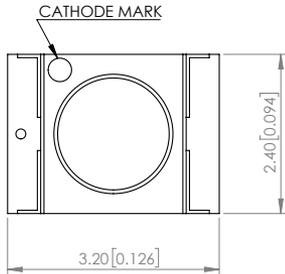
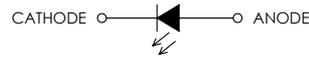


PART NUMBER		SML-LXL1209UPGC-TR	REV	D
REV	E.C.N. NUMBER AND REVISION COMMENTS			DATE
A	E.C.N. #10967.			03.14.03
B	E.C.N. #11148.			12.03.04
C	E.C.N. #11508.			05.27.10
D	ECN-Lumex201700083			09.29.17

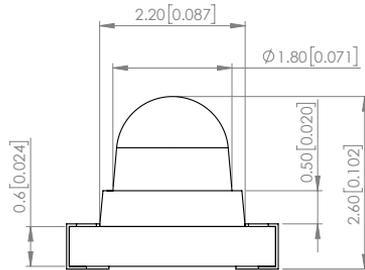


**POLARITY**

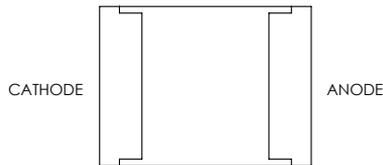
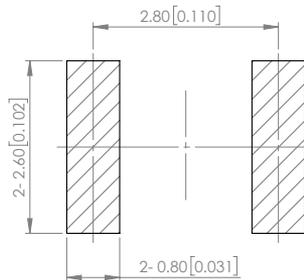


**ELECTRO-OPTICAL CHARACTERISTIC TA=25°C**

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	-	518	-	nm	If=20mA
FORWARD VOLTAGE	-	3.5	4.3	Vf	If=20mA
REVERSE CURRENT	-	-	50	uA	VR=5V
LUMINOUS INTENSITY	-	2565	-	mcd	If=20mA
VIEWING ANGLE	-	30	-	2x theta1/2	-
EMITTED COLOR	GREEN				
EPOXY LENS FINISH	WATER CLEAR				



**RECOMMENDED SOLDER PAD LAYOUT**



**ABSOLUTE MAXIMUM RATINGS TA=25°C**

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
FORWARD CURRENT	30	mA
REVERSE VOLTAGE	5	V
POWER DISSIPATION	120	mW
STORAGE TEMPERATURE	-40 TO +90	°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= <sup>±0.00</sup> DECIMAL PRECISION 0.00, MAX= <sup>±0.00</sup> DECIMAL PRECISION 0.00



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

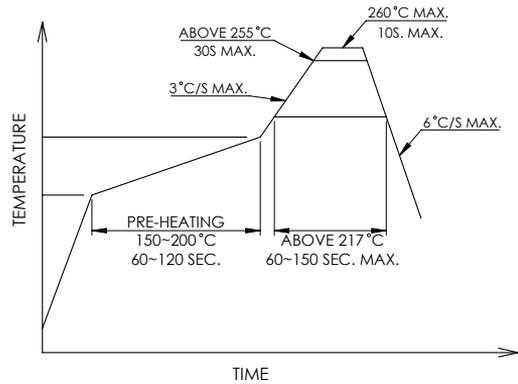
3.2(L)\*2.4(W)\*2.6(H)mm, SURFACE MOUNT LED, 518nm ULTRA PURE GREEN LED, WATER CLEAR LENS, TAPE & REEL

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

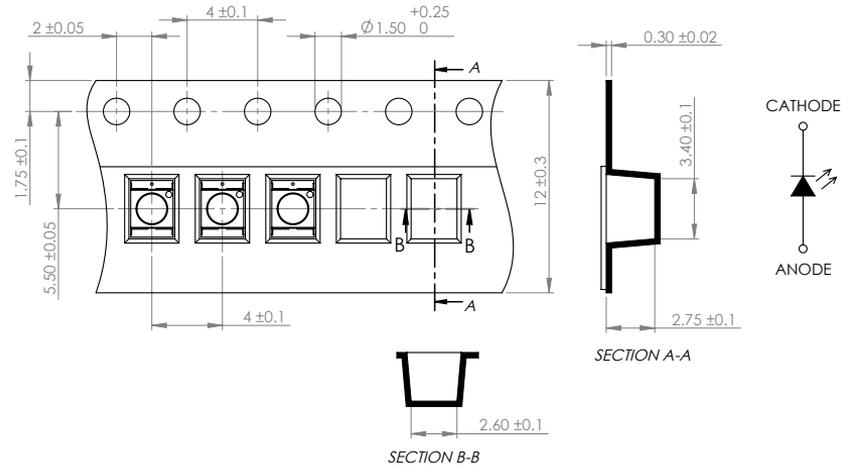
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PAGE : 1 OF 2	CHKD BY : G.Y.
SCALE : NTF	APRVD BY : E.C.
UNIT : mm [INCH]	Ⓢ

**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= <sup>±0.00</sup>DECIMAL PRECISION, MAX.= <sup>±0.00</sup>DECIMAL PRECISION

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Creating LED and LCD Solutions Together™

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3.2(L)\*2.4(W)\*2.6(H)mm, SURFACE MOUNT LED, 518nm ULTRA PURE GREEN LED, WATER CLEAR LENS, TAPE & REEL

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