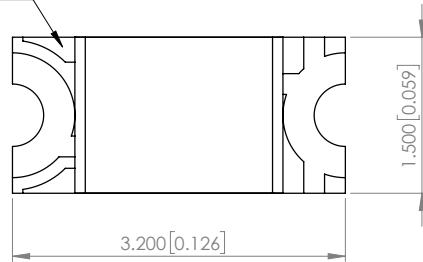
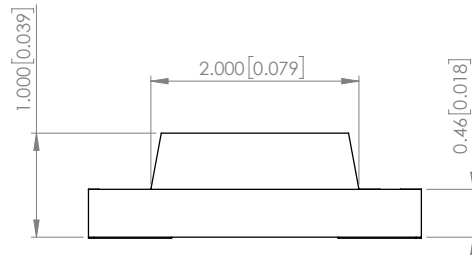
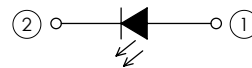


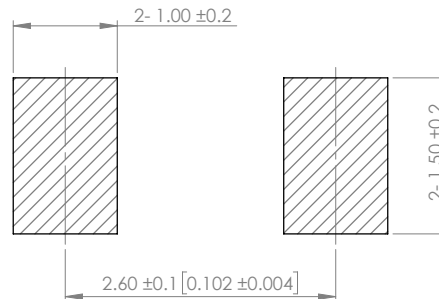
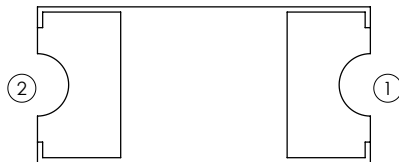
CATHODE
MARK



POLARITY



RECOMMENDED SOLDER PAD LAYOUT



PART NUMBER		SML-LX1206PGC-TR	REV	J
REV	E.C.N. NUMBER AND REVISION COMMENTS		DATE	
A	E.C.N. #10404.		12.18.97	
B	E.C.N. #10644. & REDRAWN IN 3D.		07.18.00	
C	E.C.N. #10814. & 10BRDR.		12.03.01	
D	E.C.N. #10967.		03.14.03	
E	E.C.N. #11148.		01.20.05	
F	E.C.N. #11466.		01.07.08	
G	E.C.N. #11508.		03.09.09	
H	E.C.N. #11644.		07.30.10	
I	E.C.N. #10BRDR. & REDRAWN.		04.20.11	
J	ECN-Lumex201800053		04.02.18	

ELECTRO-OPTICAL CHARACTERISTIC TA=25°C

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	-	560	-	nm	If=20mA
FORWARD VOLTAGE	-	2.1	2.3	Vf	If=20mA
REVERSE CURRENT	-	-	10	uA	VR=5V
LUMINOUS INTENSITY	-	20	-	mcd	If=20mA
VIEWING ANGLE	-	130	-	2x theta1/2	-
EMITTED COLOR	GREEN				
EPOXY LENS FINISH	WATER CLEAR				

ABSOLUTE MAXIMUM RATINGS TA=25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
FORWARD CURRENT	25	mA
REVERSE VOLTAGE	5	V
POWER DISSIPATION	57	mW
STORAGE TEMPERATURE	-40 TO +90	°C
OPERATING TEMPERATURE	-40 TO +85	°C
SOLDERING TEMPERATURE	3 SEC. MAX @ 260	°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)
4. PACKAGE: 2000 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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3.2(L)*1.5(W)*1.0(H)mm, PCB SURFACE MOUNT TOP VIEW LED, 560nm GREEN, 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 : 2018.04.02 DRAWN BY : C.C.

PAGE : 1 OF 2 CHKD BY : E.C.

SCALE : NTF APRVD BY : G.Y.

UNIT : mm [INCH]



