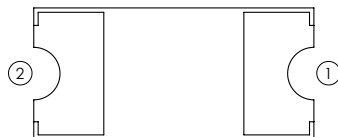
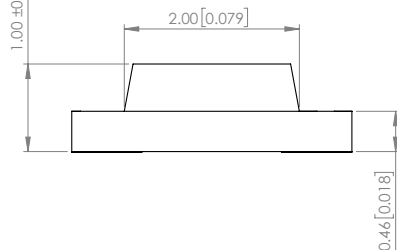
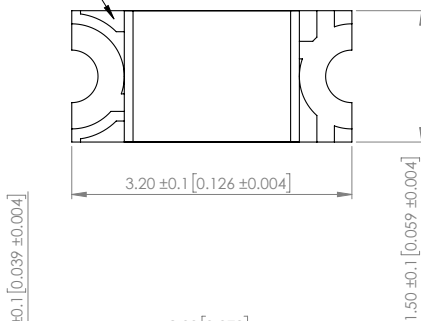
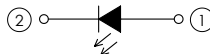


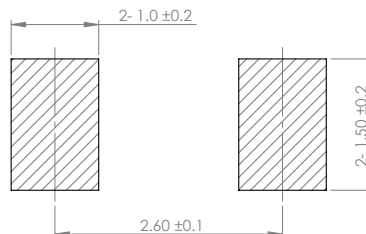
CATHODE
MARK



POLARITY



RECOMMENDED SOLDER PAD LAYOUT



PART NUMBER		SML-LX1206SOC-TR	REV	J
REV	E.C.N. NUMBER AND REVISION COMMENTS			DATE
A	E.C.N. #10805.			11.02.01
B	E.C.N. #10814.			12.03.01
C	E.C.N. #10967.			03.14.03
D	E.C.N. #11148.			01.20.05
E	E.C.N. #11466.			01.07.08
F	E.C.N. #11508.			03.09.09
G	E.C.N. #11644.			08.03.10
H	E.C.N. #10BRDR & REDRAWN.			04.20.11
I	E.C.N. #11829.			08.07.12
J	ECN-Lumex201700113			11.14.17

ELECTRO-OPTICAL CHARACTERISTIC TA=25°C

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	-	621	-	nm	If=20mA
FORWARD VOLTAGE	-	2.0	2.4	Vf	If=20mA
REVERSE CURRENT	-	-	10	uA	VR=5V
LUMINOUS INTENSITY	-	39	-	mcd	If=20mA
VIEWING ANGLE	-	130	-	2x theta1/2	-
EMITTED COLOR	ORANGE				
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)

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= ±0.00 DECIMAL PRECISION MAX= ±0.00 DECIMAL PRECISION

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WEB : WWW.LUMEX.COM

3.2(L)*1.5(W)*1.0(H)mm, PCB SURFACE MOUNT TOP VIEW LED, 621nm ORANGE, 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 : 2017.11.14	DRAWN BY : C.C.
PAGE : 1 OF 2	CHKD BY : G.Y.
SCALE : NTF	APRVD BY : E.C.
UNIT : mm [INCH]	

