



**THE DATASHEET OF
SML-LX1206SUGC-TR**



PART NUMBER	SML-LX1208SUGC-TR	REV	F
REV	E.C.N. NUMBER AND REVISION COMMENTS	DATE	
A	E.C.N. #10967	03.14.03	
B	E.C.N. #11148	06.05.05	
C	E.C.N. #11486	12.28.07	
D	E.C.N. #108RDR & REDRAWN1	04.20.11	
E	E.C.N. #11829	08.08.12	
F	E.C.N.L.umex201700105	11.09.17	

POLARITY



ELECTRO-OPTICAL CHARACTERISTIC TA=25°C

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	-	574	-	nm	If=20mA
FORWARD VOLTAGE	-	2.0	2.4	Vf	If=20mA
REVERSE CURRENT	-	-	10	uA	Vr=5V
LUMINOUS INTENSITY	-	21	-	md	If=20mA
VIEWING ANGLE	-	130	-	2x theta1/2	-
EMITTED COLOR	YELLOW GREEN				
EPOXY LENS FINISH	WATER CLEAR				

ABSOLUTE MAXIMUM RATINGS TA=25°C

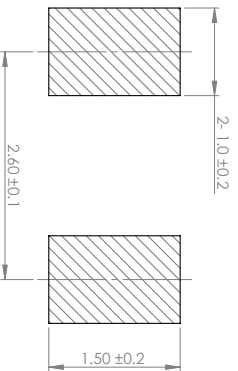
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	60	mA
FORWARD CURRENT	25	mA
REVERSE VOLTAGE	5	V
POWER DISSIPATION	60	mW
STORAGE TEMPERATURE	-40 TO +90	°C
OPERATING TEMPERATURE	-40 TO +85	°C
SOLDERING TEMPERATURE**	3 SEC. MAX @ 260	°C

*I<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



RECOMMENDED SOLDER PAD LAYOUT

3.2(L) *1.5(W) *1.0(H) (mm), PCB SURFACE MOUNT TOP VIEW LED, 575nm YELLOW GREEN, WATER CLEAR LENS, TAPE & REEL
MIN = -0.025mm, MAX = +0.025mm, PRECISION
DATE : 2017.11.09

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

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PAGE : 1 OF 2
SCALE : NTF
DATE : 2017.11.09
DRAWN BY : G.C.
CHKD BY : G.Y.
APRVD BY : E.C.
UNIT : mm (INCH)

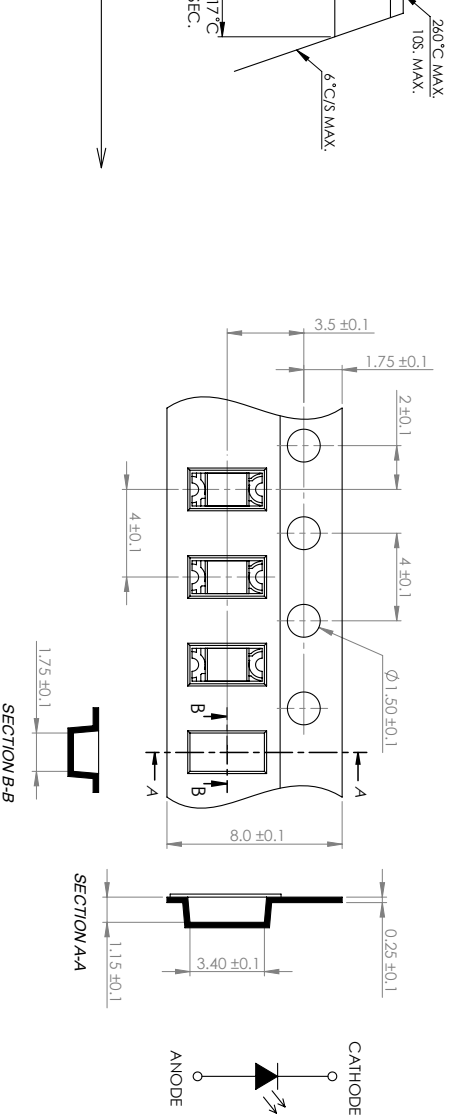
PART NUMBER

SM-LX1206SUGC-TR

REV

F

CARRIER TAPE DIMENSION



MIN= -0.025 (10.010), X.XX= 0.25 (10.010), X.XXX= 0.127 (5.009), LEAD SIZE= 0.05 (10.020), LEAD LENGTH= 0.75 (30.030), MIN= -0.025 (10.010), MAX= 0.025 (10.010)

3.2(L) * 1.5(W) * 1.0(H)mm, PCB SURFACE MOUNT TOP VIEW LEAD, 575mm YELLOW GREEN WATER CLEAR LENS TAPE & REEL

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DATE : 2017-11-09	DRAWN BY : C.C.
PAGE : 2 OF 2	CHD BY : G.Y.
SCALE : NTF	APRVD BY : E.C.
UNIT : mm [INCH]	



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- ⊖ [Lumex Opto/Components Inc. Information](#)

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