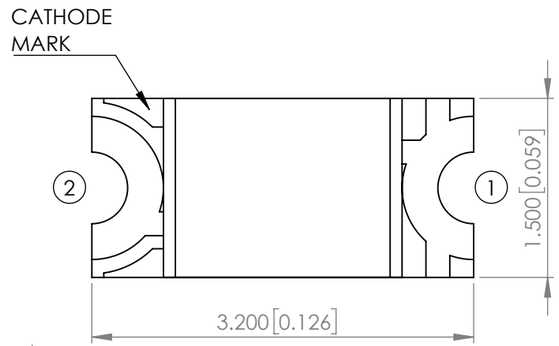
THE DATASHEET OF

SML-LX1206USBC-TR

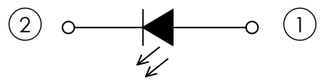
www.win-source.net 0086-755-83957316

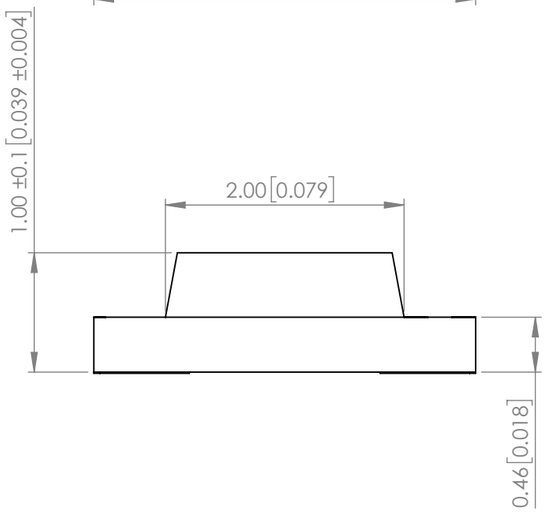
PART NUMBER	SML-LX1206USBC-TR	REV	K

REV	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10814.	12.03.01
B	E.C.N. #10967.	03.14.03
C	E.C.N. #11148.	01.20.05
D	E.C.N. #11466.	01.07.08
E	E.C.N. #11508.	03.09.09
F	E.C.N. #11644.	07.30.10
G	E.C.N. #11680.	07.30.10
H	E.C.N. #10BRDR & REDRAWN.	04.20.11
I	E.C.N. #11684.	08.15.11
J	ECN-Lumex201700107	11.09.17
K	ECN-Lumex202100002	02.05.21

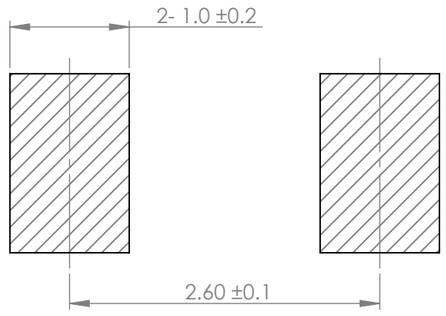


POLARITY





RECOMMENDED SOLDER PAD LAYOUT



ELECTRO-OPTICAL CHARACTERISTIC TA=25℃

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	-	468	-	nm	If=20mA
FORWARD VOLTAGE	-	3.3	3.7	Vf	If=20mA
REVERSE CURRENT	-	-	50	uA	V_R=5V
LUMINOUS INTENSITY	-	72	-	mcd	If=20mA
VIEWING ANGLE	-	130	-	2x theta1/2	-
EMITTED COLOR	BLUE				
EPOXY LENS FINISH	WATER CLEAR				

ABSOLUTE MAXIMUM RATINGS TA=25℃

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	40	mA
FORWARD CURRENT	20	mA
REVERSE VOLTAGE	5	V
POWER DISSIPATION	75	mW
STORAGE TEMPERATURE	-40 TO +90	℃
OPERATING TEMPERATURE	-40 TO +85	℃

***Duty 1/10 @1KHz**

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= $^{+\text{DECIMAL PRECISION}}_{-0.00}$ MAX.= $^{+0.00}_{-\text{DECIMAL PRECISION}}$

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FAX : 630-315-2150
WEB : WWW.LUMEX.COM

3.2(L)*1.5(W)*1.0(H)mm, PCB SURFACE MOUNT TOP VIEW LED, 468nm BLUE, WATER CLEAR LENS, TAPE & REEL

****THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE.****

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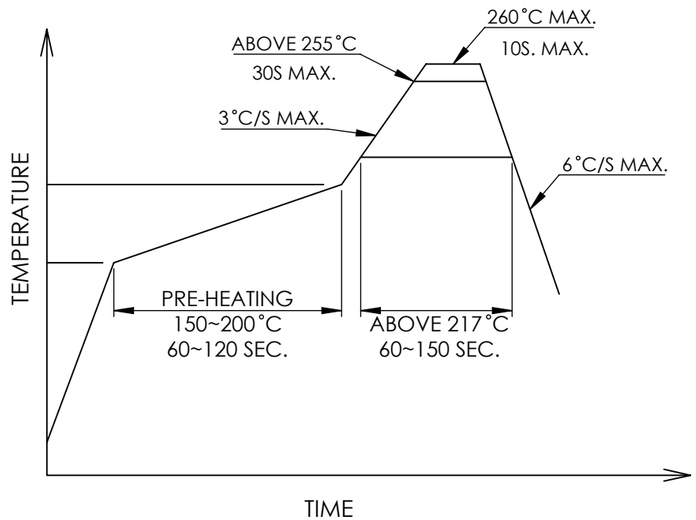
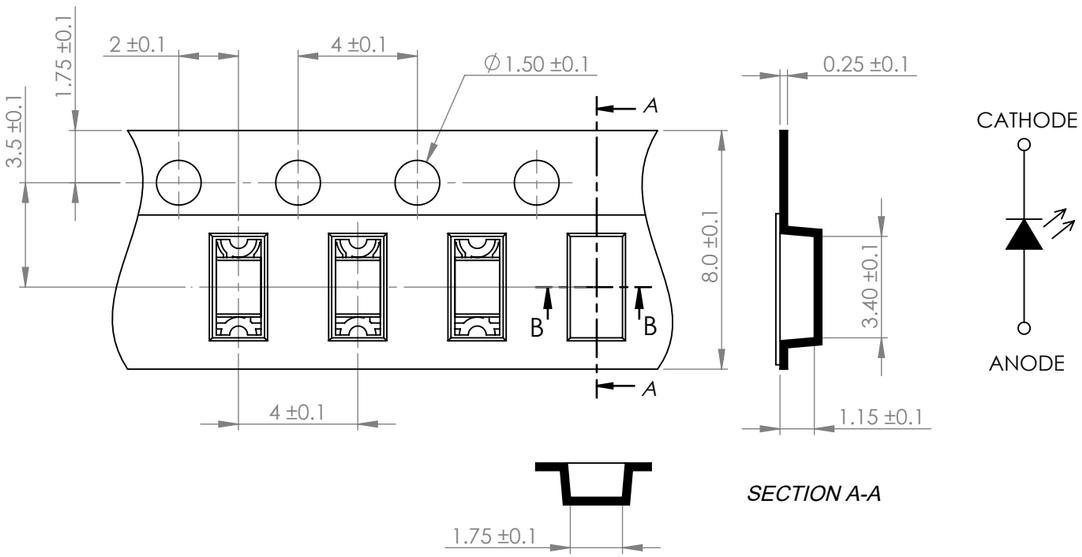
DATE : 2017.11.09	DRAWN BY : C.C.
PAGE : 1 OF 2	CHKD BY : G.Y.
SCALE : NTF	APRVD BY : E.C.
UNIT : mm [INCH]	Pb

PART NUMBER	SML-LX1206USBC-TR	REV	K

PROFILE



CARRIER TAPE DIMENSION



NOTE :
1. 2000 pcs/reel

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