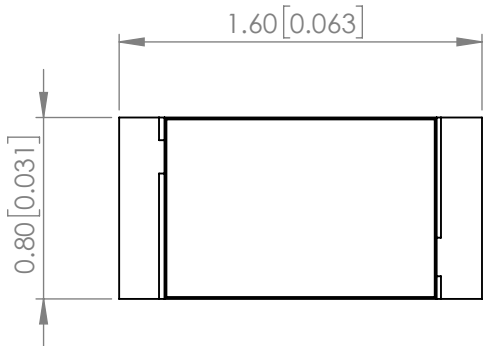
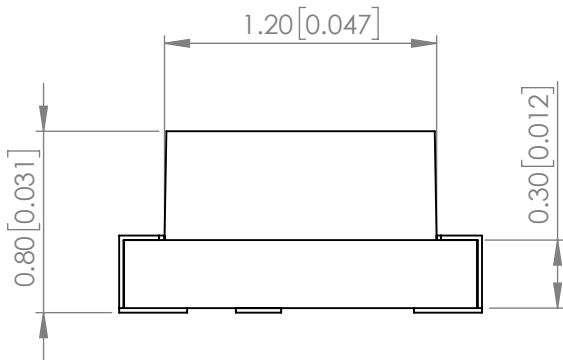
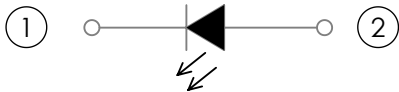


PART NUMBER		SML-LX0603UWD-TR	REV	D
REV	E.C.N. NUMBER AND REVISION COMMENTS			DATE
A	E.C.N. #11148			12.06.04
B	E.C.N. #11456.			12.03.07
C	E.C.N. #11551.			12.16.08
D	ECN-Lumex201800116			06.28.18



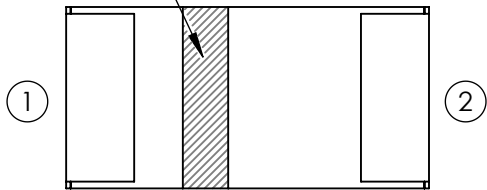
POLARITY



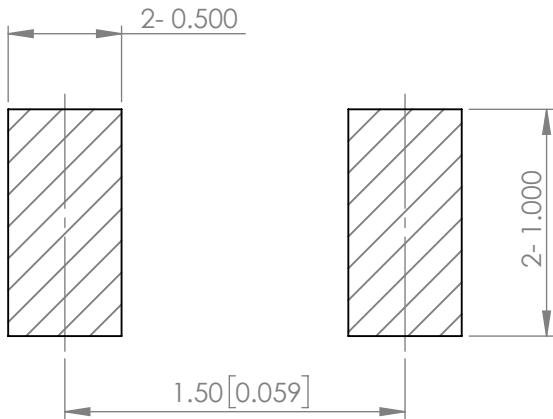
ELECTRO-OPTICAL CHARACTERISTIC TA=25°C

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
CHROMATICITY COORDINATES	-	0.3	-	-	If=20mA
	-	0.3	-	-	
FORWARD VOLTAGE	2.7	-	3.7	Vf	If=20mA
REVERSE CURRENT	-	-	50	uA	VR=5V
LUMINOUS INTENSITY	112	-	285	mcd	If=20mA
VIEWING ANGLE	-	110	-	2x theta1/2	-
EMITTED COLOR	WHITE				
EPOXY LENS FINISH	YELLOW DIFFUSED				

CATHODE MARK



RECOMMENDED SOLDER PAD LAYOUT



ABSOLUTE MAXIMUM RATINGS TA=25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
FORWARD CURRENT	20	mA
REVERSE VOLTAGE	5	V
POWER DISSIPATION	75	mW
STORAGE TEMPERATURE	-40 TO +90	°C
OPERATING TEMPERATURE	-40 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).
4. PACKAGE: 4000 PCS/REEL.

MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 3 STANDARDS

STATIC DEVICE FOLLOW PROPER
E.S.D. HANDLING PROCEDURES
WHEN WORKING WITH THIS PART

*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}



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

1.6(L)*0.8(W)*0.8(H)mm, PCB CHIP, SURFACE MOUNT LED, ULTRA WHITE LED, YELLOW DIFFUSED LENS.

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

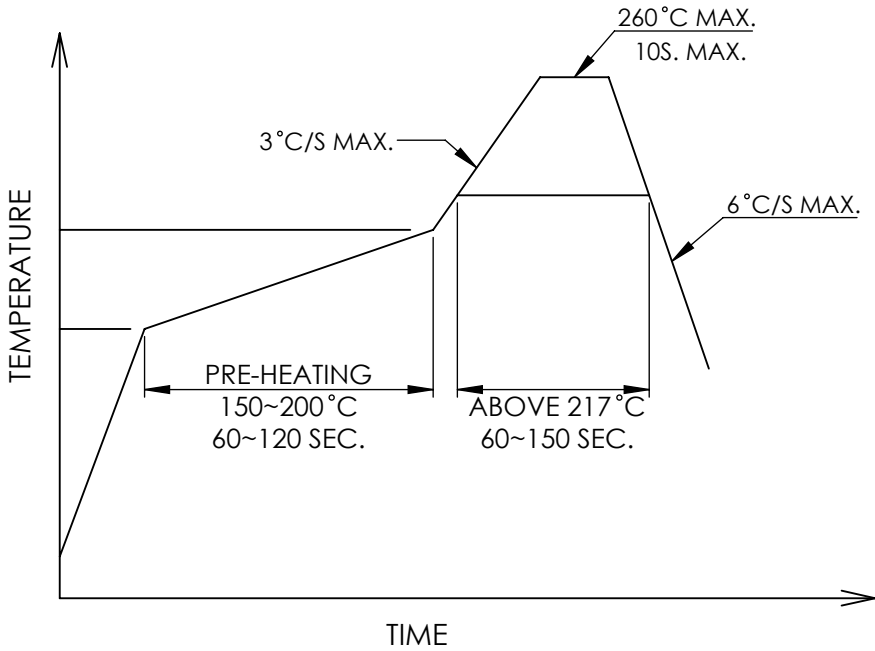
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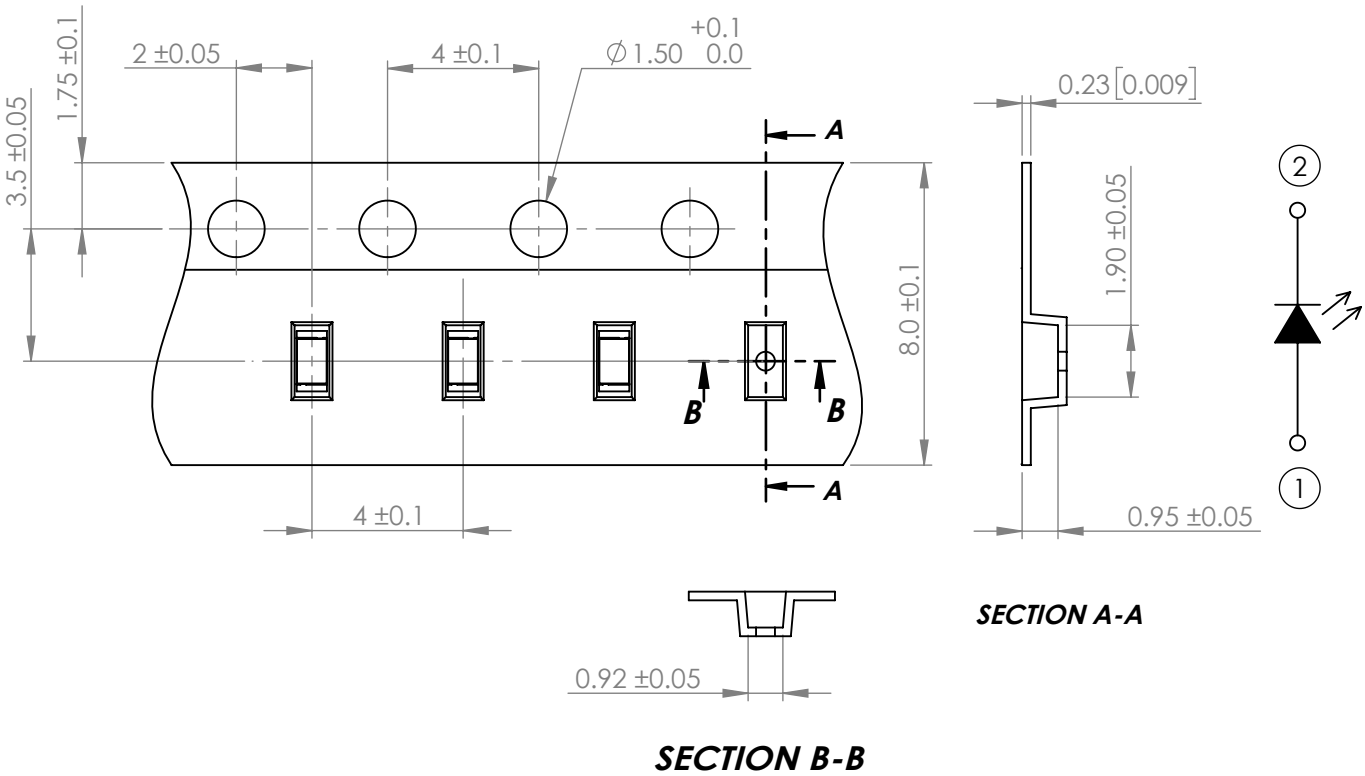
DATE : 2018.06.28
PAGE : 1 OF 2
SCALE : NTF
UNIT : mm [INCH]

DRAWN BY : E.C.
CHKD BY : E.C.
APRVD BY : G.Y.
Ⓢ

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= $\begin{smallmatrix} +\text{DECIMAL PRECISION} \\ -0.00 \end{smallmatrix}$ MAX.= $\begin{smallmatrix} +0.00 \\ -\text{DECIMAL PRECISION} \end{smallmatrix}$



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PAGE : 2 OF 2

CHKD BY : E.C.

SCALE : NTF

APRVD BY : G.Y.

UNIT : mm [INCH]

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[SML-LX0603UWD-TR](#)