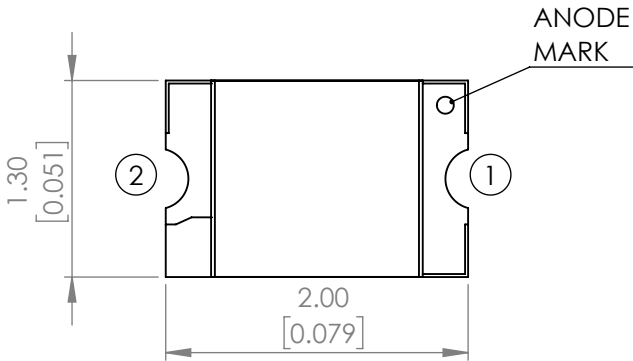
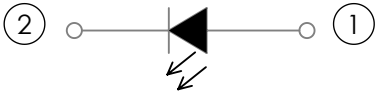


PART NUMBER		SML-LXT0805SRW-TR	REV	H
REV	E.C.N. NUMBER AND REVISION COMMENTS			DATE
A	E.C.N #10567.			12.08.99
B	E.C.N #10695.			01.08.01
C	E.C.N #10814.			02.25.02
D	E.C.N #10967.			03.22.04
E	E.C.N #11248.			08.12.05
F	E.C.N #11368.			11.21.06
G	E.C.N #11508.			09.30.09
H	ECN-Lumex201800045			03.07.18

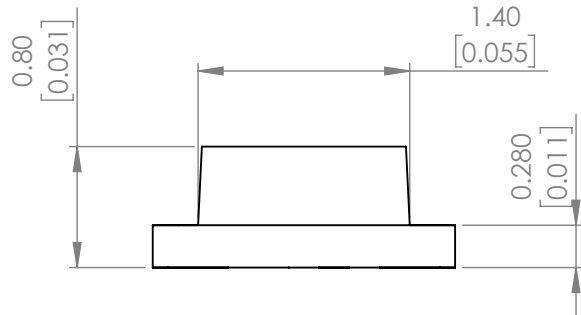


POLARITY

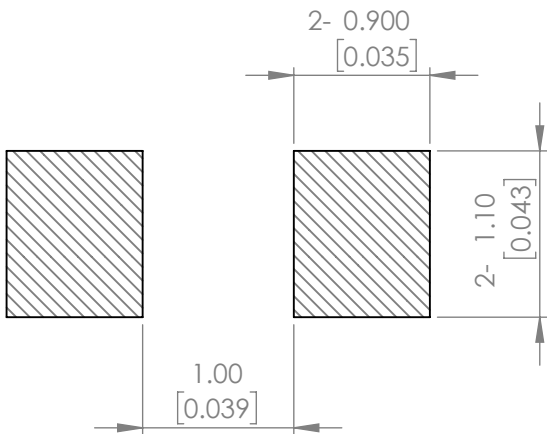
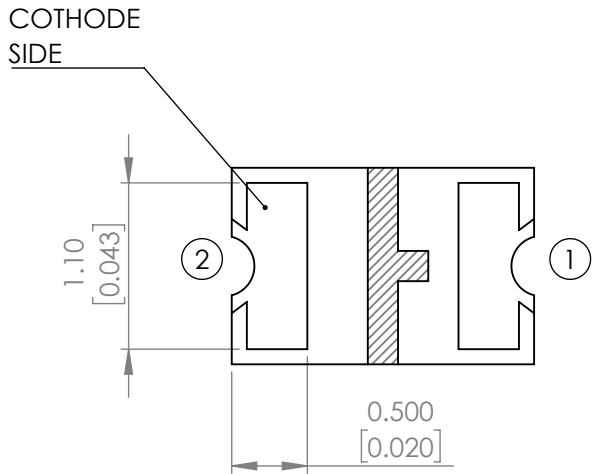


ELECTRO-OPTICAL CHARACTERISTIC TA=25°C

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGHT	-	655	-	nm	If=20mA
FORWARD VOLTAGE	-	1.8	2.4	Vf	If=20mA
REVERSE CURRENT	-	-	10	uA	Vr=5V
LUMINOUS INTENSITY	-	11	-	mcd	If=20mA
VIEWING ANGLE	-	130	-	2x theta1/2	-
EMITTED COLOR	RED				
EPOXY LENS FINISH	MILKY WHITE DIFFUSED				



RECOMMENDED SOLDER PAD LAYOUT



ABSOLUTE MAXIMUM RATINGS TA=25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	40	mA
FORWARD CURRENT	20	mA
REVERSE VOLTAGE	5	V
POWER DISSIPATION	48	mW
STORAGE TEMPERATURE	-40 TO +100	°C
OPERATING TEMPERATURE	-40 TO +85	°C

*t<10us

**2.0mm FROM BODY.

CAUTION : MOISTURE SENTIVE DEVICE
PER JEDEC LEVEL 4 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= ^{+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

2.00(L)*1.30(W)*0.8(H), THIN PCB SURFACE MOUNT LED, 655nm AlGaAs SUPER RED, MILKY WHITE DIFFUSED, TAPE & REEL.

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE.

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DATE : 2018.03.07

DRAWN BY : A.C.

PAGE : 1 OF 2

CHKD BY : E.C.

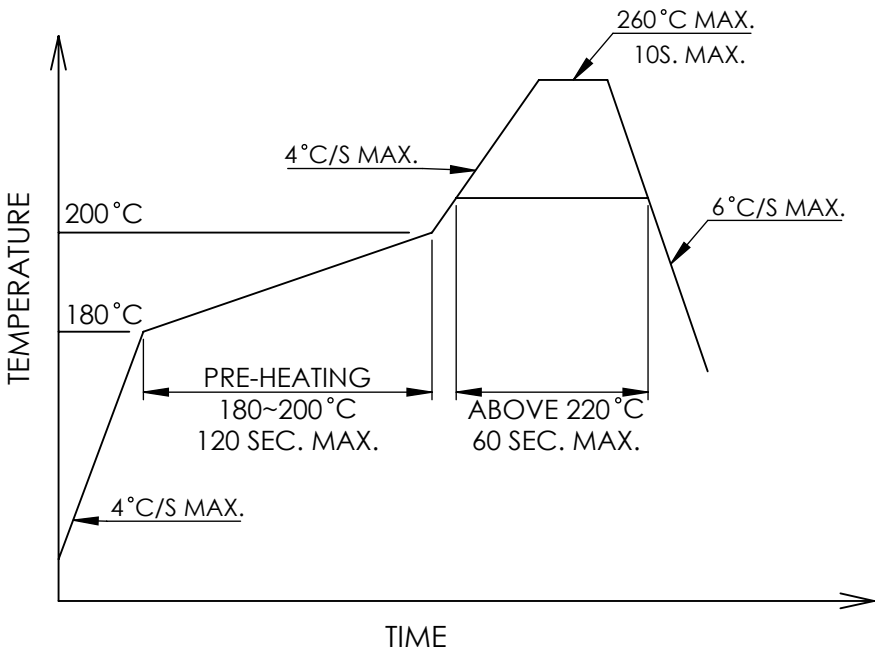
SCALE : NTF

APRVD BY : G.Y.

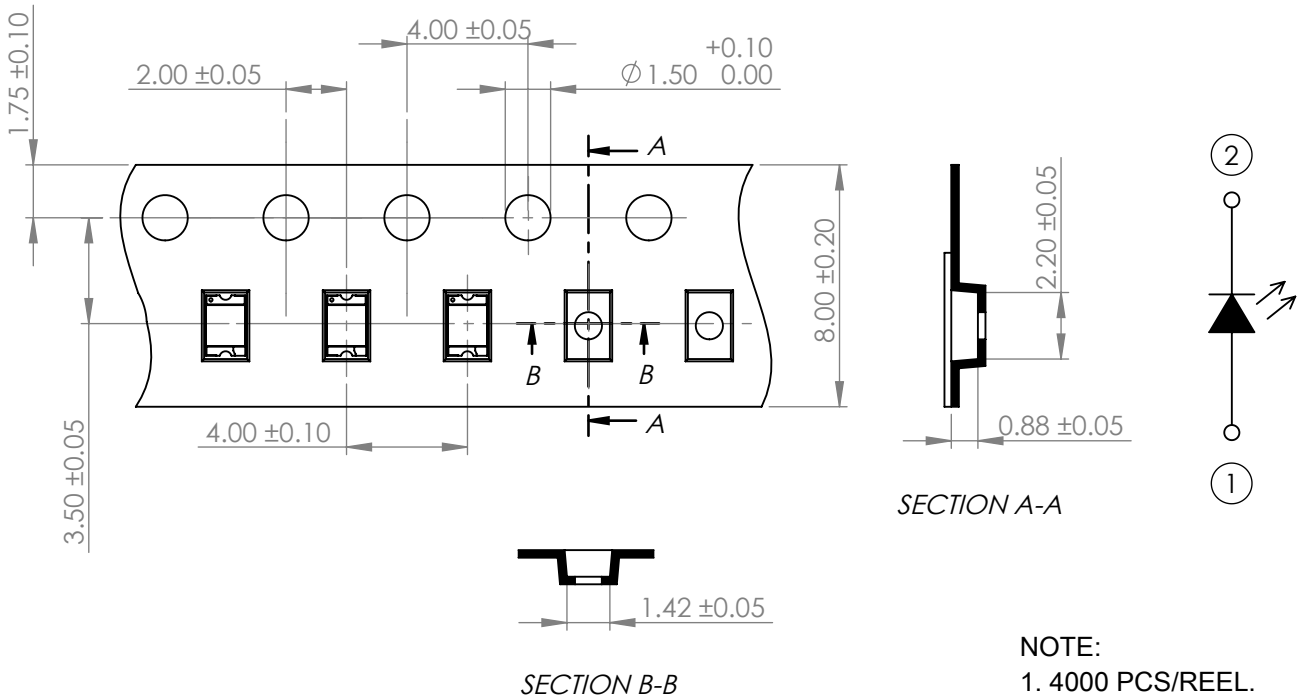
UNIT : mm [INCH]

Pb

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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SCALE : NTF

APRVD BY : G.Y.

UNIT : mm [INCH]

Pb