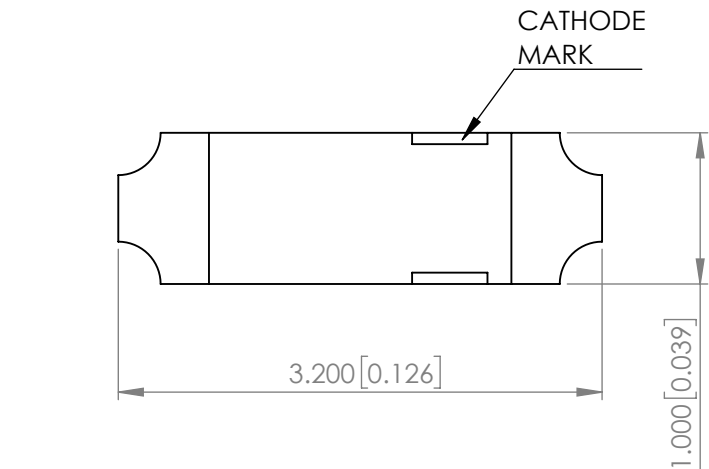
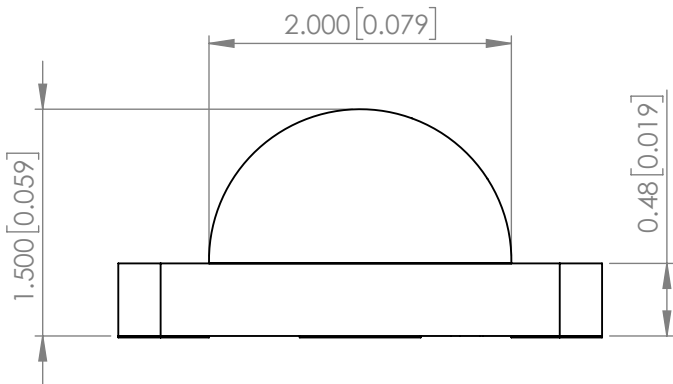
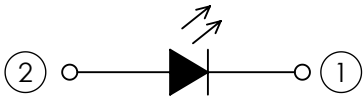


PART NUMBER		SML-LXR85AC-TR	REV	E
REV	E.C.N. NUMBER AND REVISION COMMENTS		DATE	
A	E.C.N. #10644.		07.18.00	
B	E.C.N. #10BRDR./ #10771.		07.30.01	
C	E.C.N. #11248.		08.12.05	
D	E.C.N. #10BRDR. & REDRAWN/ #11704.		03.18.11	
E	ECN-Lumex201700114		11.15.17	



POLARITY



ELECTRO-OPTICAL CHARACTERISTIC TA=25°C

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	-	610	-	nm	If=20mA
FORWARD VOLTAGE	-	2.1	2.6	Vf	If=20mA
REVERSE CURRENT	-	-	10	uA	VR=5V
LUMINOUS INTENSITY	-	7	-	mcd	If=20mA
VIEWING ANGLE	-	115	-	2x theta1/2	-
EMITTED COLOR	AMBER				
EPOXY LENS FINISH	WATER CLEAR				

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
SOLDERING TEMPERATURE**	3 SEC. MAX @ 260	°C

*t<10us

**2.0mm FROM BODY.

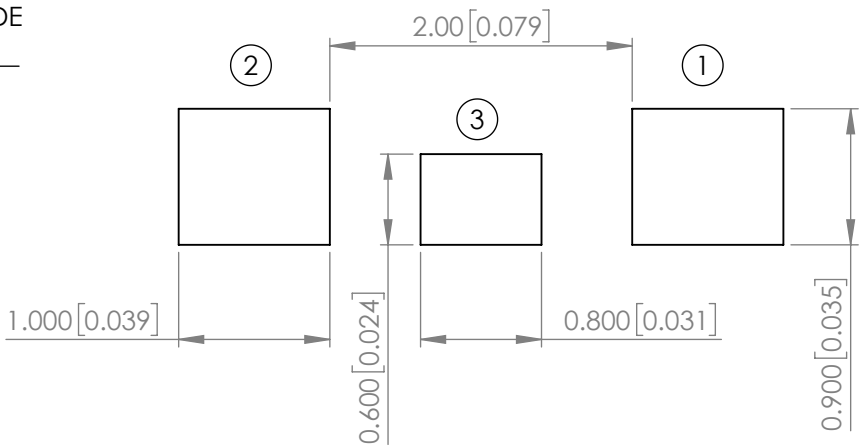
NOTE:

1. RoHS COMPLIANT.
2. 3000 PCS/REEL.

MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 2a STANDARDS

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

RECOMMENDED SOLDER PAD LAYOUT



*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

3.2(L)*1.0(W)*1.5(H)mm, PCB RIGHT ANGLE SURFACE MOUNT LED, 610nm AMBER, WATER CLEAR LENS, TAPE & REEL.

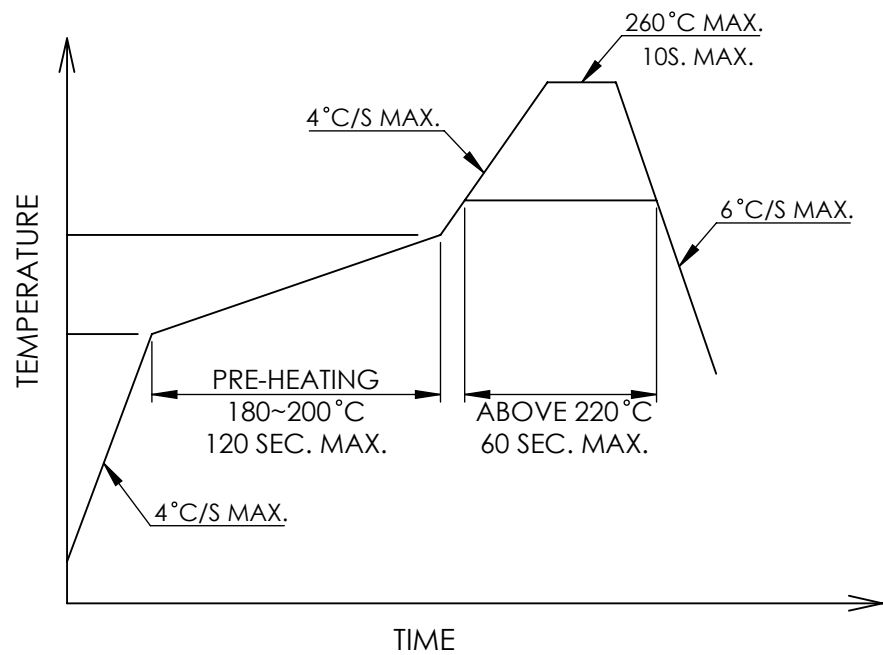
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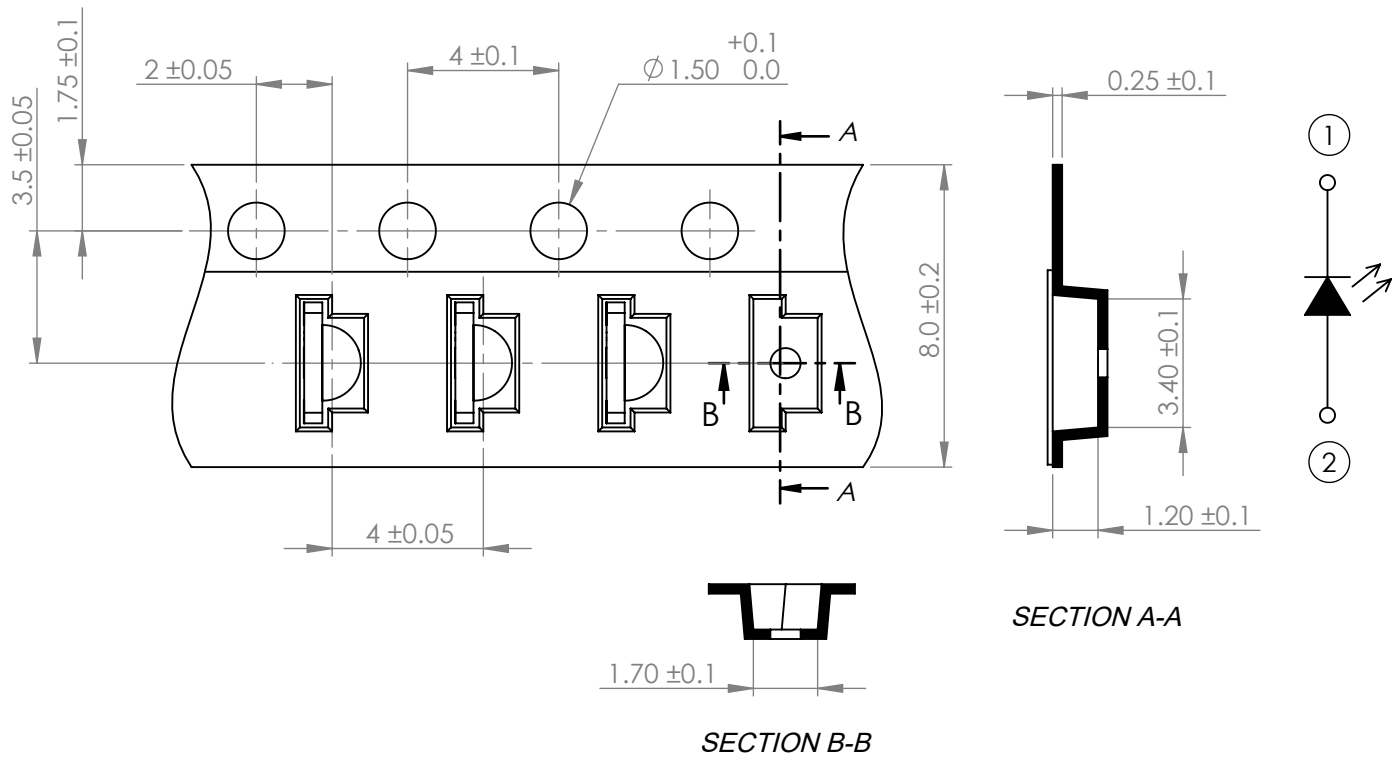
DATE : 2017.11.14
PAGE : 1 OF 2
SCALE : NTF
UNIT : mm [INCH]

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

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= ^{+DECIMAL PRECISION}/_{-0.00} MAX.= ^{+0.00}/_{-DECIMAL PRECISION}



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PAGE : 2 OF 2

CHKD BY : G.Y.

SCALE : NTF

APRVD BY : E.C.

UNIT : mm [INCH]

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Mouser Electronics

Authorized Distributor

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[SML-LXR85AC-TR](#)