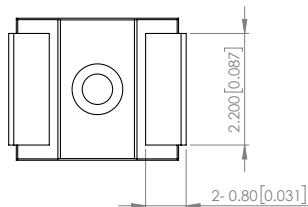
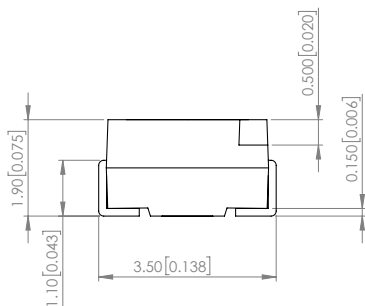
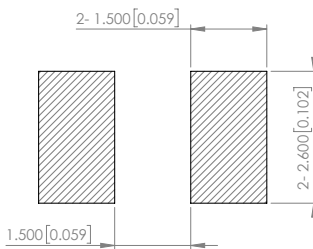


#### POLARITY



#### RECOMMENDED SOLDER PAD LAYOUT



| PART NUMBER |                                     | SML-LX2832SOC-TR | REV      | F |
|-------------|-------------------------------------|------------------|----------|---|
| REV         | E.C.N NUMBER AND REVISION COMMENTS  |                  | DATE     |   |
| A           | E.C.N. #10967.                      |                  | 03.14.03 |   |
| B           | E.C.N. #11450.                      |                  | 02.08.05 |   |
| C           | E.C.N. #11627.                      |                  | 10.16.07 |   |
| D           | E.C.N. #10BRDR. & REDRAWN / #11812. |                  | 04.11.12 |   |
| E           | E.C.N. #10BRDR.                     |                  | 11.12.12 |   |
| F           | ECN-Lumex201700133                  |                  | 12.28.17 |   |

#### ELECTRO-OPTICAL CHARACTERISTIC TA=25°C

| PARAMETER          | MIN         | TYP | MAX | UNITS       | TEST COND |
|--------------------|-------------|-----|-----|-------------|-----------|
| PEAK WAVELENGTH    | -           | 610 | -   | nm          | If=20mA   |
| FORWARD VOLTAGE    | -           | 2.0 | 2.4 | Vf          | If=20mA   |
| REVERSE CURRENT    | -           | -   | 10  | uA          | VR=5V     |
| LUMINOUS INTENSITY | -           | 55  | -   | mcd         | If=20mA   |
| VIEWING ANGLE      | -           | 120 | -   | 2x theta1/2 | -         |
| EMITTED COLOR      | ORANGE      |     |     |             |           |
| 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 +100     | °C    |
| OPERATING TEMPERATURE | -40 TO +85      | °C    |
| SOLDERING TEMPERATURE | 3 SEC. MAX @260 | °C    |

\*t<10us

#### NOTE:

1. RoHS COMPLIANT.
2. PACKAGE: 2000 PCS/REEL.

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= <sup>+0.00</sup>DECIMAL PRECISION <sub>-0.00</sub> MAX= <sup>+0.00</sup>DECIMAL PRECISION <sub>-0.00</sub>



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

3.2(L)\*2.8(W)\*1.9(H)mm, SURFACE MOUNT TOP VIEW LED, 610 ORANGE, WATER CLEAR LENS, TAPE & REEL.

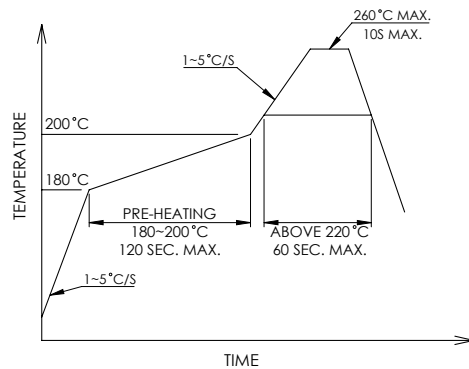
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#### CONFIDENTIAL INFORMATION

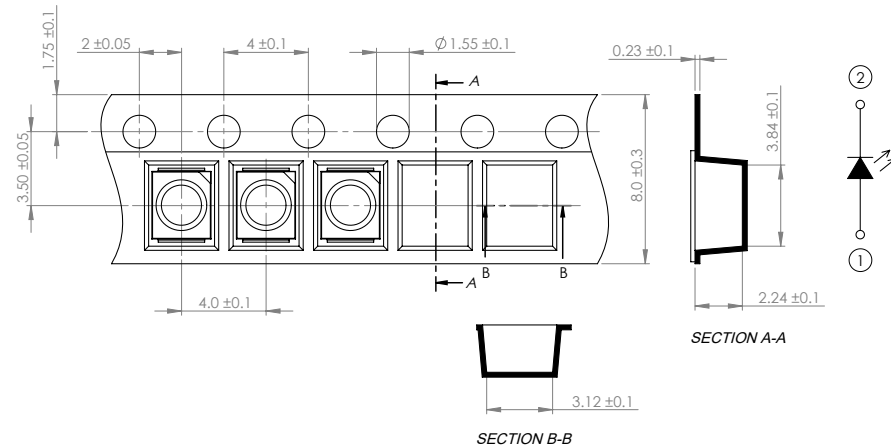
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|                   |                 |
|-------------------|-----------------|
| DATE : 2017.12.28 | DRAWN BY : C.C. |
| PAGE : 1 OF 2     | CHKD BY : E.C.  |
| SCALE : NTF       | APRVD BY : G.Y. |
| UNIT : mm [INCH]  | Ⓢ               |

## 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= <sup>+0.00</sup>DECIMAL PRECISION -0.00 MAX= <sup>+0.00</sup>DECIMAL PRECISION -0.00



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3.2(L)\*2.8(W)\*1.9(H)mm, SURFACE MOUNT TOP VIEW LED, 610 ORANGE, WATER CLEAR LENS, TAPE & REEL.

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DATE : 2017.12.28

DRAWN BY : C.C.

PAGE : 2 OF 2

CHKD BY : E.C.

SCALE : NTF

APRVD BY : G.Y.

UNIT : mm [INCH]

