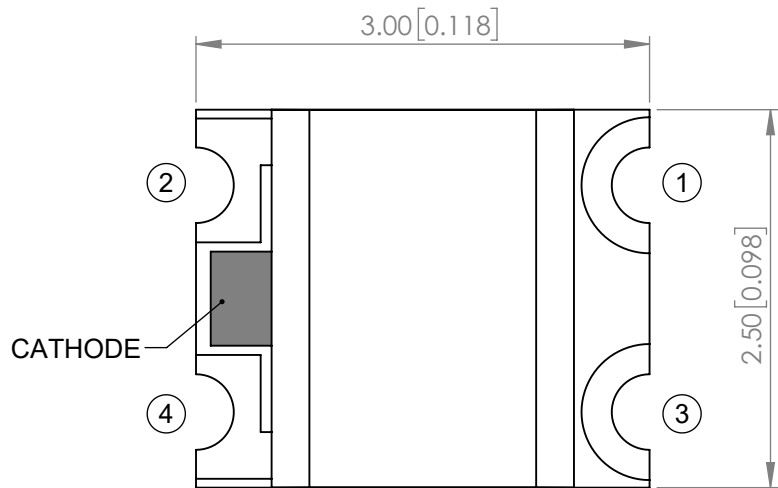
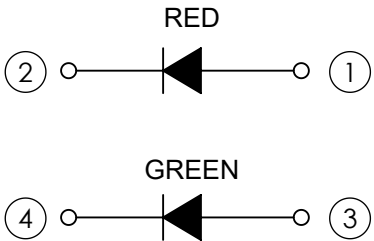


| PART NUMBER |                                     | SML-LX2530IGC-TR | REV      | C |
|-------------|-------------------------------------|------------------|----------|---|
| REV         | E.C.N. NUMBER AND REVISION COMMENTS |                  | DATE     |   |
| A           | E.C.N #10967                        |                  | 03.14.03 |   |
| B           | E.C.N #11148.                       |                  | 07.14.05 |   |
| C           | ECN-Lumex201900066                  |                  | 04.26.19 |   |



**POLARITY**



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

| PARAMETER          |   | MIN         | TYP | MAX | UNITS       | TEST COND |
|--------------------|---|-------------|-----|-----|-------------|-----------|
| PEAK WAVELENGTH    | R | -           | 630 | -   | nm          | If=20mA   |
|                    | G | -           | 565 | -   |             |           |
| FORWARD VOLTAGE    | R | -           | 2   | 2.5 | V           | If=20mA   |
|                    | G | -           | 2.2 | 2.5 |             |           |
| REVERSE CURRENT    |   | -           | -   | 10  | uA          | VR=5V     |
| LUMINOUS INTENSITY | R | -           | 8   | -   | mcd         | If=20mA   |
|                    | G | -           | 15  | -   |             |           |
| VIEWING ANGLE      |   | -           | 160 | -   | 2x theta1/2 | -         |
| EMITTED COLOR      |   | RED / GREEN |     |     |             |           |
| EPOXY LENS FINISH  |   | WATER CLEAR |     |     |             |           |

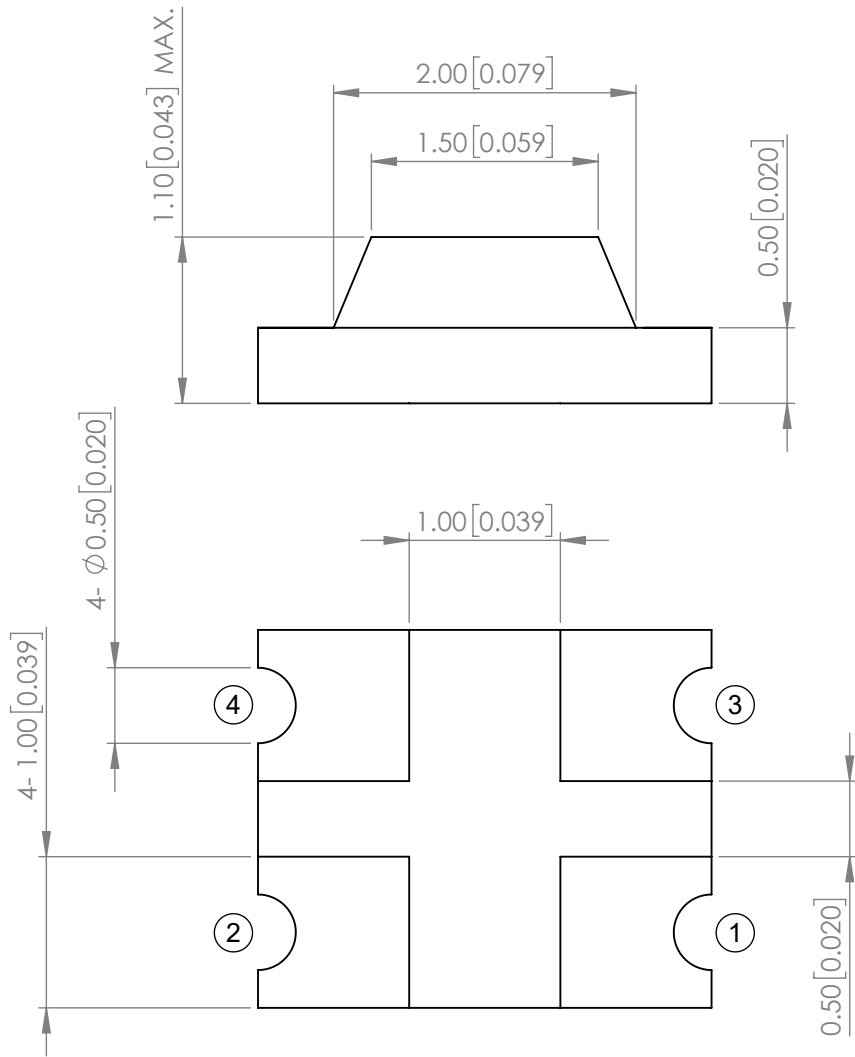
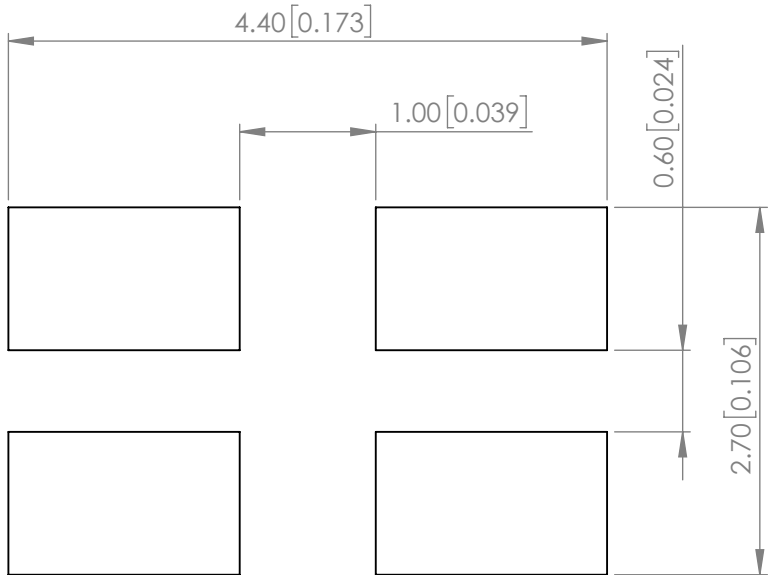
**ABSOLUTE MAXIMUM RATINGS TA=25°C**

| PARAMETER                   | MAX        | UNITS |
|-----------------------------|------------|-------|
| PEAK FORWARD CURRENT (R/G)* | 160/140    | mA    |
| FORWARD CURRENT (R/G)       | 30/25      | mA    |
| REVERSE VOLTAGE             | 5          | V     |
| POWER DISSIPATION (R/G)     | 75/62.5    | mW    |
| STORAGE TEMPERATURE         | -40 TO +85 | °C    |
| OPERATING TEMPERATURE       | -40 TO +85 | °C    |

\*t<10us

MOISTURE SENSITIVE DEVICE  
PER JEDEC LEVEL 3 STANDARDS

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



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

3.0(L)\*2.5(W)\*1.1(H)mm,SURFACE MOUNT LED, GaAsP/GaP 630nm RED, GaP 565nm GREEN, WATER CLEAR LENS, TAPE & REEL.

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

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PAGE : 1 OF 2

CHKD BY : E.C.

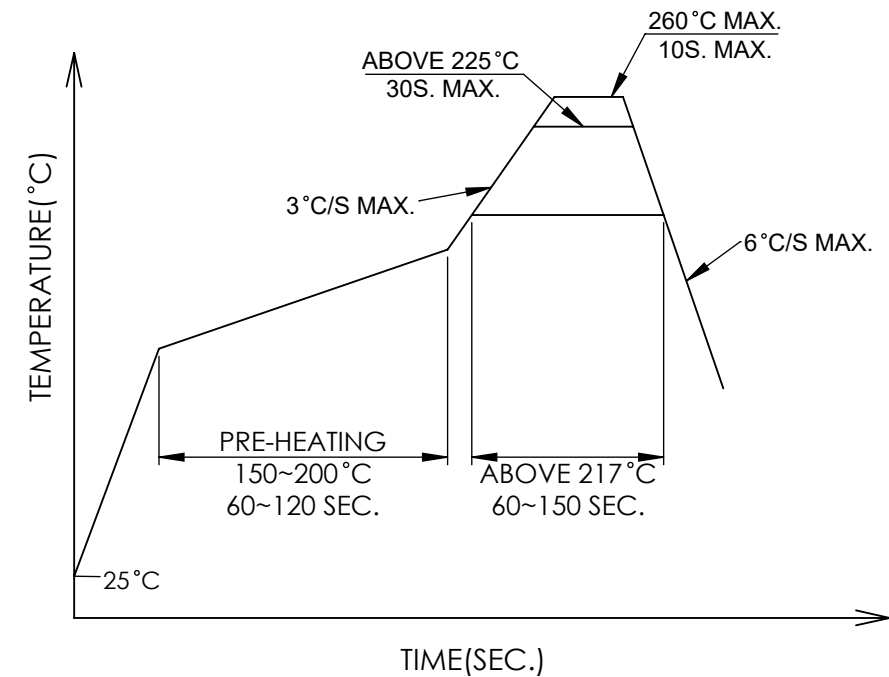
SCALE : NTF

APRVD BY : G.Y.

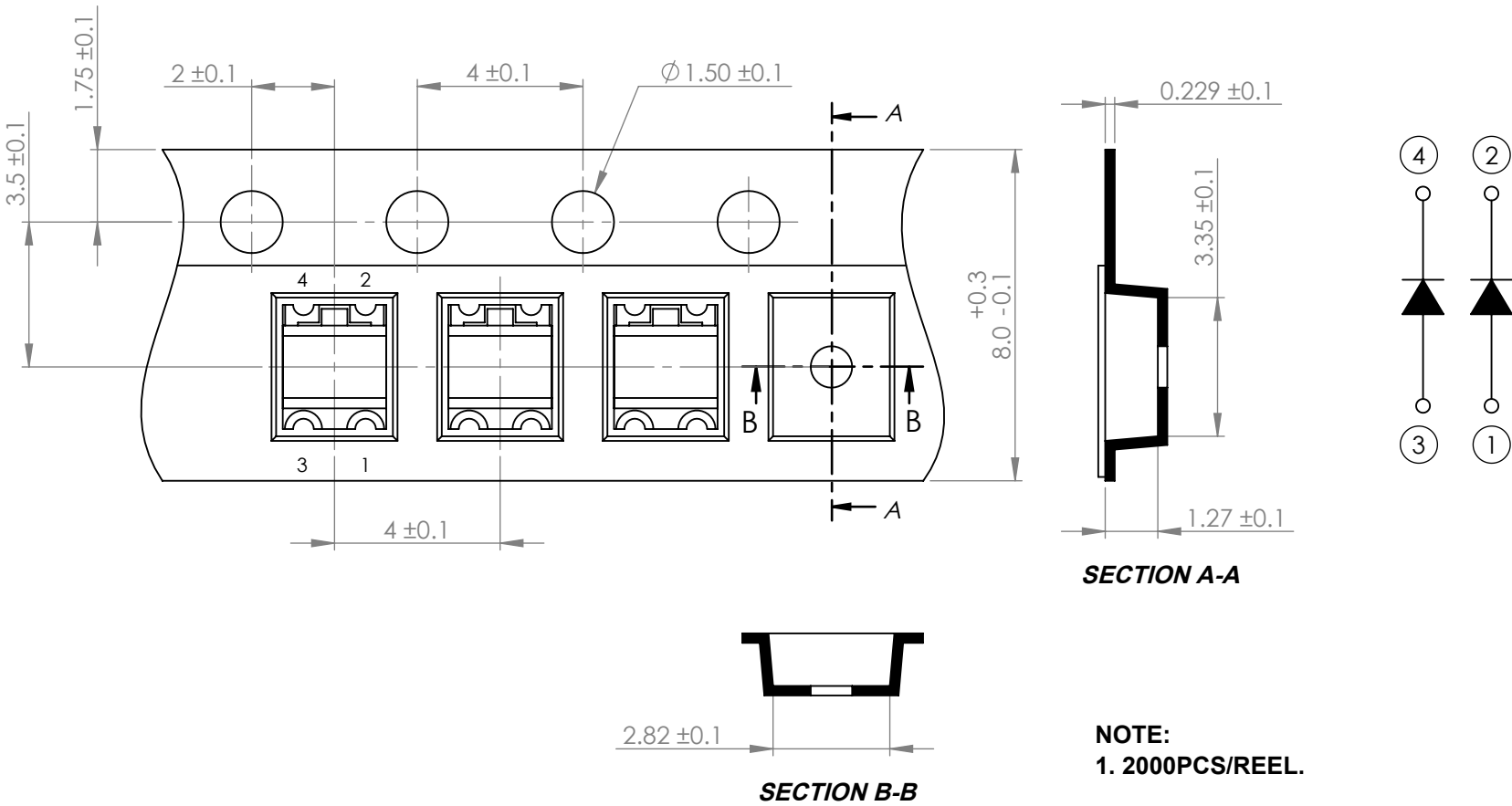
UNIT : mm [INCH]

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



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SCALE : NTF

APRVD BY : G.Y.

UNIT : mm [INCH]

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