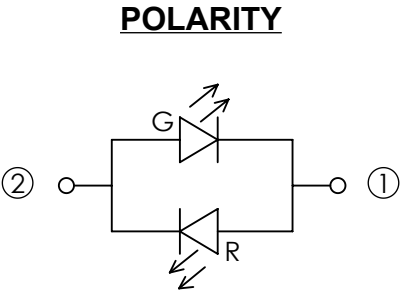
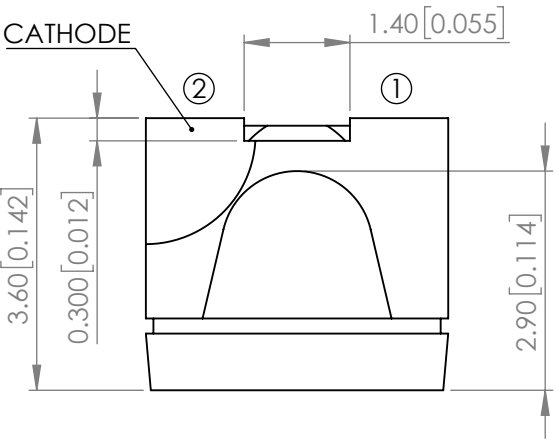


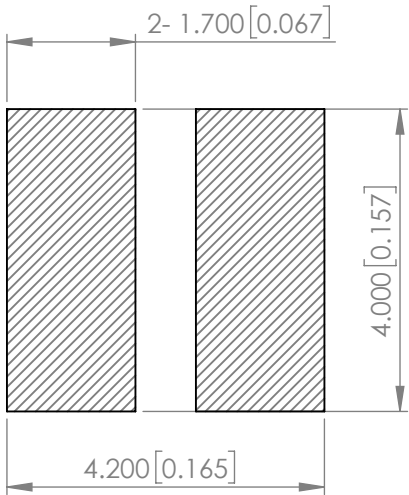
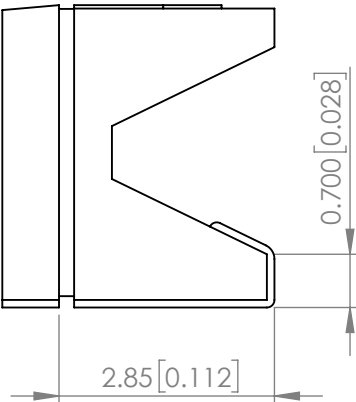
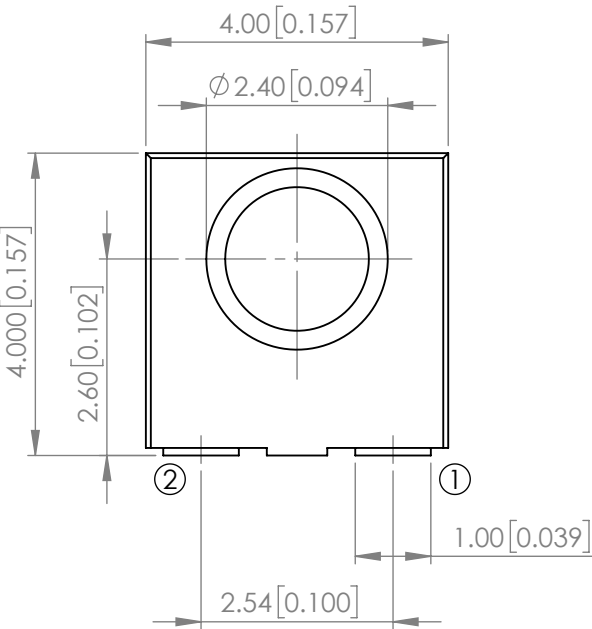
PRELIMINARY



ELECTRO-OPTICAL CHARACTERISTIC TA=25°C

| PARAMETER          |   | MIN         | TYP | MAX  | UNITS       | TEST COND |
|--------------------|---|-------------|-----|------|-------------|-----------|
| PEAK WAVELENGTH    | R | -           | 640 | -    | nm          | If=10mA   |
|                    | G | -           | 574 | -    |             |           |
| FORWARD VOLTAGE    | R | -           | 2.0 | 2.3  | Vf          | If=10mA   |
|                    | G | -           | 2.0 | 2.45 |             |           |
| LUMINOUS INTENSITY | R | -           | 400 | -    | mcd         | If=10mA   |
|                    | G | -           | 30  | -    |             |           |
| VIEWING ANGLE      |   | -           | 120 | -    | 2x theta1/2 | -         |
| EMITTED COLOR      |   | RED / GREEN |     |      |             |           |
| EPOXY LENS FINISH  |   | WATER CLEAR |     |      |             |           |

RECOMMENDED SOLDER PAD LAYOUT



ABSOLUTE MAXIMUM RATINGS TA=25°C

| PARAMETER                  | MAX        | UNITS |
|----------------------------|------------|-------|
| PEAK FORWARD CURRENT(R/G)* | 150/150    | mA    |
| FORWARD CURRENT(R/G)       | 30/30      | mA    |
| POWER DISSIPATION(R/G)     | 69/74      | mW    |
| STORAGE TEMPERATURE        | -40 TO +85 | °C    |
| OPERATING TEMPERATURE      | -40 TO +85 | °C    |

\*1/10 Duty Cycle, 0.1ms Pulse Width

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

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>+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

4(L)\*3.6(W)\*4(H)mm,RIGHT ANGLE BOOMERANG SURFACE MOUNT LED, 640nm RED/574nm GREEN LED, WATER CLEAR LENS, TAPE AND REEL.

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

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PAGE : 1 OF 2

CHKD BY : E.C.

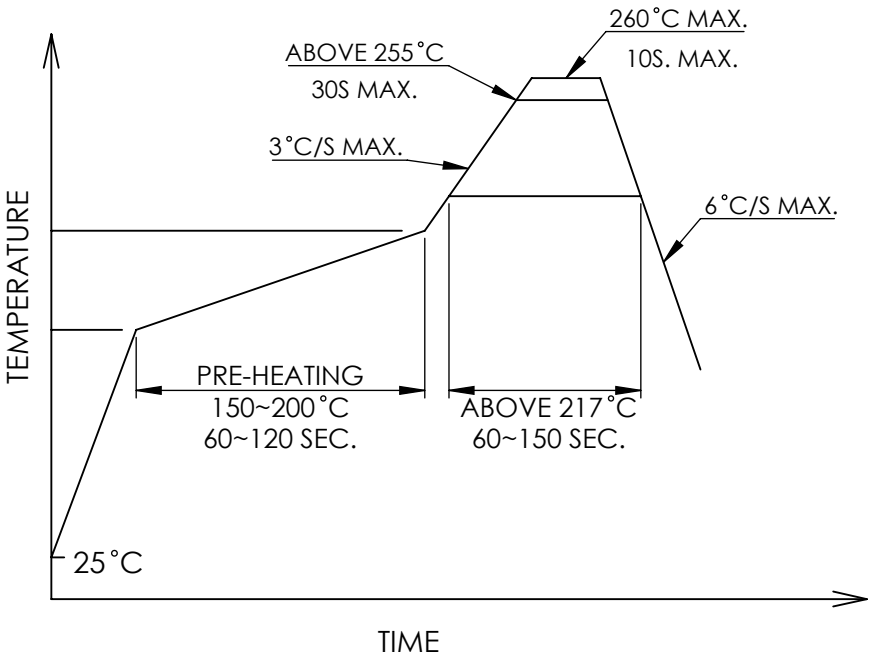
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APRVD BY : --

UNIT : mm [INCH]

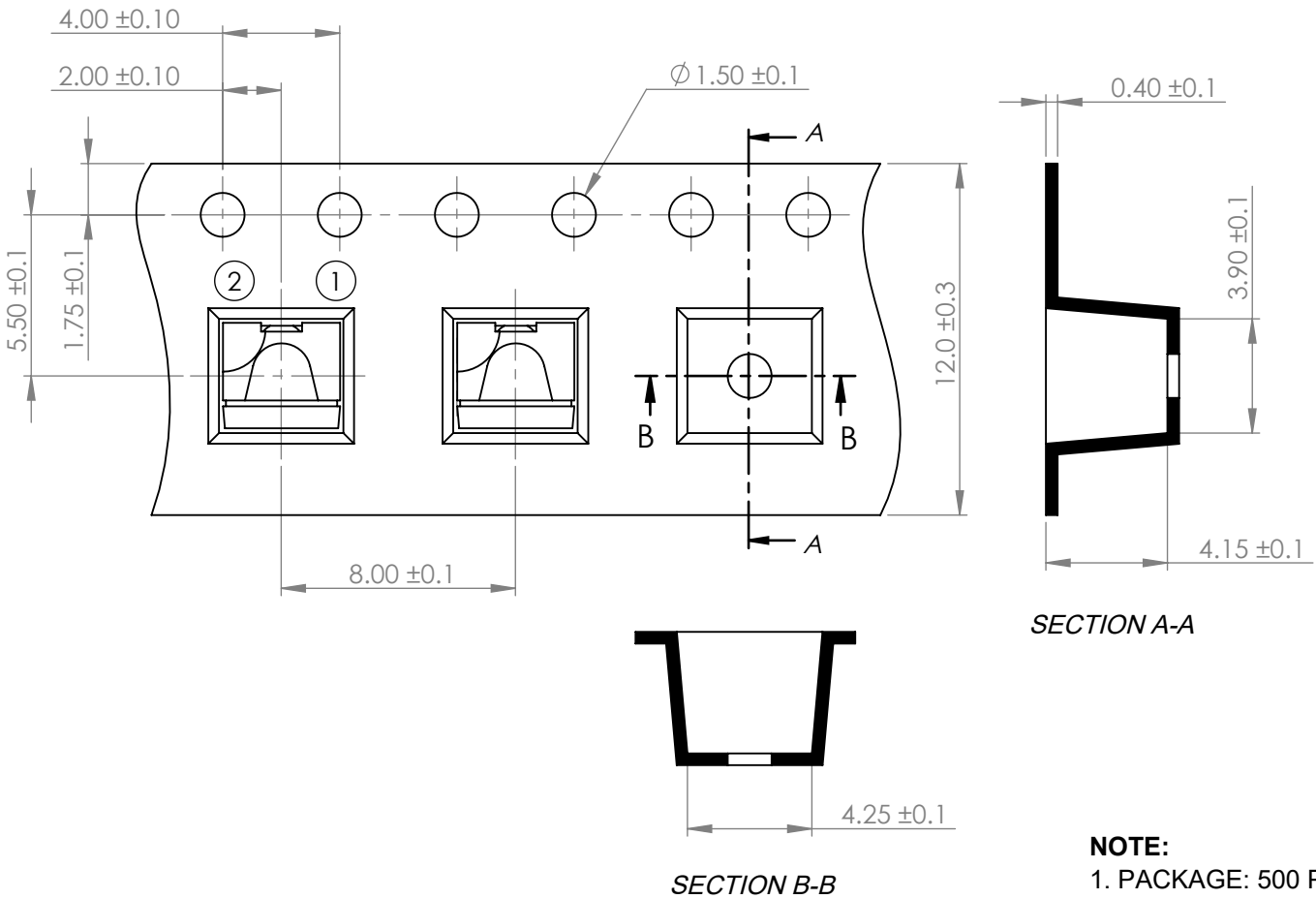
Ⓢ

PROFILE



CARRIER TAPE DIMENSION

TAPE FEED DIRECTION →



\*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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| PAGE : 2 OF 2     | CHKD BY : E.C.  |
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