

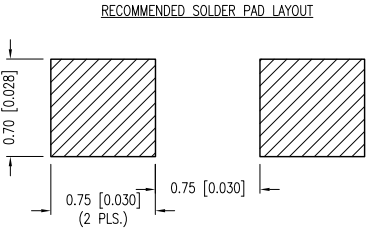
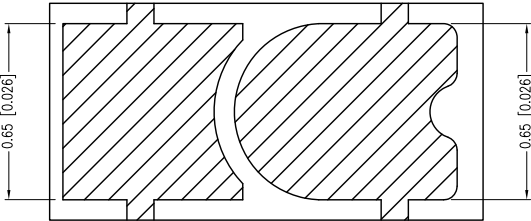
| ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=5mA |             |     |     |          |           |
|------------------------------------------------|-------------|-----|-----|----------|-----------|
| PARAMETER                                      | MIN         | TYP | MAX | UNITS    | TEST COND |
| PEAK WAVELENGTH                                |             | 610 |     | nm       |           |
| FORWARD VOLTAGE                                | 1.7         | 2.0 | 2.2 | Vf       | Ir=10µA   |
| REVERSE VOLTAGE                                | 5.0         |     |     | Vr       | If=5mA    |
| AXIAL INTENSITY                                | 30          |     | 60  | mcd      |           |
| VIEWING ANGLE                                  |             | 130 |     | 2x theta |           |
| EMITTED COLOR:                                 | ORANGE      |     |     |          |           |
| LENS FINISH:                                   | WATER CLEAR |     |     |          |           |

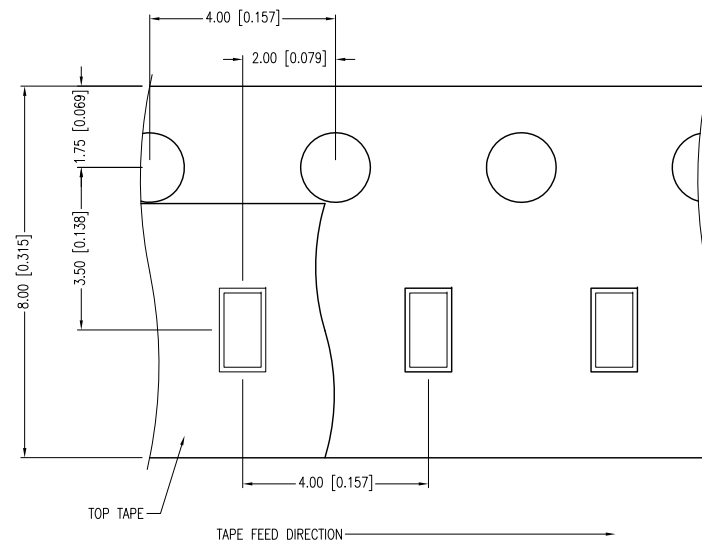
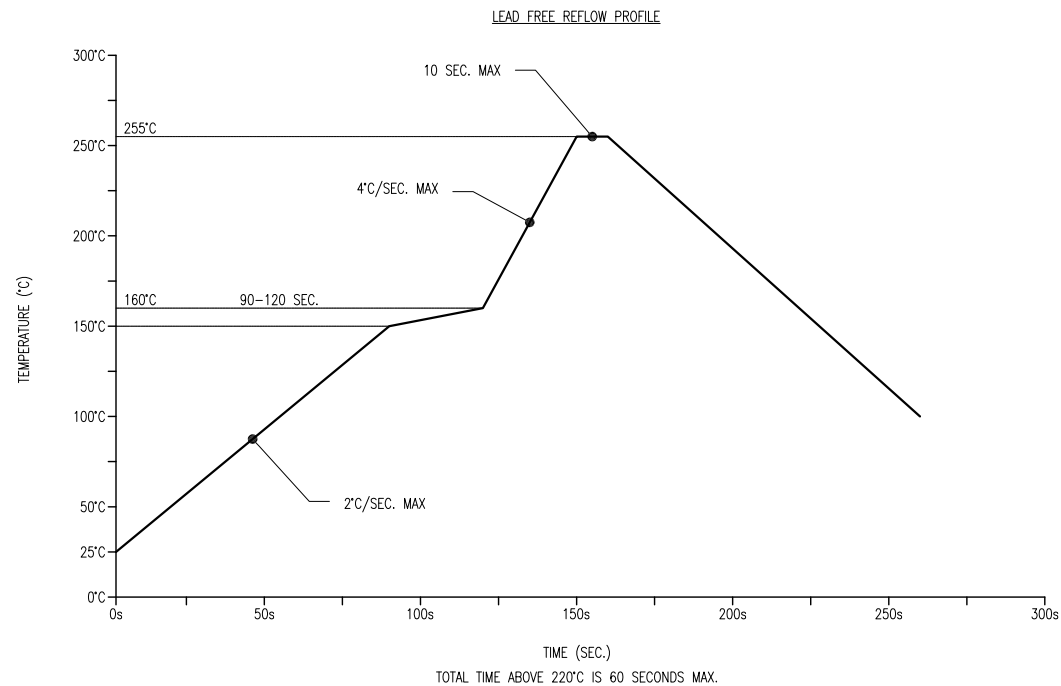
| LIMITS OF SAFE OPERATION AT 25°C |            |       |
|----------------------------------|------------|-------|
| PARAMETER                        | MAX        | UNITS |
| PEAK FORWARD CURRENT*            | 60         | mA    |
| STEADY CURRENT                   | 25         | mA    |
| POWER DISSIPATION                | 60         | mW    |
| DERATE FROM 25°C                 | -1.2       | mW/°C |
| OPERATING TEMP.                  | -40 TO +85 | °C    |
| STORAGE TEMP.                    | -40 TO +90 | °C    |

\* t<10µs

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

CAUTION: MOISTURE SENSITIVE DEVICE  
PER JEDEC LEVEL 2 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=  $\begin{matrix} +\text{DECIMAL PRECISION} \\ -0.00 \end{matrix}$  MAX.=  $\begin{matrix} +0.00 \\ -\text{DECIMAL PRECISION} \end{matrix}$

UNCONTROLLED DOCUMENT



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1.6x0.8x0.2mm ULTRA THIN SMT LED, ORANGE, WATER CLEAR LENS.

\*\*THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.\*\*

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| DATE:  | 12.04.12  | DRAWN BY: | MA   |
| PAGE:  | 2 OF 2    | CHKD BY:  | DT   |
| SCALE: | NTS       | APRVD BY: | DT   |
| UNIT:  | mm [INCH] |           | (Pb) |