

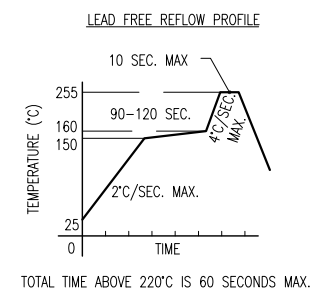
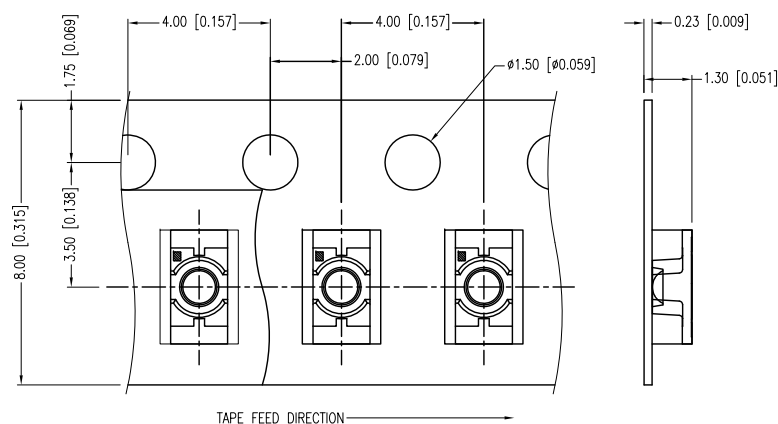
| ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA |             |     |     |          |           |
|-------------------------------------------------|-------------|-----|-----|----------|-----------|
| PARAMETER                                       | MIN         | TYP | MAX | UNITS    | TEST COND |
| PEAK WAVELENGTH                                 |             | 460 |     | nm       |           |
| FORWARD VOLTAGE                                 |             | 3.3 | 4.0 | Vf       |           |
| REVERSE VOLTAGE                                 | 5.0         |     |     | Vr       | Ir=100μA  |
| AXIAL INTENSITY                                 |             | 250 |     | mcd      | If=20mA   |
| VIEWING ANGLE                                   |             | 70  |     | 2x theta |           |
| EMITTED COLOR:                                  | BLUE        |     |     |          |           |
| LENS FINISH:                                    | WATER CLEAR |     |     |          |           |

| LIMITS OF SAFE OPERATION AT 25°C |            |       |
|----------------------------------|------------|-------|
| PARAMETER                        | MAX        | UNITS |
| PEAK FORWARD CURRENT*            | 150        | mA    |
| STEADY CURRENT                   | 30         | mA    |
| POWER DISSIPATION                | 120        | mW    |
| DERATE FROM 25°C                 | -1.2       | mW/°C |
| OPERATING TEMP.                  | -40 TO +85 | °C    |
| STORAGE TEMP.                    | -40 TO +85 | °C    |

\* t&lt;10μs

CAUTION: MOISTURE SENSITIVE DEVICE  
PER JEDEC LEVEL 3 STANDARDS

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



\*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 MAX.= +0.00 -DECIMAL PRECISION

UNCONTROLLED DOCUMENT



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1.6mm X 3.2mm, SMT LED WITH LENS, 460nm BLUE.

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

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| DATE:  | 08.16.13  | DRAWN BY: | MA |
| PAGE:  | 1 OF 1    | CHKD BY:  | KF |
| SCALE: | NTS       | APRVD BY: | KF |
| UNIT:  | mm [INCH] |           | Ⓟ  |