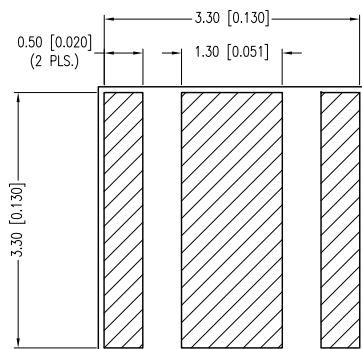
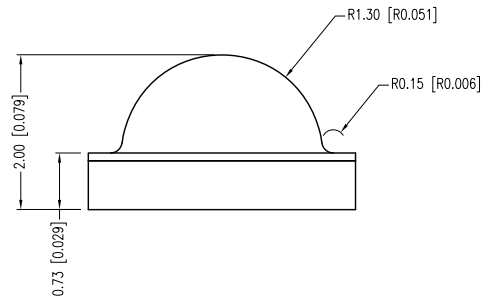
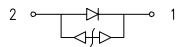
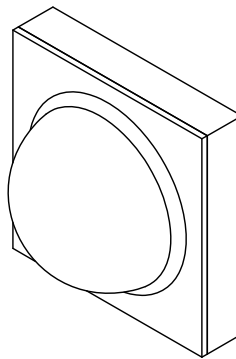
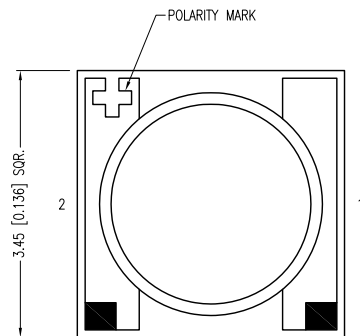
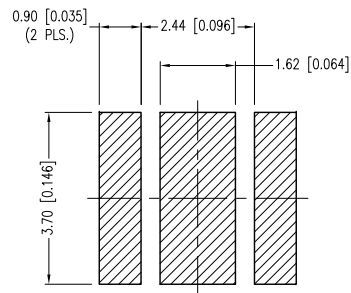




## RECOMMENDED SOLDER PAD LAYOUT



| ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=350mA |             |      |      |          |           |
|--------------------------------------------------|-------------|------|------|----------|-----------|
| PARAMETER                                        | MIN         | TYP  | MAX  | UNITS    | TEST COND |
| PEAK WAVELENGTH                                  |             | —    |      | nm       |           |
| FORWARD VOLTAGE                                  | 2.8         | 3.2  | 3.6  | Vf       | If=350mA  |
| REVERSE VOLTAGE                                  | 5.0         |      |      | Vr       | Ir=85μA   |
| AXIAL INTENSITY                                  | 80          | 90   | 100  | lm       | If=350mA  |
| COLOR TEMP.                                      | 5300        | 6000 | 7000 |          |           |
| VIEWING ANGLE                                    |             | 110  |      | 2x theta |           |
| EMITTED COLOR:                                   | COOL WHITE  |      |      |          |           |
| LENS FINISH:                                     | WATER CLEAR |      |      |          |           |

## LIMITS OF SAFE OPERATION AT 25°C

| PARAMETER             | MAX         | UNITS |
|-----------------------|-------------|-------|
| PEAK FORWARD CURRENT* | 700         | mA    |
| STEADY CURRENT        | 500         | mA    |
| LED JUNCTION TEMP.    | 120         | °C    |
| DERATE FROM 25°C      | -1.2        | mW/°C |
| OPERATING TEMP.       | -40 TO +100 | °C    |
| STORAGE TEMP.         | -40 TO +120 | °C    |

\* t&lt;10μs

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

CAUTION: MOISTURE SENSITIVE DEVICE  
PER JEDEC LEVEL 1 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.= +DECIMAL PRECISION MAX.= +0.00 -DECIMAL PRECISION

