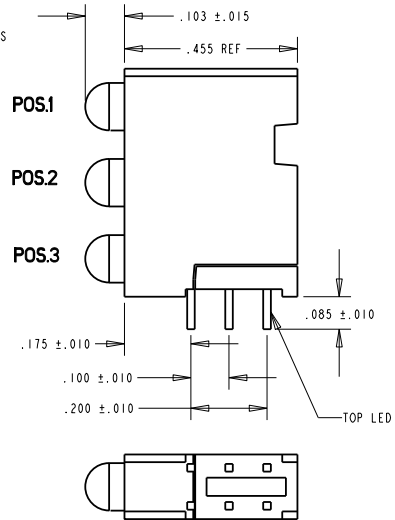
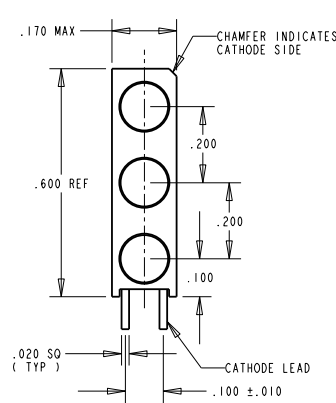
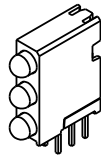


| PART NUMBER<br>and LEGEND | LED COLOR      |                |                |
|---------------------------|----------------|----------------|----------------|
|                           | POSITION 1     | POSITION 2     | POSITION 3     |
| 564-0100-815F             | GREEN DIFFUSED | GREEN DIFFUSED | GREEN DIFFUSED |

| REV | ECN NO | REVISIONS   | DRN | CKD | APP | DATE |
|-----|--------|-------------|-----|-----|-----|------|
| A   |        | NEW RELEASE | TWC |     |     |      |

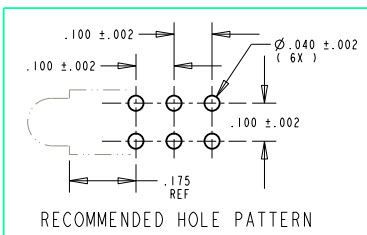


| LED COLOR = GREEN                         |     |      |     |               |                       |
|---|-----|------|-----|---------------|-----------------------|
| OPERATING CHARACTERISTICS AT 25°C AMBIENT |     |      |     |               |                       |
| CHARACTERISTICS                           | MIN | TYP  | MAX | UNITS         | TEST CONDITIONS       |
| LUMINOUS INTENSITY                        | 4.7 | 12.6 |     | mcd           | $I_f = 10 \text{ mA}$ |
| FORWARD VOLTAGE                           |     | 2.1  | 2.8 | V             | $I_f = 20 \text{ mA}$ |
| REVERSE CURRENT                           |     |      | 100 | $\mu\text{A}$ | $V_R = 5 \text{ V}$   |
| PEAK WAVELENGTH                           |     | 565  |     | nm            |                       |
| VIEWING ANGLE                             |     | 60   |     | Degree        |                       |

| ABSOLUTE MAXIMUM RATING AT 25°C AMBIENT                    |  | UNITS                      |            |
|--|--|----------------------------|------------|
| POWER DISSIPATION  |  | mW                         | 100        |
| DERATE LINEARLY FROM 50°C                                  |  | $\text{mA}/^\circ\text{C}$ | 0.4        |
| CONTINUOUS FORWARD CURRENT                                 |  | mA                         | 30         |
| PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 0.1 ms PULSE WIDTH) |  | mA                         | 120        |
| LEAD SOLDERING TEMPERATURE, 5 SEC., 1/16" FROM BODY        |  | $^\circ\text{C}$           | 260        |
| OPERATING TEMPERATURE                                      |  | $^\circ\text{C}$           | -55 TP 100 |
| STORAGE TEMPERATURE  |  | $^\circ\text{C}$           | -55 TO 100 |

**RoHS Compliant 564-0100-815F**

Part Numbers with the "F" suffix ending are RoHS Compliant. Packaging is marked with "RoHS Compliant" label or equivalent markings. Parts can be wave soldered, dip soldered or hand soldered using typical lead-free soldering process with max 260°C temp. for 5 sec.



**NOTES:**

- LEADS TO FIT INTO HOLES SPACED AS PER HOLE PATTERN
- LEADS TO BE FREE OF DEFORMATION AFTER BENDING AND CUTTING
- LED LEAD DIMENSIONS SHOWN ARE MEASURED AT HOUSING EXIT
- DIALIGHT PART NUMBER = 564-0100-815F

| THIS DRAWING AND THE CONTENTS HEREIN ARE CONFIDENTIAL AND THE SOLE PROPERTY OF DIALIGHT. REPRODUCTION OF THIS DRAWING OR CONSTRUCTION OF ANY PARTS WITHIN THIS DRAWING ARE FORBIDDEN WITHOUT THE WRITTEN CONSENT OF DIALIGHT. |  |          |
|---|--|----------|
| SCALE: DRAWING SCALE<br>ALL DIM'S IN: INCHES (MM)   | DRAWING NUMBER<br>C-17362                    | REV<br>A |
| TOLERANCES:<br>UNLESS OTHERWISE SPECIFIED<br>FRACTIONS (.XX): ±.01<br>DECIMALS (.XXX): ±.005<br>DECIMALS (.XXXX): ±.0005<br>ANGLES: ±1°   | TITLE<br>3X1 CBI BLOCK<br>RoHS COMPLIANT     | MATERIAL |
| FINISH:   | 1501 ROUTE 34 SOUTH<br>FARMINGDALE, NJ 07727 |          |
| FSCM 83330  | SHEET 1 OF 1 FAMILY TABLE:                   |          |