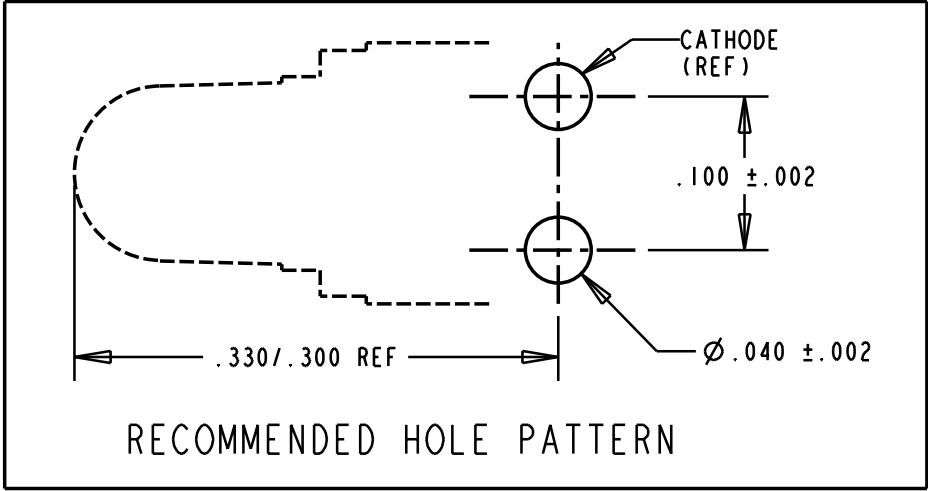
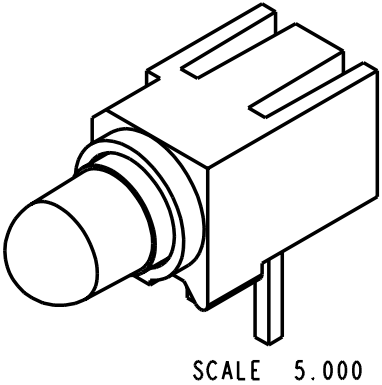
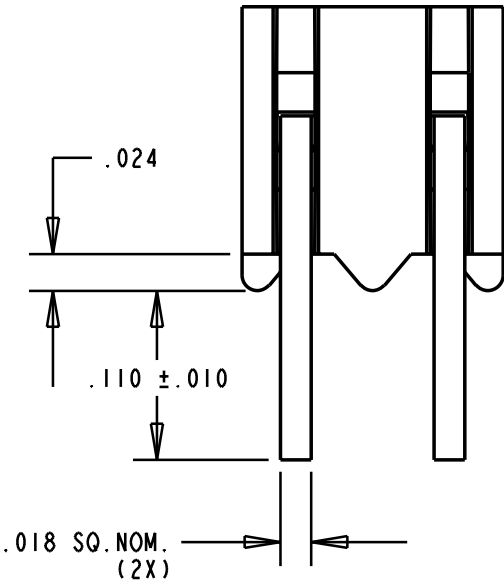
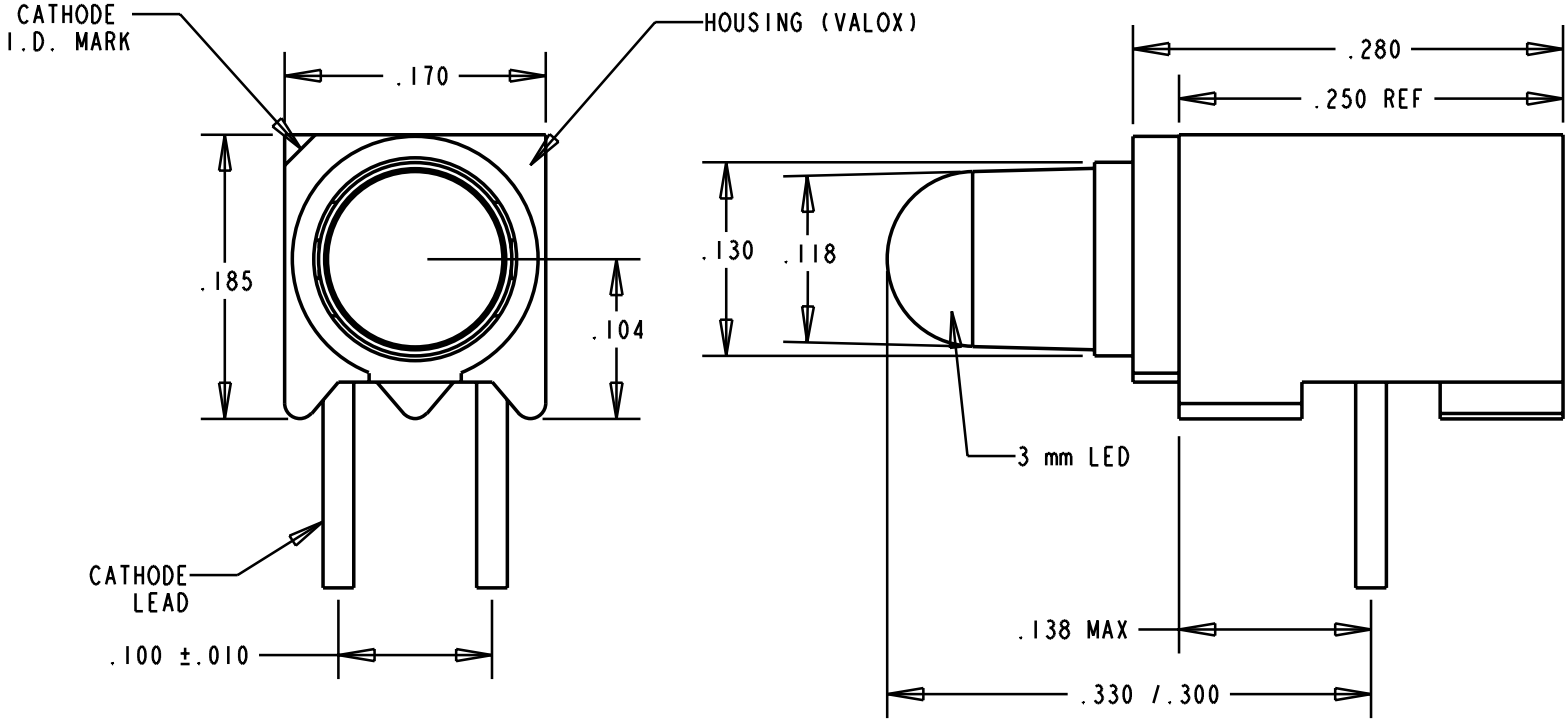


| LED COLOR= GREEN DIFFUSED                 |     |      |     |        |                        |
|-------------------------------------------|-----|------|-----|--------|------------------------|
| OPERATING CHARACTERISTICS AT 25°C AMBIENT |     |      |     |        |                        |
| CHARACTERISTICS                           | MIN | TYP  | MAX | UNITS  | TEST CONDITIONS        |
| LUMINOUS INTENSITY                        | 4.7 | 12.6 |     | mcd    | I <sub>F</sub> = 10 mA |
| FORWARD VOLTAGE                           |     | 2.1  | 2.8 | V      | I <sub>F</sub> = 20 mA |
| PEAK WAVELENGTH                           |     | 565  |     | nm     |                        |
| VIEWING ANGLE                             |     | 60   |     | Degree |                        |
| CAPACITANCE                               |     | 35   |     | pF     | V = 0, f = 1 MHz       |

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



- NOTES :
- 1- LEADS TO FIT INTO HOLES SPACED AS PER HOLE PATTERN
  - 2- LEADS SPACING MEASURED AT HOUSING EXIT.
  - 3- DIALIGHT PART NUMBER = 551-0001-897



|                                                                                                                                                                                                                               |                                             |     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------|-----|
| 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 8:1                                                                                                                                                                                                                     | DRAWING NUMBER                              | REV |
| ALL DIM'S IN: INCHES                                                                                                                                                                                                          | C-16605                                     | A   |
| TOLERANCES: UNLESS OTHERWISE SPECIFIED                                                                                                                                                                                        | TITLE GREEN DIFFUSED 3mm CBI                |     |
| FRACTIONS: ±1/64                                                                                                                                                                                                              | MATERIAL                                    |     |
| DECIMALS (.XX): ±.02                                                                                                                                                                                                          | Dialight                                    |     |
| DECIMALS (.XXX): ±.015                                                                                                                                                                                                        |                                             |     |
| DECIMALS (.XXXX): ±.005                                                                                                                                                                                                       | 1913 ATLANTIC AVE.<br>MANASQUAN, N.J. 08736 |     |
| ANGLES: ±3°                                                                                                                                                                                                                   | SHEET OF FAMILY TABLE:                      |     |
| FINISH:                                                                                                                                                                                                                       |                                             |     |
| FSCM 83330                                                                                                                                                                                                                    |                                             |     |