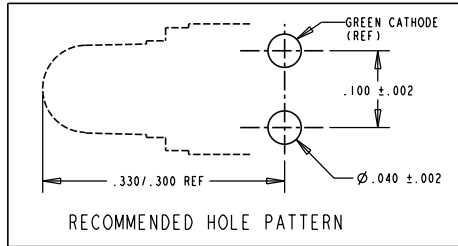


| LED COLOR- RED/YEL BI-COLOR | | | | | | |
|---|--------|-----|-----|-----|--------|------------------------------|
| OPERATING CHARACTERISTICS AT 25°C AMBIENT | | | | | | |
| CHARACTERISTICS | COLOR | MIN | TYP | MAX | UNITS | TEST CONDITIONS |
| LUMINOUS INTENSITY | GREEN | 2.5 | 6.3 | | mcd | $I_f = 10 \text{ mA}$ |
| | YELLOW | 2.5 | 4.3 | | | |
| FORWARD VOLTAGE | GREEN | | 2.1 | 2.8 | V | $I_f = 20 \text{ mA}$ |
| | YELLOW | | 2.1 | 2.8 | | |
| PEAK WAVELENGTH | GREEN | | 565 | | nm | |
| | YELLOW | | 585 | | | |
| VIEWING ANGLE | ALL | | 80 | | Degree | |
| CAPACITANCE | GREEN | | 35 | | pF | $V_f = 0, f = 1 \text{ MHz}$ |
| | YELLOW | | 15 | | | |

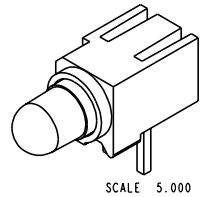
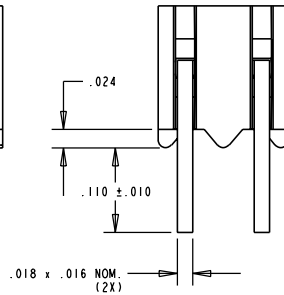
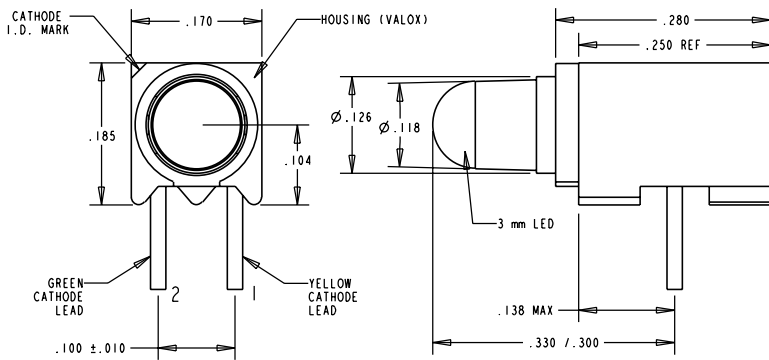
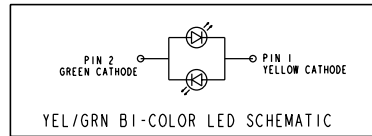


NOTES :

- 1- LEADS TO FIT INTO HOLES SPACED AS PER HOLE PATTERN
- 2- LEADS SPACING MEASURED AT HOUSING EXIT.
- 3- PIN NUMBERS FOR REFERENCE ONLY. DESIGNATION NON-EXISTENT ON PARTS.
- 4- DIALIGHT PART NUMBER = 551-0001-874

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

| ABSOLUTE MAXIMUM RATING AT 25°C AMBIENT | | | |
|--|-------|-------------|--------|
| | UNITS | GREEN | YELLOW |
| POWER DISSIPATION | mW | 100 | 60 |
| CONTINUOUS FORWARD CURRENT | mA | 30 | 20 |
| DERATE LINEARLY FROM 50°C | mA/°C | 0.4 | 0.25 |
| PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 0.1 ms PULSE WIDTH) | mA | 120 | 80 |
| LEAD SOLDERING TEMPERATURE, 5 SEC., 1/16" FROM BODY | °C | 260 | |
| OPERATING TEMPERATURE | °C | -55 TO +100 | |
| STORAGE TEMPERATURE | °C | -55 TO +100 | |



| | | |
|---|--|---------------|
| 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-16702 | A |
| TOLERANCES: UNLESS OTHERWISE SPECIFIED | TITLE: YEL/GRN BI-COLOR 3mm CBI | |
| FRACTIONS: ±1/64 | MATERIAL | |
| DECIMALS (.XX): ±.02 | Dialight | |
| DECIMALS (.XXX): ±.015 | 1913 ATLANTIC AVE. MANASQUAN, N. J. 08736 | |
| ANGLES: ±3° | FSCM 83330 | |
| FINISH: | SHEET OF | FAMILY TABLE: |