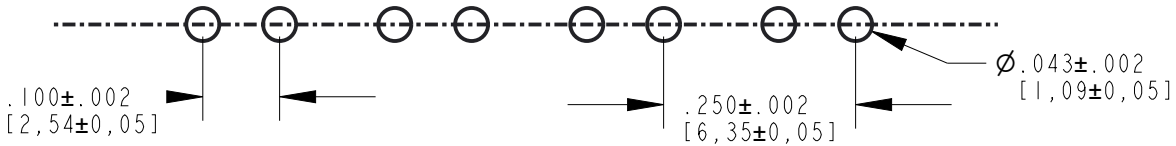
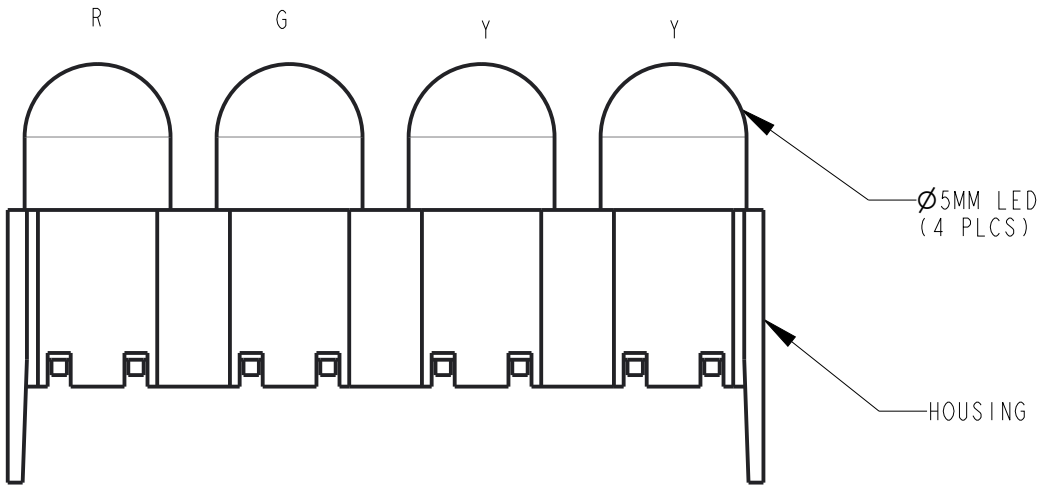
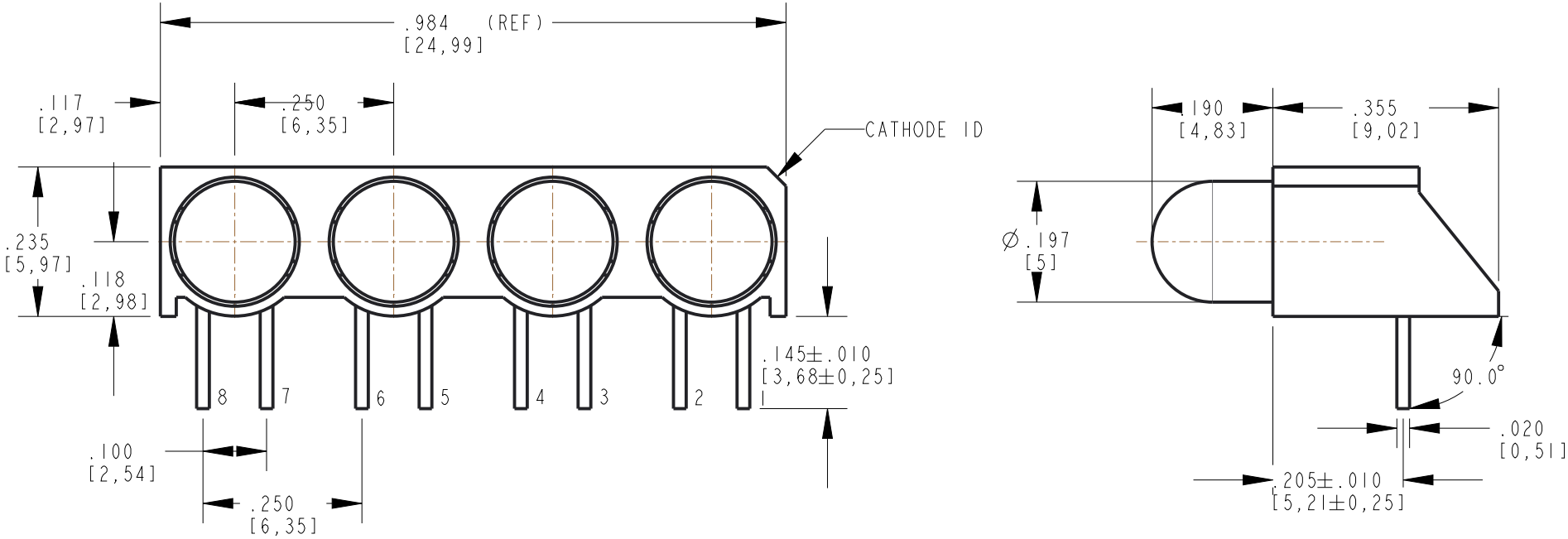


| REV | ECN NO | REVISIONS | DRN | CKD | APP | QA | CM | DATE |
|-----|--------|-------------|-----|-----|-----|----|----|---------|
| A | I32823 | NEW RELEASE | LD | CS | | | | 7-29-25 |



RECOMMENDED HOLE PATTERN GAUGE



NOTES:

- LEADS TO FIT INTO HOLES SPACED AS PER HOLE PATTERN
- PIN NUMBERS ARE FOR REFERENCE ONLY. DESIGNATOR NON-EXISTENT ON PART.
- LED LEAD DIMENSIONS SHOWN ARE MEASURED AT HOUSING EXIT
- DIALIGHT PART NUMBER : 553-0004-806F

| LED OPERATING CHARACTERISTICS AT 25°C AMBIENT | | | | | | |
|---|--------|------|------|------|--------|------------------------|
| LED CHARACTERISTICS | COLOR | MIN. | TYP. | MAX. | UNITS | TEST CONDITIONS |
| LUMINOUS INTENSITY | RED | 19 | 35 | 90 | mcd | I _F = 10 mA |
| | GREEN | 19 | 35 | 90 | | |
| | YELLOW | 19 | 40 | 100 | | |
| DOMINANT WAVELENGTH | RED | | 623 | | nm | I _F = 10 mA |
| | GREEN | | 571 | | | |
| | YELLOW | | 590 | | | |
| PEAK WAVELENGTH | RED | | 635 | | | I _F = 10 mA |
| | GREEN | | 569 | | | |
| | YELLOW | | 585 | | | |
| FORWARD VOLTAGE | RED | | 2.0 | 2.6 | V | I _F = 20 mA |
| | GREEN | | 2.1 | 2.6 | | |
| | YELLOW | | 2.1 | 2.6 | | |
| REVERSE CURRENT | ALL | | | 100 | μA | V _R = 5 V |
| VIEWING ANGLE | ALL | | 50 | | DEGREE | |

| LED MAXIMUM RATINGS AT 25°C AMBIENT | | | | |
|--|-------------------|-------|--------|-------|
| | RED | GREEN | YELLOW | UNITS |
| PEAK FORWARD CURRENT (Duty Cycle ≤ 1/10, Pulse Width ≤ 10 μs) | 90 | 60 | 60 | mcd |
| POWER DISSIPATION | 81 | 52 | 52 | mW |
| DC FORWARD CURRENT | 30 | 20 | 20 | mA |
| REVERSE VOLATGE | 5 | 5 | 5 | V |
| OPERATING TEMPERATURE | -40 TO +85 | | | °C |
| STORAGE TEMPERATURE | -40 TO +100 | | | °C |
| LEAD SOLDERING TEMPERATURE | 260 FOR 5 SEC MAX | | | °C |



ATTENTION:
OBSERVE PRECAUTIONS FOR
HANDLING ELECTROSTATIC
SENSITIVE DEVICES

| | | | |
|---|-------------------------|---------------|-----|
| THIS DRAWING AND THE CONTENTS HEREIN ARE CONFIDENTIAL AND THE SOLE PROPERTY OF DIALIGHT CORP. REPRODUCTION OF THIS DRAWING OR CONSTRUCTION OF ANY PARTS WITHIN THIS DRAWING ARE FORBIDDEN WITHOUT THE WRITTEN CONSENT OF DIALIGHT CORP. | | | |
| DIALIGHT CORP. INTERNAL REFERENCE ONLY = 3D MODEL : 550XX07004F-A.2 | | | |
| SCALE: 4.000 | DRAWING NUMBER | | REV |
| ALL DIM's: INCH (mm) | C-18812 | | A |
| TOLERANCES: UNLESS OTHERWISE SPECIFIED FRACTIONS: ±1/64 DECIMALS (.XX): ±.01 DECIMALS (.XXX): ±.005 DECIMALS (.XXXX): ±.0005 ANGLES: ±1° | TITLE | | |
| | 4 LED ARRAY CBI R,G,Y,Y | | |
| | MATERIAL | | |
| | | | |
| FINISH | | | |
| | | | |
| FSCM 83330 | | | |
| SHEET 1 OF 1 | | FAMILY TABLE: | |