

| DIALIGHT PART NUMBER | LED & LENS COLOR | TEST CONDITIONS | OPERATING CHARACTERISTICS AT 25°C AMBIENT | | | | | | | | |
|----------------------|-----------------------|-----------------------|---|-----|---------------------|-----|----------------------|-----|--------------------------|----------------------|---------------------|
| | | | LUMINOUS INTENSITY (mcd) | | FORWARD VOLTAGE (V) | | FORWARD CURRENT (mA) | | DOMINANT WAVELENGTH (nm) | PEAK WAVELENGTH (nm) | VIEWING ANGLE (DEG) |
| | | | MIN | TYP | TYP | MAX | MIN | MAX | TYP | TYP | TYP |
| 555-2007-810F | RED, TINTED, DIFFUSED | I _F = 10mA | 0.4 | 0.6 | 2.2 | 4.3 | — | — | 640 | 655 | 35 |

| REV | ECN NO | REVISIONS | DRN | CKD | APP | DATE |
|-----|--------|-------------|-----|-----|-----|--------|
| A | — | NEW RELEASE | BP | — | SK | 1-3-17 |

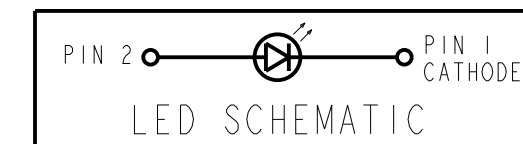
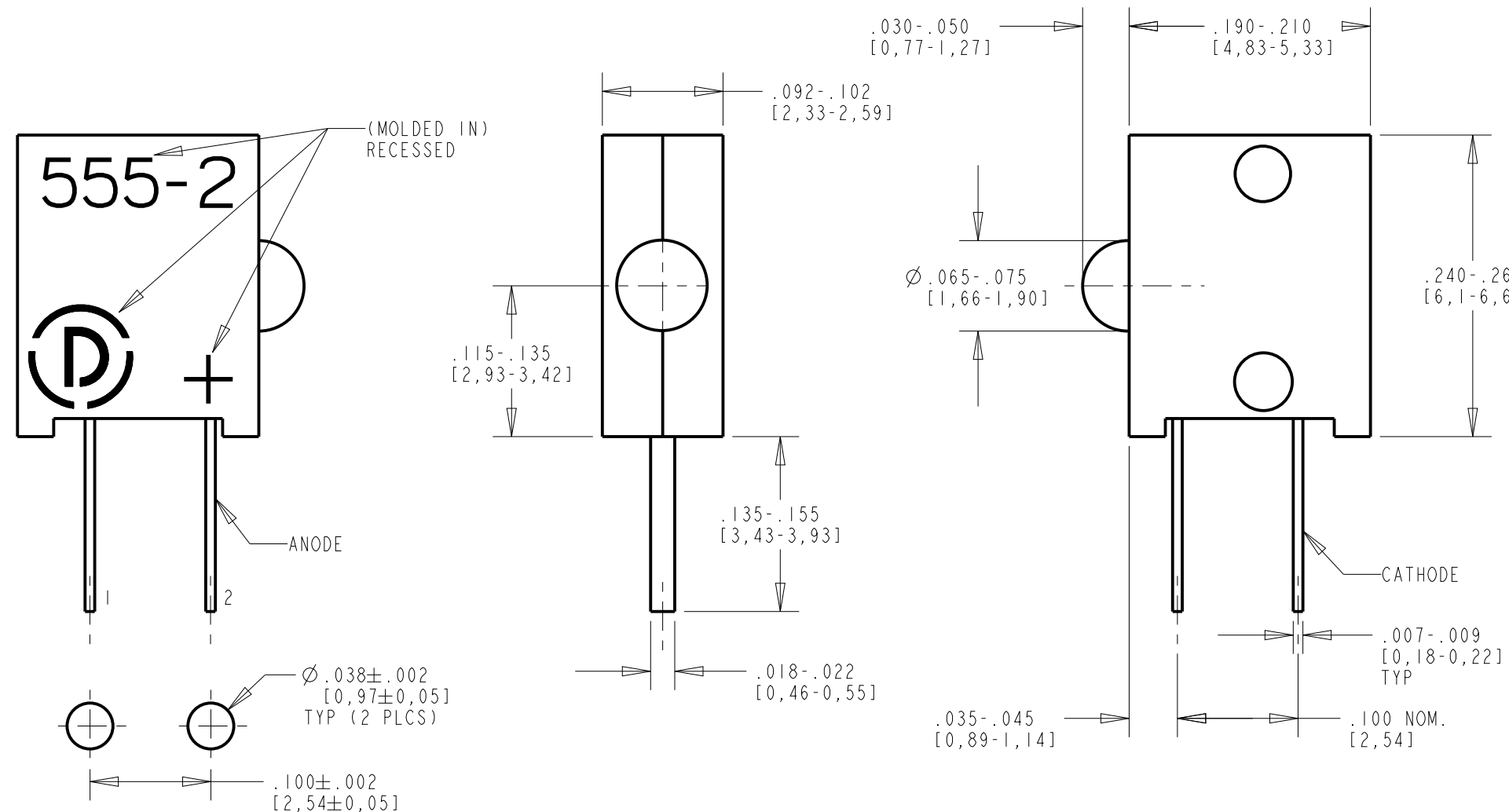
| ABSOLUTE MAXIMUM RATINGS (AT 25°C AMBIENT) | RED, TINTED DIFFUSED | UNITS |
|--|----------------------|-------|
| DC FORWARD VOLTAGE | — | V |
| DC FORWARD CURRENT | 50 | mA |
| REVERSE VOLTAGE (I _R =100μA) | 5 | V |
| OPERATING TEMP (NON-RESISTOR LAMPS) | -55 TO +100 | °C |
| OPERATING TEMP (RESISTOR LAMPS) | -40 TO +85 | |
| STORAGE TEMPERATURE | -55 to +100 | °C |
| SOLDERING TEMPERATURE FOR 5 SEC | 260 | °C |

RoHS Compliant 555-2007-810F

Part Numbers with the "F" suffix ending are RoHS Compliant.
 Example: 555-2303F
 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:

- PIN NUMBERS FOR REFERENCE ONLY, DESIGNATION NON-EXISTENT ON PART.
- DIALIGHT PART NUMBERS: 555-2007-810F.
- THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE SENSITIVE DEVICES (ESDS). MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY, HANDLING, AND STORAGE IN ACCORDANCE WITH IPC-A-610.
- LED LEAD DIMENSIONS SHOWN ARE MEASURED AT HOUSING EXIT.
- LEADS TO FIT INTO HOLES SPACED AS PER PATTERN.
- LED LEADS - PURE Sn PLATING OVER OLIN 194 COPPER ALLOY BASE METAL



ATTENTION:
 OBSERVE PRECAUTIONS FOR
 HANDLING ELECTROSTATIC
 SENSITIVE DEVICES

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.

| | | |
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| SCALE: 8.000 ALL DIM'S IN: INCHES (MM) | DRAWING NUMBER C-18241 | REV A |
| TOLERANCES: UNLESS OTHERWISE SPECIFIED | TITLE Ø2mm SINGLE CBI, RIGHT ANGLE ESDBAG, RoHS COMPLIANT | |
| FRACTIONS: ±1/64 DECIMALS (.XX): ±.02 DECIMALS (.XXX): ±.015 | MATERIAL | |
| ANGLES: ±3° FINISH: | 1501 ROUTE 34 SOUTH FARMINGDALE, NJ 07729 | |
| FSCM 83330 | SHEET 1 OF 1 | FAMILY TABLE: |

RECOMMENDED HOLE PATTERN

ACTUAL SIZE