

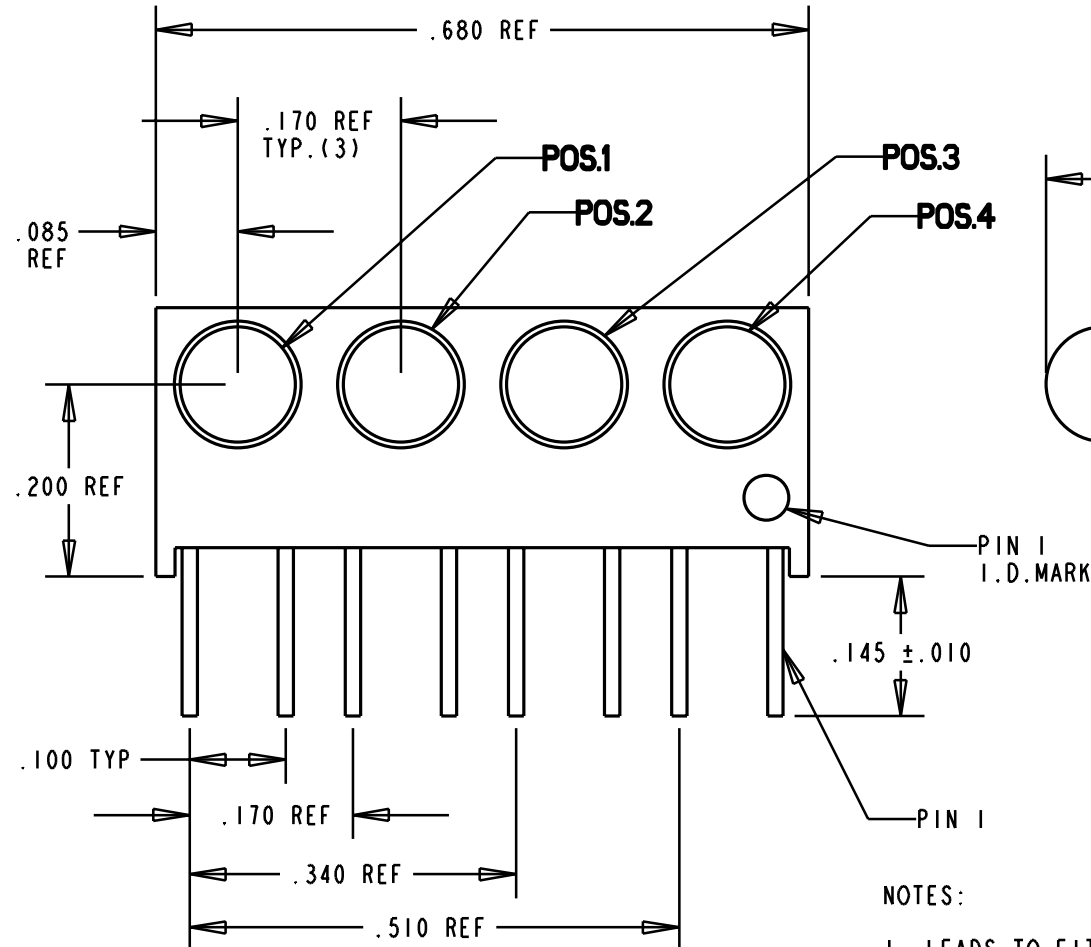
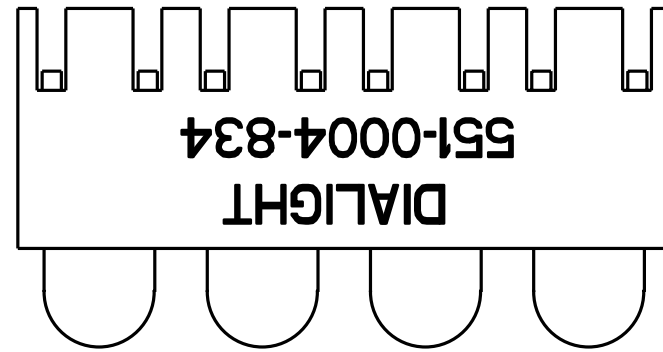
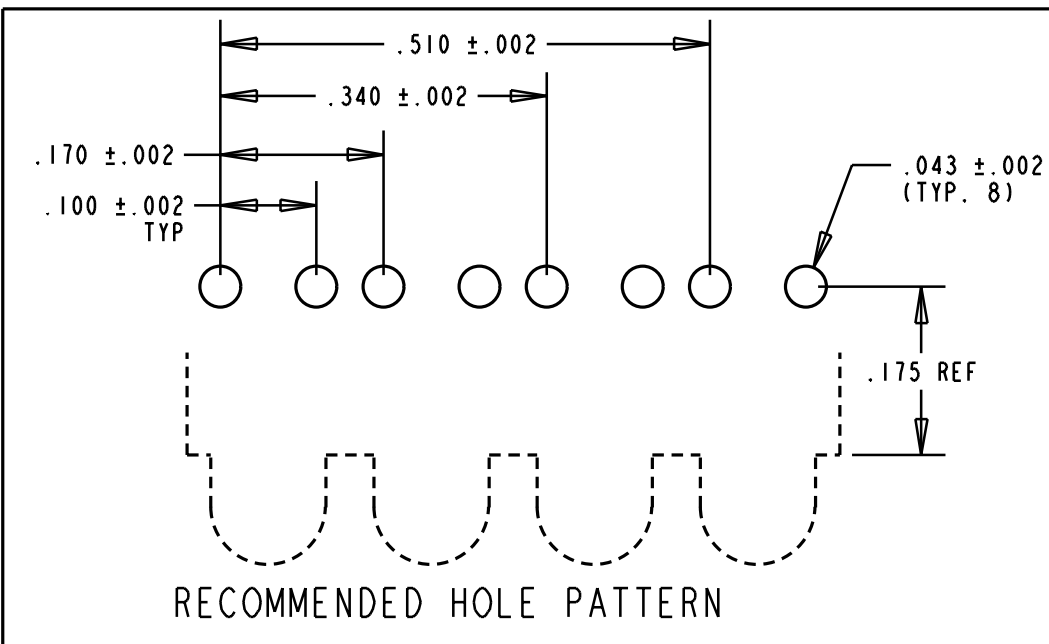
| | | | |
|--------|--------|--------|--------|
| POS. 1 | POS. 2 | POS. 3 | POS. 4 |
| GREEN | GREEN | GREEN | RED |

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

OPERATING CHARACTERISTICS AT 25°C AMBIENT

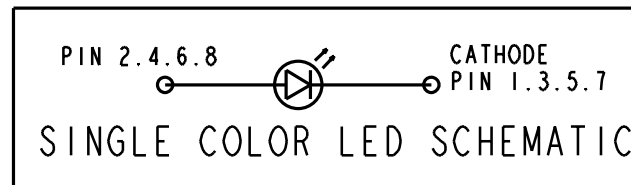
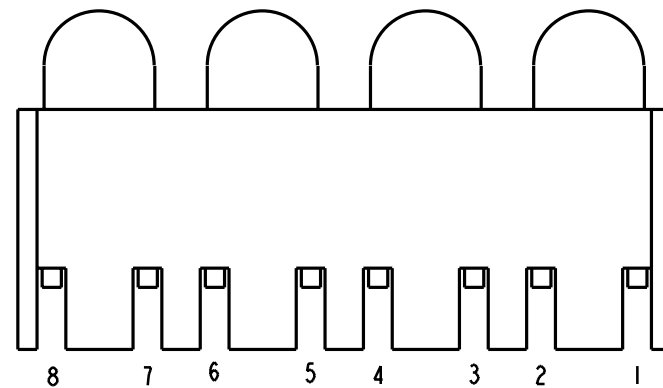
| CHARACTERISTICS | | MIN | TYP | MAX | UNITS | TEST CONDITIONS |
|--------------------|-------|-----|------|-----|---------------|------------------------------|
| LUMINOUS INTENSITY | GREEN | 5.6 | 16.0 | | mcd | $I_f = 10 \text{ mA}$ |
| | RED | 3.6 | 10.0 | | | |
| FORWARD VOLTAGE | GREEN | | 2.1 | 3.0 | V | $I_f = 10 \text{ mA}$ |
| | RED | | 2.0 | 3.0 | | |
| REVERSE CURRENT | GREEN | | | 10 | μA | $V_R = 3 \text{ V}$ |
| | RED | | | | | |
| PEAK WAVELENGTH | GREEN | | 563 | | nm | |
| | RED | | 650 | | | |
| VIEWING ANGLE | ALL | 45 | | | Degree | |
| CAPACITANCE | GREEN | | 16 | | pf | $V_f = 0, f = 1 \text{ MHz}$ |
| | RED | | 9.2 | | | |

| ABSOLUTE MAXIMUM RATING AT 25°C AMBIENT | UNITS | GREEN | RED |
|---|-------|------------|-----|
| POWER DISSIPATION | mW | 75 | 60 |
| DERATE LINEARLY FROM 50°C | mA/°C | 0.5 | 0.5 |
| CONTINUOUS FORWARD CURRENT | mA | 25 | 20 |
| PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 0.1 ms PULSE WIDTH) | mA | 60 | 60 |
| LEAD SOLDERING TEMPERATURE (5 SEC., 1/16" FROM BODY) | °C | 260 | |
| OPERATING TEMPERATURE | °C | -25 TO 85 | |
| STORAGE TEMPERATURE | °C | -30 TO 100 | |



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 = 551-0004-834



| | | |
|---|-----------------------|-----|
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| SCALE 5:1 | DRAWING NUMBER | REV |
| ALL DIM'S IN: INCHES | C-16764 | A |
| TOLERANCES: UNLESS OTHERWISE SPECIFIED | TITLE | |
| FRACTIONS: ±1/64 | 1x4 CBI BLOCK | |
| DECIMALS (.XX): ±.020 | MATERIAL | |
| DECIMALS (.XXX): ±.015 | Dialight | |
| DECIMALS (.XXXX): ±.010 | 1913 ATLANTIC AVE. | |
| ANGLES: ±3° | MANASQUAN, N.J. 08736 | |
| FINISH: | SHEET | OF |
| FSCM 83330 | FAMILY TABLE: | |

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