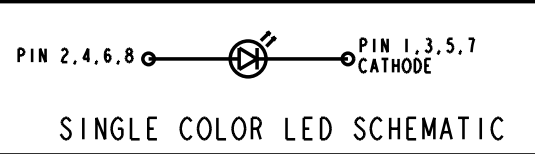
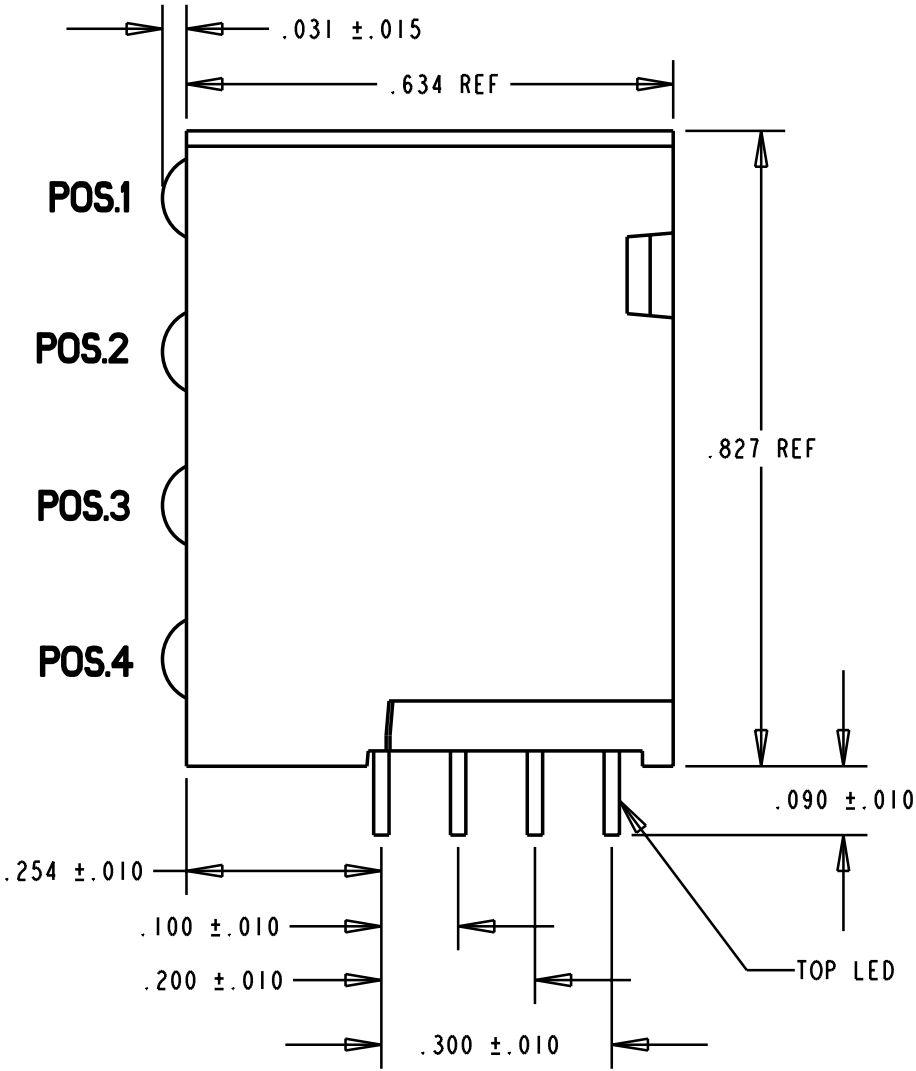
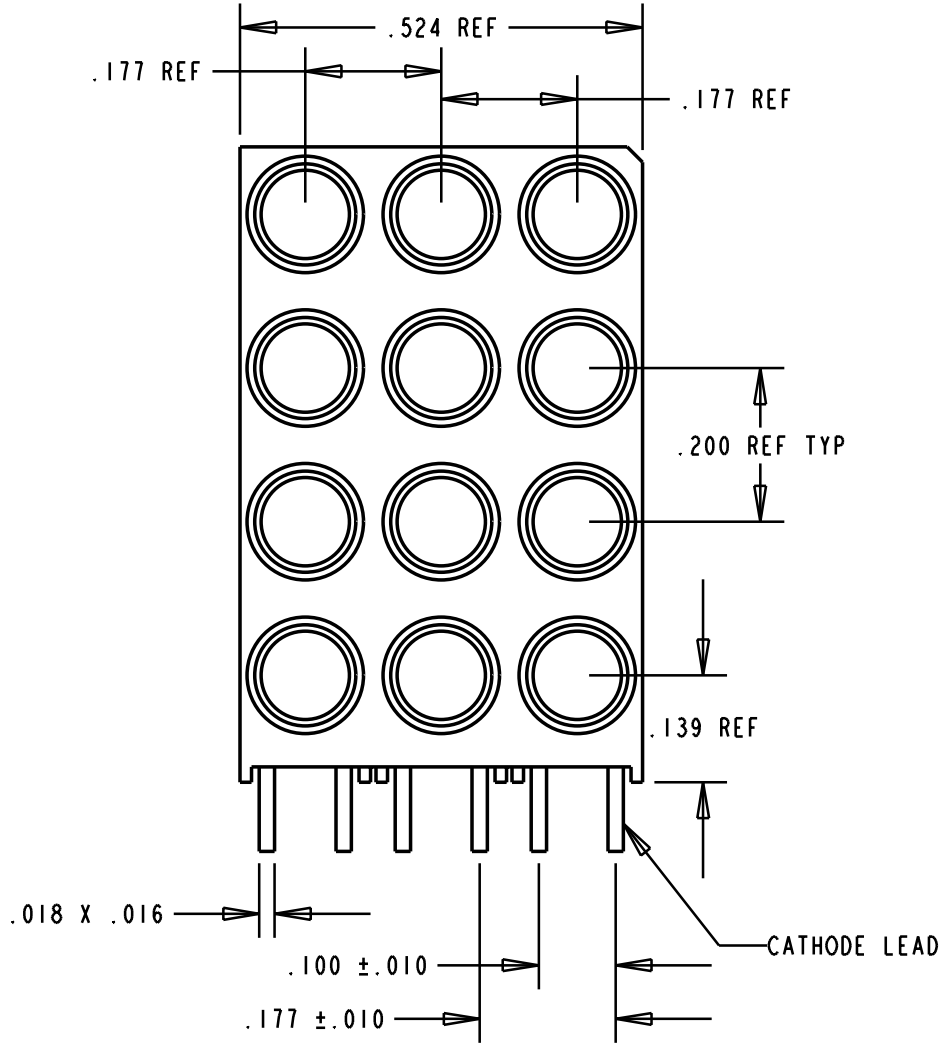


| PART NUMBER   | POSITION 1      | POSITION 2      | POSITION 3      | POSITION 4      |
|---------------|-----------------|-----------------|-----------------|-----------------|
| 568-0141-1113 | RED DIFFUSED    | RED DIFFUSED    | RED DIFFUSED    | RED DIFFUSED    |
| 568-0142-2223 | GREEN DIFFUSED  | GREEN DIFFUSED  | GREEN DIFFUSED  | GREEN DIFFUSED  |
| 568-0143-3333 | YELLOW DIFFUSED | YELLOW DIFFUSED | YELLOW DIFFUSED | YELLOW DIFFUSED |

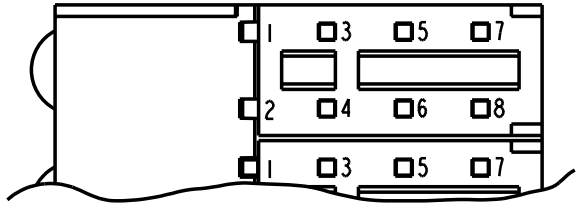
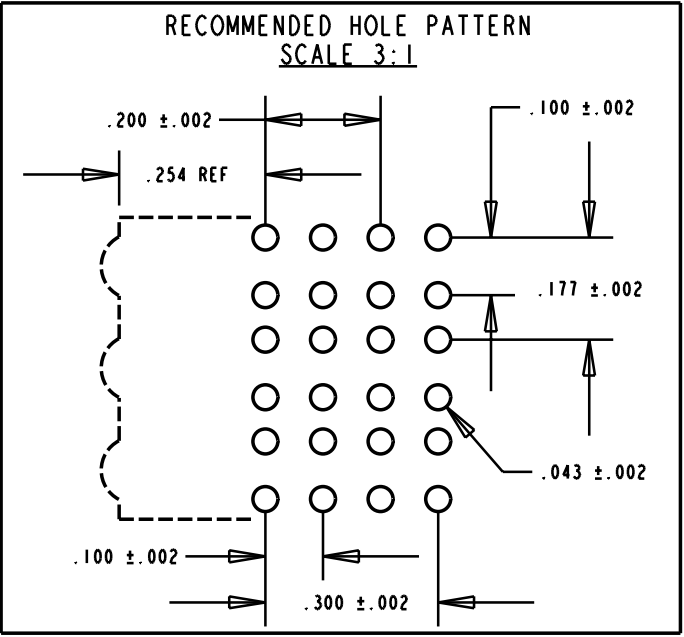


| REV. | ECN NO. | REVISIONS   | DRN. | CKD. | APP. | DATE |
|------|---------|-------------|------|------|------|------|
| A    |         | NEW RELEASE | TC   |      |      |      |



- NOTES:
- 1- LEADS TO FIT INTO HOLES SPACED AS PER HOLE PATTERN
  - 2- LEADS TO BE FREE OF DEFORMATION AFTER BENDING AND CUTTING
  - 3- PIN NUMBERS FOR REFERENCE ONLY, DESIGNATION NON-EXISTENT ON PART
  - 4- LED LEAD DIMENSIONS SHOWN ARE MEASURED AT HOUSING EXIT
  - 5- PACKAGING =  
BLOCKS ARE PLACED IN CLEAR ANTISTATIC TRAY  
105 BLOCKS PER TRAY
  - 6- DIALIGHT PART NUMBER: 568-014X-XXX3

| OPERATING CHARACTERISTICS AT 25°C AMBIENT |           |     |      |     |        |                   |
|-------------------------------------------|-----------|-----|------|-----|--------|-------------------|
| CHARACTERISTICS                           | LED COLOR | MIN | TYP  | MAX | UNITS  | TEST CONDITIONS   |
| LUMINOUS INTENSITY                        | RED       | 7.4 | 10.0 |     | mcd    | I f = 10 mA       |
|                                           | GREEN     | 4.7 | 12.6 |     |        |                   |
|                                           | YELLOW    | 7.4 | 10.0 |     |        |                   |
| FORWARD VOLTAGE                           | RED       |     | 2.0  | 2.8 | V      | I f = 20 mA       |
|                                           | GREEN     |     | 2.1  | 2.8 |        |                   |
|                                           | YELLOW    |     | 2.1  | 2.8 |        |                   |
| REVERSE CURRENT                           | ALL       |     | 100  |     | µA     | V R = 5 V         |
| PEAK WAVELENGTH                           | RED       |     | 635  |     | nm     |                   |
|                                           | GREEN     |     | 565  |     |        |                   |
|                                           | YELLOW    |     | 585  |     |        |                   |
| VIEWING ANGLE                             | ALL       | 60  |      |     | Degree |                   |
| CAPACITANCE                               | RED       |     | 20   |     | pF     | V f = 0, f = 1MHz |
|                                           | GREEN     |     | 35   |     |        |                   |
|                                           | YELLOW    |     | 15   |     |        |                   |



| ABSOLUTE MAXIMUM RATING AT 25°C AMBIENT                    |       |             |             |             |
|------------------------------------------------------------|-------|-------------|-------------|-------------|
|                                                            | UNITS | RED         | GREEN       | YELLOW      |
| POWER DISSIPATION                                          | mW    | 100         | 100         | 60          |
| DERATE LINEARLY FROM 50°C                                  | mA/°C | 0.4         | 0.4         | 0.25        |
| CONTINUOUS FORWARD CURRENT                                 | mA    | 30          | 30          | 20          |
| PEAK FORWARD CURRENT (1/10 DUTY CYCLE, 0.1 ms PULSE WIDTH) | mA    | 120         | 120         | 80          |
| LEAD SOLDERING TEMPERATURE, 5 SEC., 1/16" FROM BODY        | °C    | 260         | 260         | 260         |
| OPERATING TEMPERATURE                                      | °C    | -55 TO +100 | -55 TO +100 | -55 TO +100 |
| STORAGE TEMPERATURE                                        | °C    | -55 TO +100 | -55 TO +100 | -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 4:1<br>ALL DIM'S IN: INCHES                                                                                                                                                                                             | DRAWING NUMBER<br>C-16594    | REV<br>A                                    |
| TOLERANCES:<br>UNLESS OTHERWISE SPECIFIED<br>FRACTIONS: ±1/64<br>DECIMALS (.XX): ±.020<br>DECIMALS (.XXX): ±.015<br>DECIMALS (.XXXX):<br>ANGLES: ±3°                                                                          | TITLE<br>4X3 CBI ARRAY BLOCK |                                             |
| FINISH:                                                                                                                                                                                                                       | MATERIAL                     |                                             |
| FSCM 83330                                                                                                                                                                                                                    | Dialight                     | 1913 ATLANTIC AVE.<br>MANASQUAN, N.J. 08736 |
|                                                                                                                                                                                                                               | SHEET OF                     | FAMILY TABLE:                               |