

| PART NUMBER   | POSITION 1 | POSITION 2  | POSITION 3  |
|---------------|------------|-------------|-------------|
| 564-0240-102F | RED        | ** BLANK ** | GREEN       |
| 564-0240-111F | RED        | RED         | RED         |
| 564-0240-132F | RED        | YELLOW      | GREEN       |
| 564-0240-210F | GREEN      | RED         | ** BLANK ** |
| 564-0240-211F | GREEN      | RED         | RED         |
| 564-0240-213F | GREEN      | RED         | YELLOW      |
| 564-0240-220F | GREEN      | GREEN       | ** BLANK ** |
| 564-0240-222F | GREEN      | GREEN       | GREEN       |
| 564-0240-230F | GREEN      | YELLOW      | ** BLANK ** |
| 564-0240-233F | GREEN      | YELLOW      | YELLOW      |
| 564-0240-303F | YELLOW     | ** BLANK ** | YELLOW      |
| 564-0240-310F | YELLOW     | RED         | ** BLANK ** |
| 564-0240-322F | YELLOW     | GREEN       | GREEN       |
| 564-0240-330F | YELLOW     | YELLOW      | ** BLANK ** |
| 564-0240-332F | YELLOW     | YELLOW      | GREEN       |

| OPERATING CHARACTERISTICS AT 25°C AMBIENT |        |     |     |     |        |                       |
|-------------------------------------------|--------|-----|-----|-----|--------|-----------------------|
| CHARACTERISTICS                           | COLOR  | MIN | TYP | MAX | UNITS  | TEST CONDITIONS       |
| LUMINOUS INTENSITY                        | RED    | 1.0 | 1.6 |     | mcd    | I <sub>F</sub> = 2 mA |
|                                           | GREEN  | 1.0 | 1.6 |     |        |                       |
|                                           | YELLOW | 1.0 | 1.6 |     |        |                       |
| FORWARD VOLTAGE                           | RED    |     | 1.7 | 2.2 | V      | I <sub>F</sub> = 2 mA |
|                                           | GREEN  |     | 1.9 | 2.2 |        |                       |
|                                           | YELLOW |     | 1.8 | 2.7 |        |                       |
| REVERSE CURRENT                           | R-G-Y  |     |     | 10  | μA     | V <sub>R</sub> = 5 V  |
| PEAK WAVELENGTH                           | RED    |     | 635 |     | nm     |                       |
|                                           | GREEN  |     | 565 |     |        |                       |
|                                           | YELLOW |     | 585 |     |        |                       |
| VIEWING ANGLE                             | R-G-Y  | 60  |     |     | Degree |                       |

| REV | ECN NO | REVISIONS                               | DRN | CKD | APP | DATE    |
|-----|--------|-----------------------------------------|-----|-----|-----|---------|
| A   | —      | NEW RELEASE                             | TWC | NO  | TC  |         |
| B   | —      | ADDED P/N's 564-0240-211F, -213F, -322F | AJF | KLJ | NO  | 7-21-09 |

NOTES:

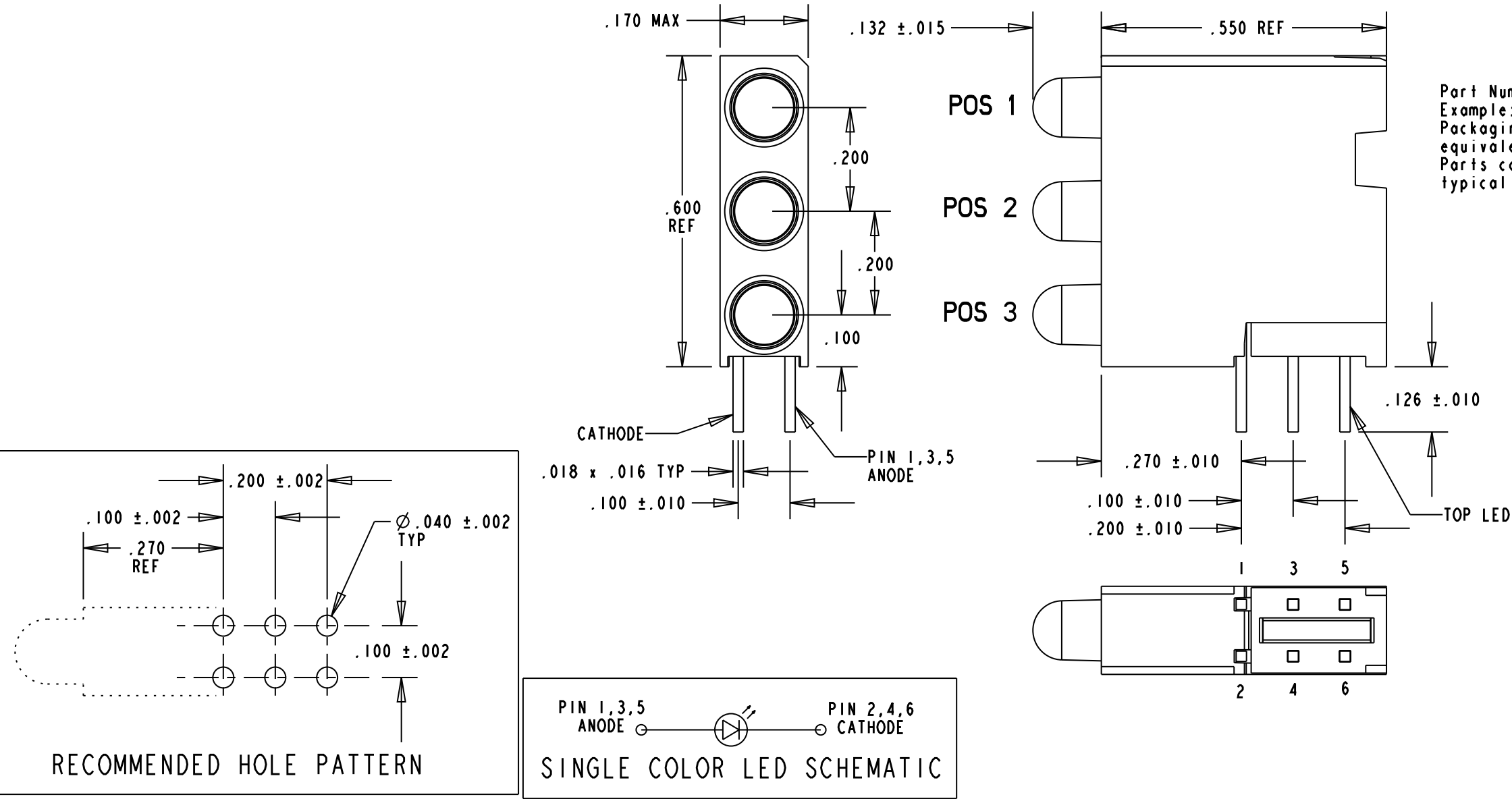
- 1- LEADS TO FIT INTO HOLES SPACED AS PER HOLE PATTERN
- 2- LEADS TO BE FREE OF DEFORMATION AFTER BENDING AND CUTTING
- 3- LED LEAD DIMENSIONS SHOWN ARE MEASURED AT HOUSING EXIT
- 4- PACKAGING =  
BLOCKS TO BE PLACED IN CLEAR ANTISTATIC BAGS
- 5- DIALIGHT PART NUMBER = 564-0240-XXXX
- 6- THIS ASSEMBLY CONTAINS ELECTROSTATIC DISCHARGE SENSITIVE DEVICES (ESDS). MAINTAIN ALL PRECAUTIONARY MEASURES DURING ASSEMBLY, HANDLING AND STORAGE IN ACCORDANCE WITH IPC-A-610.



ATTENTION:  
OBSERVE PRECAUTIONS FOR  
HANDLING ELECTROSTATIC  
SENSITIVE DEVICES

RoHS Compliant 564-0240-XXXX

Part Numbers with the "F" suffix ending are RoHS Compliant.  
Example: 564-0240-102F  
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.



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|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|----------|
| SCALE: 4.000<br>ALL DIM'S IN: INCHES (MM)                                                                                                                                                                                     | DRAWING NUMBER<br>C-17365                                | REV<br>B |
| TOLERANCES:<br>UNLESS OTHERWISE SPECIFIED<br>FRACTIONS: ±1/64<br>DECIMALS (.XX): ±.01<br>DECIMALS (.XXX): ±.005<br>DECIMALS (.XXXX): ±.0005<br>ANGLES: ±1°                                                                    | TITLE 3mm CBI BLOCK - LOW CURRENT<br>RoHS COMPLIANT      |          |
| FINISH:                                                                                                                                                                                                                       | MATERIAL                                                 |          |
| FSCM 83330                                                                                                                                                                                                                    | Dialight<br>1501 ROUTE 34 SOUTH<br>FARMINGDALE, NJ 07727 |          |
| SHEET 1 OF 1                                                                                                                                                                                                                  | FAMILY TABLE:                                            |          |