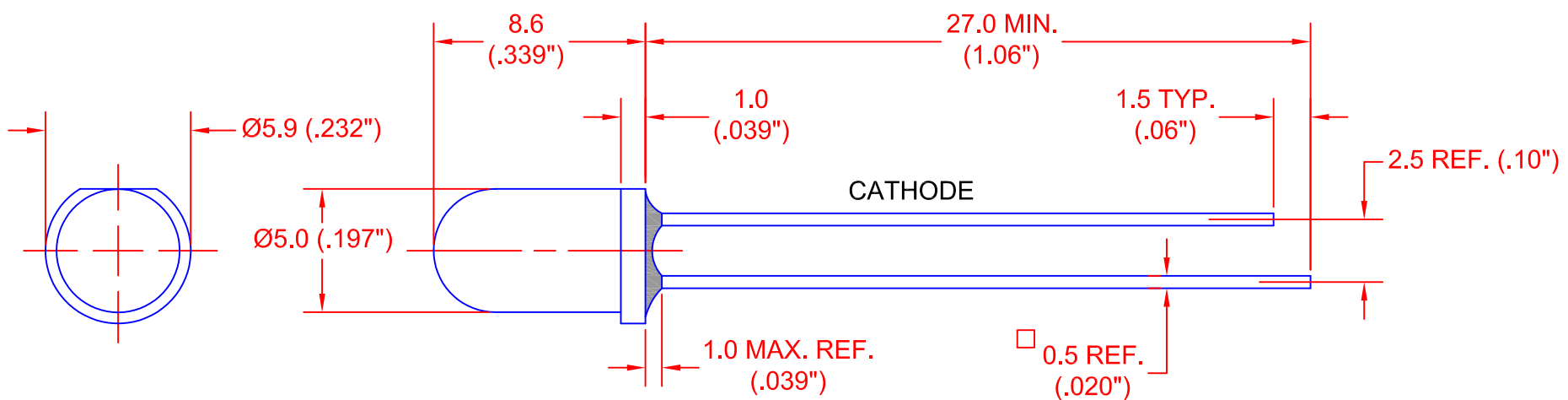
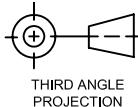


| REV. | DESCRIPTION/ECO NO. | DATE    |
|------|---------------------|---------|
|      | RELEASED TO CAD     | 3/10/10 |
|      |                     |         |
|      |                     |         |
|      |                     |         |



| JKL PART NUMBER | LED SOURCE (DICE)             | LENS TYPE | LUMINOUS INTENSITY mcd @ 2mA |      | VIEWING ANGLE |
|-----------------|-------------------------------|-----------|------------------------------|------|---------------|
|                 |                               |           | MIN.                         | TYP. |               |
| ZL-221RH        | HIGH EFFICIENCY RED GaAsP/GaP | DIFFUSED  | 0.6                          | 1.8  | 120°          |
| ZL-221G         | GREEN GaP                     | DIFFUSED  | 0.6                          | 1.8  | 120°          |

NOTE: ELECTRO STATIC DISCHARGE PROTECTION REQUIRED WHEN HANDLING DEVICES.

|  |   |                                   |                          |                             |                                    |
|--|---|-----------------------------------|--------------------------|-----------------------------|------------------------------------|
| <b>METRIC</b><br><br>THIRD ANGLE PROJECTION | DIMENSIONS ARE IN MILLIMETERS (INCHES)                  | <b>JKL COMPONENTS CORPORATION</b> |                          |                             |                                    |
|  | TOLERANCE UNLESS OTHERWISE SPECIFIED<br>±0.25mm (±0.01) |                                   |                          |                             |                                    |
| DRAWN BY<br>L. WENGSTROM   | APPV'D BY DATE<br>L.W. 3/10/10                          | SIZE<br><b>A</b>                  | FSCM NO.<br><b>55335</b> | DRAWING NO.<br><b>ZL-22</b> |                                    |
| - CAD DRAWING -<br>MANUAL REVISIONS NOT PERMITTED  |   | SCALE<br>NONE                     | RELEASED DATE<br>3/10/10 | REVISION DATE               | REV. NO.<br>SHEET<br><b>1 OF 1</b> |