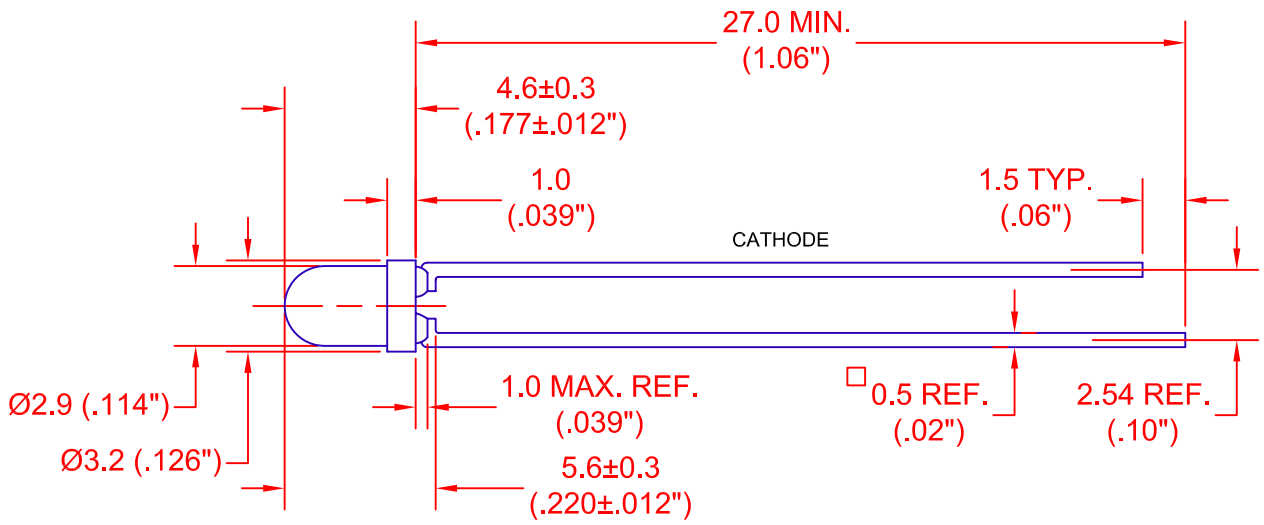


**ELECTRICAL & OPTICAL CHARACTERISTICS**

| JKL PART NUMBER | FORWARD VOLTAGE (DC) | | FORWARD CURRENT (mA)* | | OPERATING TEMP. (C) | | INTENSITY mcd** | | PEAK WAVELENGTH nm | COLOR | | TYP. VIEWING 1/2 ANGLE DEGREE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | TYP. | MAX. | TYP. | MAX. | MIN. | MAX. | MIN. | TYP. | | LED SOURCE (DICE) | LENS TYPE | |
| **Z-121RE** | 2.0 | 2.5 | 20 | 25 | -40 | +85 | 3.2 | 8.0 | 700 | BRIGHT RED GaP | RED DIFFUSED | 120 |
| **Z-121RH** | 2.0 | 2.5 | 20 | 25 | -40 | +85 | 12.5 | 50 | 625 | HIGH EFFICIENCY RED GaAsP/GaP | RED DIFFUSED | 16 |
| **Z-121G** | 2.2 | 2.5 | 20 | 25 | -40 | +85 | 8 | 20 | 565 | GREEN GaP | GREEN DIFFUSED | 40 |
| **Z-121A** | 2.1 | 2.5 | 20 | 25 | -40 | +85 | 8.0 | 32 | 585 | YELLOW GaAsP/GaP | AMBER DIFFUSED | 60 |
| **Z-121Y** | 2.1 | 2.5 | 20 | 25 | -40 | +85 | 8.0 | 32 | 590 | YELLOW GaAsP/GaP | YELLOW DIFFUSED | 60 |
| **Z-122O** | 2.0 | 2.6 | 20 | 25 | -40 | +85 | 32 | 80 | 610 | ORANGE GaAsP/GaP | ORANGE TRANSPARENT | 50 |
| **Z-123R** | 1.7 | 2.1 | 20 | 25 | -40 | +85 | 0.8 | 2.0 | 660 | RED GaAsP | WATER CLEAR | 16 |
| **Z-123RH** | 2.0 | 2.5 | 20 | 25 | -40 | +85 | 12.5 | 50 | 625 | HIGH EFFICIENCY RED GaAsP/GaP | WATER CLEAR | 16 |
| **Z-123G** | 2.2 | 2.5 | 20 | 25 | -40 | +85 | 32 | 80 | 565 | GREEN GaP | WATER CLEAR | 16 |
| **Z-123Y** | 2.1 | 2.5 | 20 | 25 | -40 | +85 | 12.5 | 50 | 590 | YELLOW GaAsP/GaP | WATER CLEAR | 16 |

* CONTINUOUS-DUTY RATING
** INTENSITY VALUES ARE AT TYPICAL FORWARD CURRENT OF 10mA.

NOTE: ELECTRO STATIC DISCHARGE PROTECTION REQUIRED WHEN HANDLING DEVICES.

| REV. NO. | DESCRIPTION/ECO NUMBER | APPV'D DATE |
|---|---|---|
| A | CORRECTION ON Z-121G | 7/16/09 |
| | RELEASED | 10/10/08 |

METRIC
THIRD ANGLE PROJECTION

DIMENSIONS ARE IN MILLIMETERS (INCHES)
TOLERANCE UNLESS OTHERWISE SPECIFIED ±0.25mm (±0.01)

JKL COMPONENTS CORPORATION

TITLE: T-1 STANDARD STRAIGHT FRAME ROUND LED LAMP

| DRAWN BY | APPV'D BY | DATE | SIZE | FSCM NO. | DRAWING NO. |
|---|---|---|---|---|---|
| L. WENGSTROM | S.C. | 7/16/09 | A | 55335 | Z-12 |

- CAD DRAWING -
MANUAL REVISIONS NOT PERMITTED

| SCALE | RELEASED DATE | REVISION DATE | REV. NO. | SHEET |
|---|---|---|---|---|
| NONE | 10/10/08 | 7/16/09 | A | 1 OF 1 |