

| REV | DESCRIPTION/ECO NO.          | DATE    |
|-----|------------------------------|---------|
|     | RELEASED & CANCEL PL-0007-01 | 10/4/01 |
|     |                              |         |
|     |                              |         |
|     |                              |         |
|     |                              |         |

JKL PART NUMBER: Z-123B/450TG

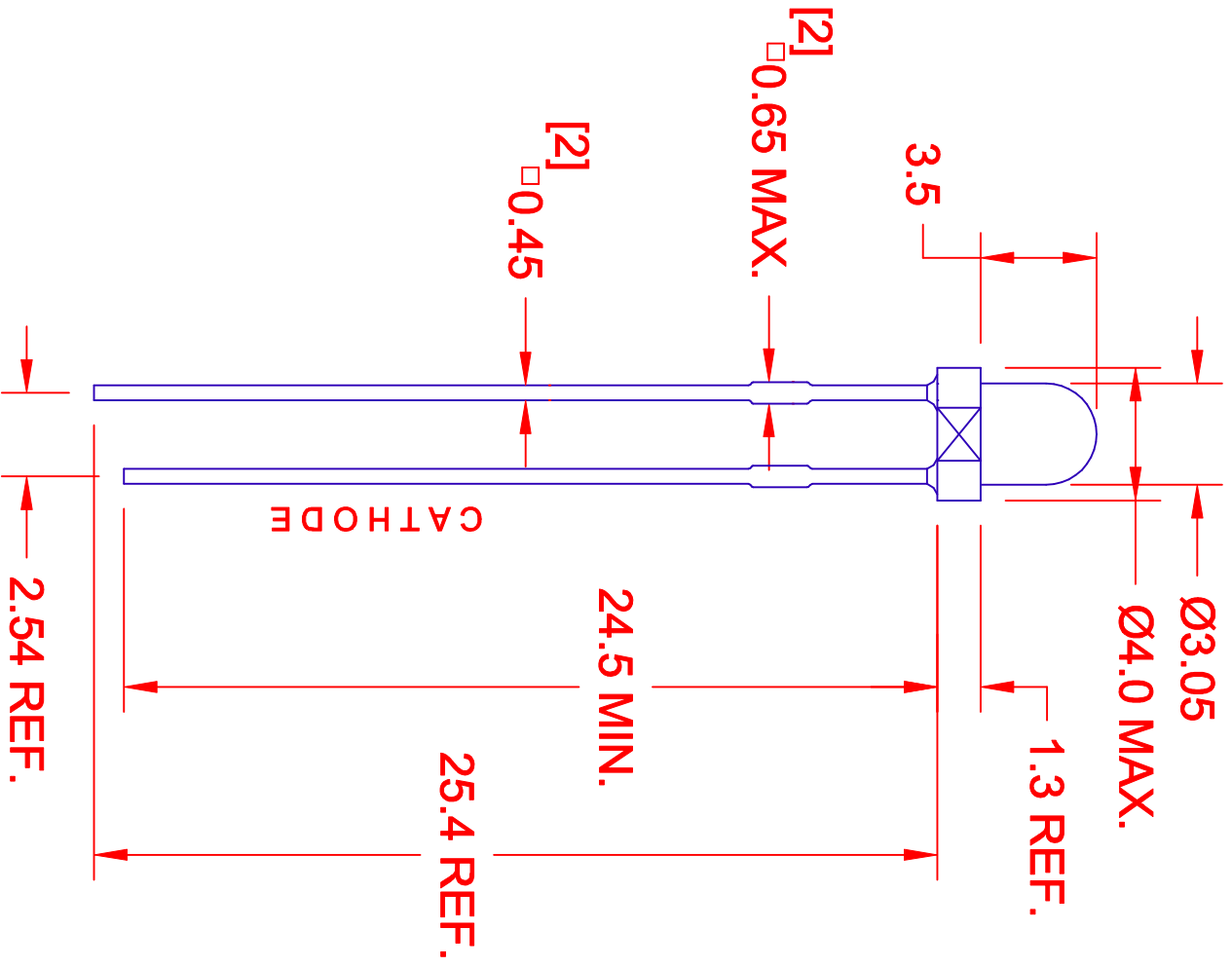
**ELECTRICAL CHARACTERISTICS**

| FORWARD VOLTAGE (DC) |      | FORWARD CURRENT (mA) |      | OPERATING TEMP. (C) |       |
|----------------------|------|----------------------|------|---------------------|-------|
| TYP.                 | MAX. | TYP.                 | MAX. | *MIN.               | *MAX. |
| 3.5                  | 4.0  | 20                   | 30   | -20                 | +80   |

- NOTES:
- \*CONTINUOUS-DUTY RATING
  - LED WAVELENGTH 470nm (TYPICAL)
  - ELECTRO STATIC DISCHARGE PROTECTION REQUIRED.

**OPTICAL CHARACTERISTICS**

| INTENSITY/Mod |      | WAVELENGTH nm |      | COLOR             |  | TYP. VIEWING   |
|---------------|------|---------------|------|-------------------|--|----------------|
| MIN.          | TYP. | MIN.          | MAX. | BLUE (CLEAR LENS) |  | 1/2 ANGLE DEG. |
| 330           | 450  | 465           | 475  |                   |  | 30°            |



|   |  |                               |  |                                |  |        |  |                |  |                          |  |               |  |          |  |              |  |
|---|--|-------------------------------|--|--------------------------------|--|--------|--|----------------|--|--------------------------|--|---------------|--|----------|--|--------------|--|
| <b>METRIC</b>   |  | DIMENSIONS ARE IN MILLIMETERS |  | <p>THIRD ANGLE PROJECTION</p>  |  |        |  |                |  |                          |  |               |  |          |  |              |  |
| TOLERANCE UNLESS OTHERWISE SPECIFIED                            |  | 1 PL +/- 0.2                  |  |                                |  |        |  |                |  |                          |  |               |  |          |  |              |  |
| DRAWN BY L. WENGSTROM   |  | APPR'D BY J.K.                |  | DATE 10/4/01                   |  | SIZE A |  | FSCM NO. 55335 |  | DRAWING NO. Z-123B/450TG |  |               |  |          |  |              |  |
| - CAD DRAWING -   |  |                               |  | MANUAL REVISIONS NOT PERMITTED |  |        |  | SCALE NONE     |  | RELEASED DATE 10/4/01    |  | REVISION DATE |  | REV. NO. |  | SHEET 1 OF 1 |  |
| <p><b>JKL COMPONENTS CORPORATION</b></p> <p>T-1 BLUE L.E.D.</p> |  |                               |  |                                |  |        |  |                |  |                          |  |               |  |          |  |              |  |