ELECTRO-OPTICAL CHARACTERISTICS  $T_A=25^{\circ}\text{C}$   $V_f=14\text{V}$ 

| PARAMETER          | MIN            | TYP | MAX | UNITS             | TEST COND          |
|--------------------|----------------|-----|-----|-------------------|--------------------|
| PEAK WAVELENGTH    |                | 520 |     | nm                | $V_f = 14\text{V}$ |
| FORWARD CURRENT    |                | 8.5 | 12  | mA                |                    |
| REVERSE CURRENT    |                |     | 10  | $\mu\text{A}$     | $V_r = 5\text{V}$  |
| AXIAL INTENSITY    | 40             | 140 |     | mcd               | $V_f = 14\text{V}$ |
| VIEWING ANGLE      |                | 60  |     | $2 \times \theta$ |                    |
| EMITTED COLOR:     | GREEN          |     |     |                   |                    |
| EPOXY LENS FINISH: | GREEN DIFFUSED |     |     |                   |                    |

LIMITS OF SAFE OPERATION AT  $25^{\circ}\text{C}$ 

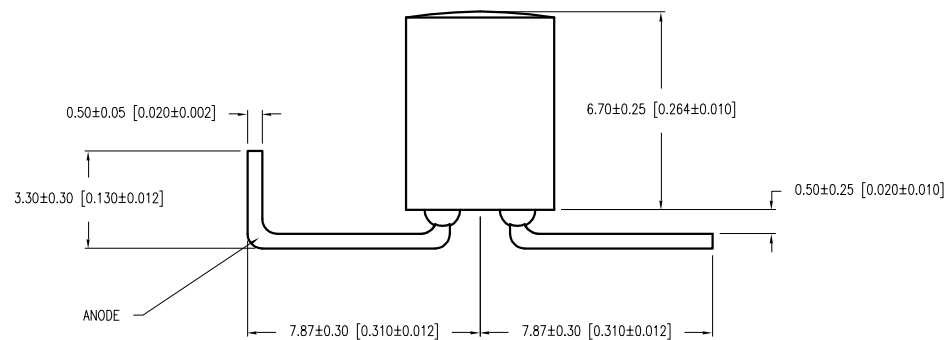
| PARAMETER                        | MAX        | UNITS                  |
|----------------------------------|------------|------------------------|
| PEAK FORWARD VOLTAGE*            | 16         | V                      |
| STEADY CURRENT                   | 8.8        | mA                     |
| POWER DISSIPATION                | 160        | mW                     |
| DERATE FROM $25^{\circ}\text{C}$ | -1.2       | mW/ $^{\circ}\text{C}$ |
| OPERATING, STORAGE TEMP.         | -40 TO +85 | $^{\circ}\text{C}$     |
| SOLDERING TEMP.                  | +260       | $^{\circ}\text{C}$     |
| 2.0mm FROM BODY                  | 5          | SEC. MAX               |

\*  $t < 10\mu\text{s}$ 

## NOTES:

1. CUSTOMER PART #28-6922.

CAUTION: STATIC SENSITIVE DEVICE  
FOLLOW PROPER E.S.D. HANDLING PROCEDURES  
WHEN WORKING WITH THIS PART.



ANODE CATHODE

\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN=  $\begin{matrix} +\text{DECIMAL PRECISION} \\ -0.00 \end{matrix}$  MAX=  $\begin{matrix} +0.00 \\ -\text{DECIMAL PRECISION} \end{matrix}$

UNCONTROLLED DOCUMENT



290 E. HELEN ROAD  
PALATINE, IL 60067-6976  
PHONE: +1.847.359.2790  
FAX: +1.847.359.6538  
WEB: WWW.LUMEX.COM

T-5mm (T-1 3/4) GREEN LED, GREEN DIFFUSED LENS.

\*\*THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.\*\*

CONFIDENTIAL INFORMATION  
THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.

|        |           |           |     |
|--------|-----------|-----------|-----|
| DATE:  | 01.20.10  | DRAWN BY: | JN  |
| PAGE:  | 1 OF 1    | CHKD BY:  |     |
| SCALE: | N/A       | APRVD BY: | BC  |
| UNIT:  | mm [INCH] |           | (R) |