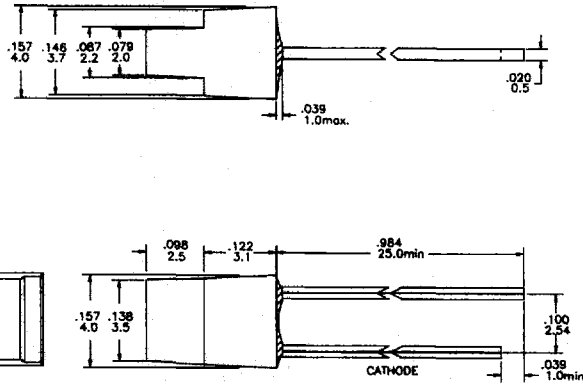


\* "R" (655nm) Red Version has been discontinued

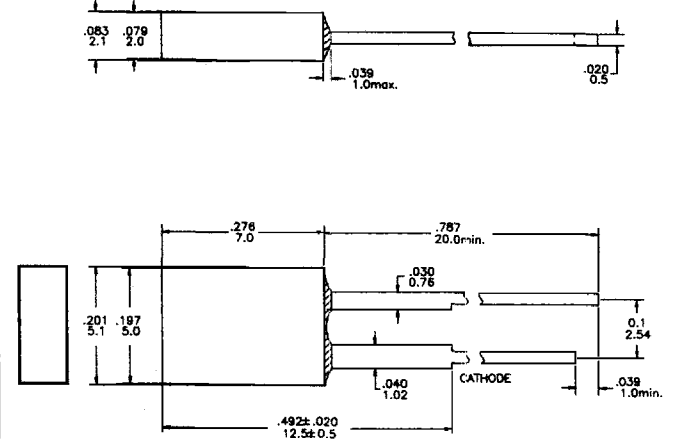
\* I<sub>v</sub> unit = mcd @ I<sub>F</sub> = 10 mA. All the lens are colored diffused. CSL-W114X4 is water clear.

| Device<br>Package<br>Outline                                                                     | Bright Red (H)<br>λ <sub>p</sub> = 695 nm<br>I <sub>v</sub> / 2Θ1/2 | Red (R)<br>λ <sub>p</sub> = 655 nm<br>I <sub>v</sub> / 2Θ1/2 | Orange (E)<br>λ <sub>p</sub> = 635 nm<br>I <sub>v</sub> / 2Θ1/2 | Amber (A)<br>λ <sub>p</sub> = 610 nm<br>I <sub>v</sub> / 2Θ1/2 | Yellow (Y)<br>λ <sub>p</sub> = 590 nm<br>I <sub>v</sub> / 2Θ1/2 | Green (G)<br>λ <sub>p</sub> = 570 nm<br>I <sub>v</sub> / 2Θ1/2 | Device<br>Drawing/<br>View Pattern |
|--------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|--------------------------------------------------------------|-----------------------------------------------------------------|----------------------------------------------------------------|-----------------------------------------------------------------|----------------------------------------------------------------|------------------------------------|
| 2.2 × 3.5<br>   | CSL-600H1GT<br>0.7                                                  | CSL-600R1GT<br>0.3                                           | CSL-600E5GT<br>4.7                                              | CSL-600A1GT<br>4.0                                             | CSL-600Y1GT<br>3.5                                              | CSL-600G1GT<br>3.5                                             | LL19                               |
| 1.9 × 3.1<br>   | CSL-230H1BT<br>0.6                                                  | CSL-230R1BT<br>0.3                                           | CSL-230E5BT<br>3.0                                              | CSL-230A1BT<br>2.5                                             | CSL-230Y1BT<br>2.2                                              | CSL-230G1BT<br>2.2                                             | LL20                               |
| 2.1 × 4.1<br> | CSL-670H1GT<br>0.8                                                  | CSL-670R1GT<br>0.2                                           | CSL-670E5GT<br>4.8                                              | CSL-670A1GT<br>3.9                                             | CSL-670Y1GT<br>3.5                                              | CSL-670G1GT<br>3.0                                             | LL21                               |
| 2.1 × 5.0<br> | CSL-620H1AT<br>0.5                                                  | CSL-620R1AT<br>0.2                                           | CSL-620E5AT<br>2.2                                              | CSL-620A1AT<br>1.8                                             | CSL-620Y1AT<br>1.6                                              | CSL-620G1AT<br>1.6                                             | LL22                               |
| 2.1 × 5.0<br> | CSL-620H1DT<br>1.0                                                  | CSL-620R1DT<br>0.3                                           | CSL-620E5DT<br>4.5                                              | CSL-620A1DT<br>3.4                                             | CSL-620Y1DT<br>3.0                                              | CSL-620G1DT<br>3.0                                             | LL23                               |
| 2.0 × 5.0<br> | CSL-940H1DT<br>1.0                                                  | CSL-940R1DT<br>0.3                                           | CSL-940E5DT<br>4.5                                              | CSL-940A1DT<br>3.4                                             | CSL-940Y1DT<br>3.0                                              | CSL-940G1DT<br>3.0                                             | LL24                               |

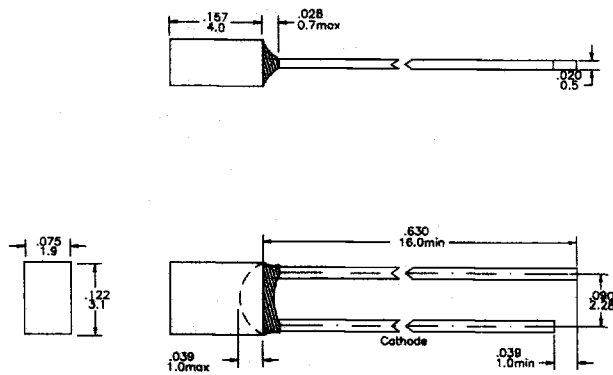
LL19



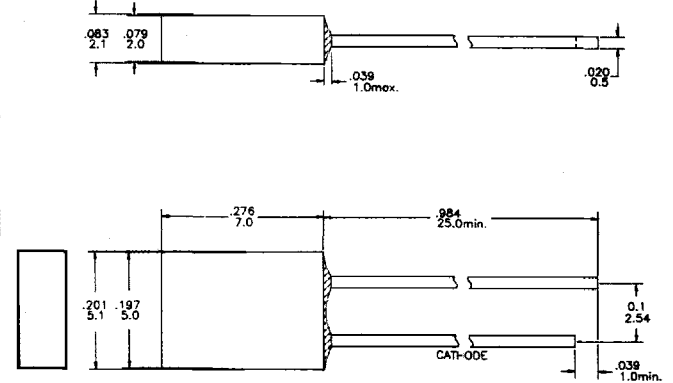
LL22



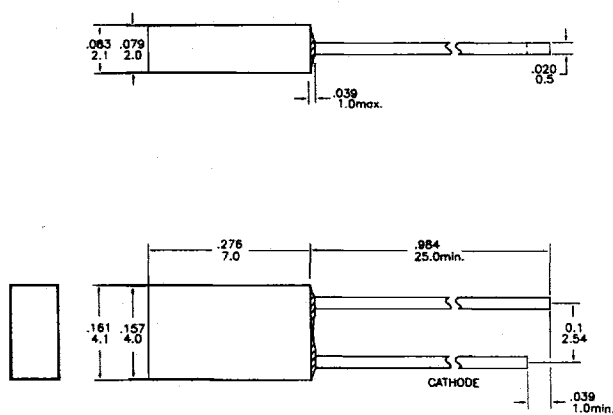
LL20



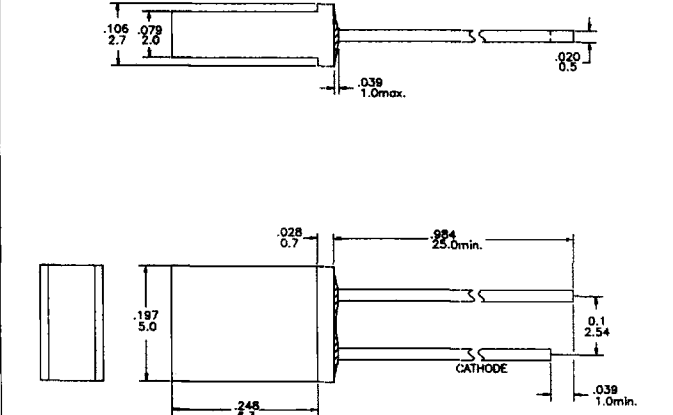
LL23



LL21



LL24



NOTE: 1. All dimensions are in millimeters (inches).  
 2. Tolerance is  $\pm 0.25\text{mm}$  ( $0.010''$ ) unless otherwise noted.