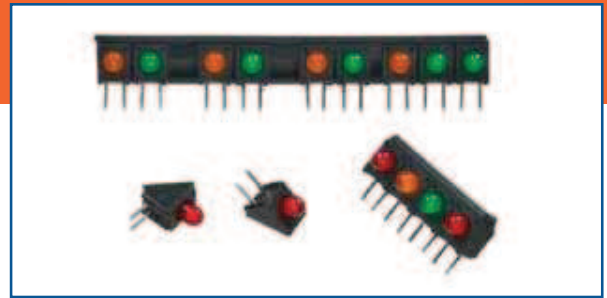


T1 Right Angle LED Bar – .122” (3.09 mm) High LED Centerline*

Special Features

*Patented

- Customized to your specifications without tooling charges
 - Variable LED spacing, minimum .180” (4.57 mm)
 - Maximum bar length 6.0” (152.4 mm)
- Available with 2 to 33 T1 LEDs in one convenient assembly
- Bar provides consistent alignment for multiple LED mounting
- Wave solderable and chemically cleanable
- Housing and bar material UL 94V-O rated

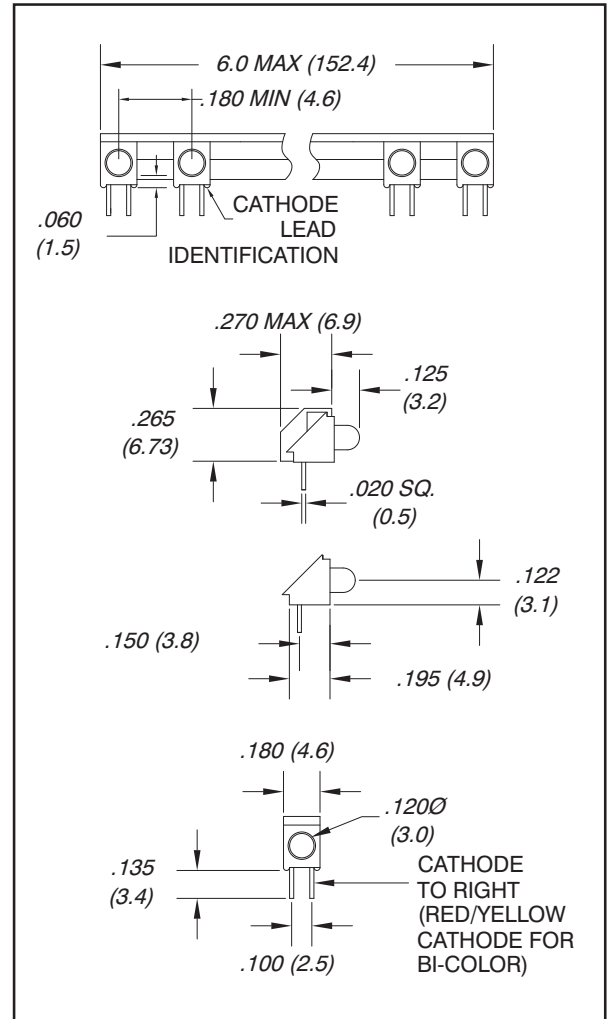


3mm PC Board Mount LEDs

Electrical and Optical Characteristics (TA = 25°C)

| LED Part # | Color | Luminous Intensity (mcd) Typ. @ I _f (mA) | | V _f Typ. @ I _f (mA) | | Viewing Angle 2θ ½ | Peak Wavelength (nm) |
|---------------------------|--------|--|----|---|----|-----------------------|----------------------|
| HIGH EFFICIENCY | | | | | | | |
| 1300 | Yellow | 6.0 | 10 | 2.0 | 10 | 60° | 583 |
| 1301 | Red | 5.5 | 10 | 1.9 | 10 | 60° | 635 |
| 1302 | Green | 5.0 | 10 | 2.1 | 10 | 60° | 565 |
| 1313 | Orange | 5.5 | 10 | 1.9 | 10 | 60° | 600 |
| LOW CURRENT | | | | | | | |
| 1303 | Red | 2.1 | 2 | 1.7 | 2 | 50° | 635 |
| 1304 | Yellow | 2.1 | 2 | 1.8 | 2 | 50° | 583 |
| 1305 | Green | 2.3 | 2 | 1.9 | 2 | 50° | 565 |
| BICOLOR (2 leaded) | | | | | | | |
| 8901 | Red | 20.0 | 20 | 2.0 | 20 | 60° | 627 |
| | Green | 16.0 | 20 | 2.2 | 20 | | 565 |
| 8903 | Yellow | 7.0 | 20 | 2.1 | 20 | 60° | 590 |
| | Green | 16.0 | 20 | 2.2 | 20 | | 565 |
| BLUE | | | | | | | |
| 8310 | Blue | 1100 | 20 | 3.3 | 20 | 30° | 468 |
| ULTRA BRIGHT | | | | | | | |
| 1310 | Red | 55.0 | 20 | 1.9 | 20 | 45° | 635 |
| 1311 | Yellow | 45.0 | 20 | 2.1 | 20 | 45° | 583 |
| 1312 | Green | 45.0 | 20 | 2.2 | 20 | 45° | 565 |
| 1315 | Red | 45.0 | 20 | 1.8 | 20 | 60° | 645 |
| SUPER ULTRA BRIGHT | | | | | | | |
| 8306 | Green | 150.0 | 20 | 2.2 | 20 | 50° | 565 |
| 8312 | Yellow | 700.0 | 20 | 2.0 | 20 | 50° | 590 |
| 8313 | Red | 800.0 | 20 | 1.85 | 20 | 50° | 660 |
| WHITE | | | | | | | |
| 1331 | White | 1600 | 20 | 3.3 | 20 | 34° | N/A |

Package Dimensions



All dimensions are in inches (mm)
Standard polarity shown in drawing: Cathode right

How To Order

| | |
|---|--|
| <p>Individual RA LEDs</p> <p>RA x - xxxx - 3000</p> <p>LED </p> <p>Color </p> <p>Red=R </p> <p>Yellow=Y </p> <p>Green=G </p> <p>Orange=O </p> <p>Blue=L </p> <p>Bicolor=B </p> <p>White=W </p> <p>See LED Part #</p> | <p>Multiple RA LEDs on a Bar</p> <p>x RA x - xxxx - xxx - 3000</p> <p># of LEDs </p> <p>Per Bar </p> <p>LED </p> <p>Color </p> <p>R=Red </p> <p>Y=Yellow </p> <p>G=Green </p> <p>O=Orange </p> <p>L=Blue </p> <p>B=Bicolor </p> <p>W=White </p> <p>M=Multiple</p> <p>LED Part# </p> <p>(Use MCOO </p> <p>for multiple </p> <p>colors) </p> <p>Center to Center </p> <p>Spacing of LEDs </p> <p>in inches </p> <p>(If spacing varies </p> <p>use SPL)</p> |
|---|--|