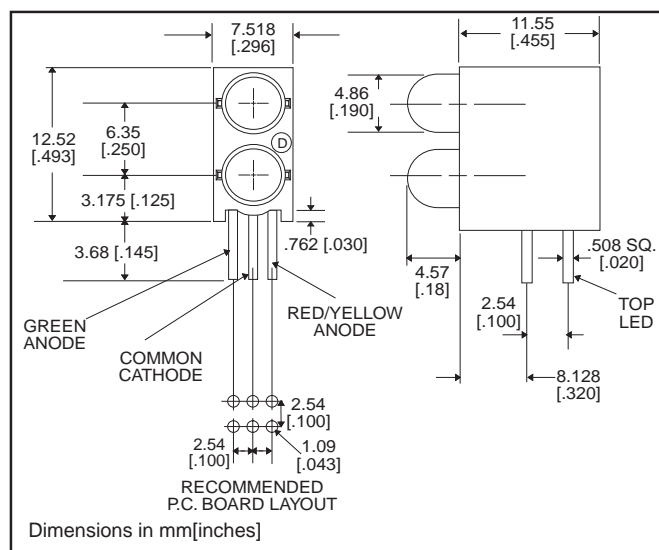


LED CBI® Circuit Board Indicator

3 Leaded, Bi-Color, Bi-Level

Dialight
552-35xx



Benefits

- Single PC Board insertion of 2 Bi-Color LEDs
- 3 leaded design simplifies drive circuit
- Bi-color, bilevel design conserves board space
- Standoffs on housing facilitate PC board cleaning
- Black housing enhances contrast
- Housing material UL94V-O rated
- Housing assures proper LED Alignment
- Vibration and shock resistant
- High reliability - life measured in years

LED Data

- For absolute maximum ratings and other electrical/optical data refer to LED data sheet

PART NO.

552-3511

552-3544

* Top-Bottom LED

COLOR*

Red/Green

Yellow/Green

Application of Bi-Color LEDs

A bi-color LED can produce a wide variety of colors in the range between the 2 colors. This function is achieved by varying the bias current or duty cycle that is applied to the device anodes. The Red/Green bi-color device will typically display an orange color when the current on the red terminal is equal to the current on the green terminal. By adjusting the individual average currents, the color displayed will shift closer to the color of the die that is conducting the higher average current. A 3-leaded bi-color LED allows simplicity in drive circuitry and separate current limiting resistors.

PART NUMBER ORDERING CODE

SERIES LED Type Top Position Bottom Position

5 5 2 - 3 5 X X

Color

0) Blank 1) Red/Green Bi-color 4) Yellow/Green Bi-color



[CLICK HERE](#)

To Construct Custom Color Combinations of This Part

Typical Operating Characteristics (T_A=25°C)

See LED data sheet for additional information

Part Number	Color	Peak Wavelength nm	I _v mcd	V _F Volts	Test Current (mA)	Viewing Angle 2Θ½	LED Data sheet	Page #
552-3511	Red/Green	635/565	5/8	2.1/2.3	10	65°	5TD-9467	6-58
552-3544	Yellow/Green	583/565	5/8	2.1/2.1	10	65°	5TD-9461	6-58

Data presented as R/G or Y/G as applicable