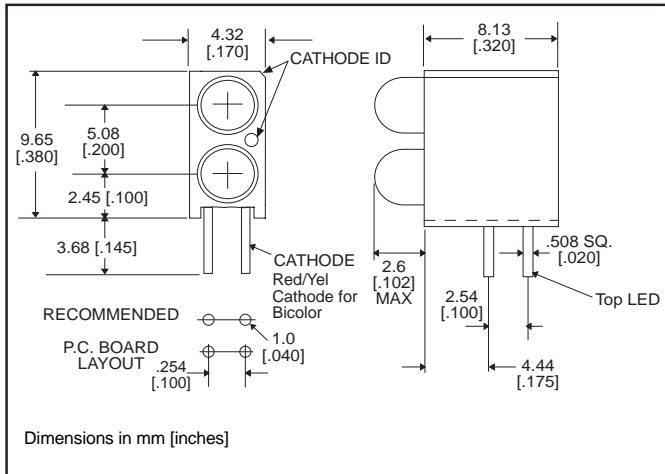


# 3mm LED CBI® Circuit Board Indicator Bi-level

# Dialight

## 553-xxxx



Standard Polarity shown in drawing: Cathode right

### Benefits

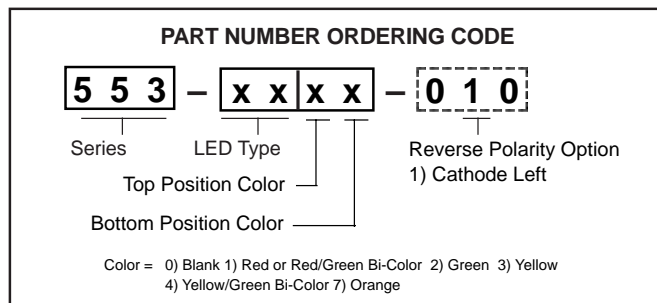
- Available in a variety of LEDs
- Standoffs on housing facilitate PC board cleaning
- Bi-level design conserves board space
- Black housing enhances contrast
- High reliability - life measured in years
- Housing meets UL 94V-0
- Vibration and shock resistant
- Housing assures proper LED alignment
- Single PC Board insertion 2 LEDs

### Custom Combinations

- Contact factory for information on custom bi-level arrays and color combinations.

### LED Data

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



-010 Ordering Code Suffix required ONLY for Reverse Polarity Option

### PART NO.

### COLOR\*

#### HIGH EFFICIENCY - LED TYPE 01

553-0111	Red
553-0122	Green
553-0133	Yellow
553-0177	Orange

#### LOW CURRENT - LED TYPE 02

553-0211	Red
553-0222	Green
553-0233	Yellow

#### RESISTOR 5V - LED TYPE 03

553-0311	Red
553-0322	Green
553-0333	Yellow

#### BI-COLOR - LED TYPE 07

553-0711	Red/Green
553-0744	Yellow/Green

#### NON-DIFFUSED - LED TYPE 22

553-2211	Red
553-2222	Green
553-2233	Yellow

\* Top-Bottom LED

To order any of the 553-xxxx part numbers with Reverse Polarity (Cathode Left), please add -010 to the part numbers shown above.



## CLICK HERE

To Construct Custom Color Combinations of This Part

## Typical Operating Characteristics (T<sub>A</sub>=25°C)

See LED data sheet for additional information

### HIGH EFFICIENCY

Part Number	Color	Peak Wavelength nm	I <sub>v</sub> mcd	V <sub>F</sub> Volts	Test Current (mA)	Viewing Angle 2Θ <sub>1/2</sub>	LED Data sheet	Page #
553-0111	Red	650	10	2	10	45°	521-9427	4-63
553-0122	Green	563	16	2.1	10	45°	521-9408	4-63
553-0133	Yellow	585	6.3	2.1	10	45°	521-9428	4-63
553-0177	Orange	600	6.5	2.2	10	60°	521-9498	4-53

### LOW CURRENT

Part Number	Color	Peak Wavelength nm	I <sub>v</sub> mcd	V <sub>F</sub> Volts	Test Current (mA)	Viewing Angle 2Θ <sub>1/2</sub>	LED Data sheet	Page #
553-0211	Red	635	1.8	1.8	2	50°	521-9324	4-55
553-0222	Green	565	1.6	1.8	2	50°	521-9326	4-55
553-0233	Yellow	583	1.6	1.9	2	50°	521-9325	4-55

### INTEGRAL RESISTOR, 5V

Part Number	Color	Peak Wavelength nm	I <sub>v</sub> mcd	Test Voltage	Forward Current (mA)	Viewing Angle 2Θ <sub>1/2</sub>	LED Data sheet	Page #
553-0311	Red	635	4	5	10	60°	521-9215	4-54
553-0322	Green	565	8	5	12	60°	521-9323	4-54
553-0333	Yellow	583	8	5	10	60°	521-9322	4-54

4

### BI-COLOR

Bicolor data shown as red/green or yellow/green

Part Number	Color	Peak Wavelength nm	I <sub>v</sub> mcd	V <sub>F</sub> Volts	Test Current (mA)	Viewing Angle 2Θ <sub>1/2</sub>	LED Data sheet	Page #
553-0711	Red/Green	635/565	5	2	10	50°	521-9459	4-58
553-0744	Yellow/Green	585/565	4.3/6.3	2.1*/2.1*	10	80°	521-9478	4-57

\* I<sub>F</sub> = 20mA

### NON-DIFFUSED

Part Number	Color	Peak Wavelength nm	I <sub>v</sub> mcd	V <sub>F</sub> Volts	Test Current (mA)	Viewing Angle 2Θ <sub>1/2</sub>	LED Data sheet	Page #
553-2211	Red	635	12	2.2	10	45°	521-9432	4-56
553-2222	Green	565	12	2.3	10	45°	521-9430	4-56
553-2233	Yellow	583	12	2.2	10	45°	521-9431	4-56

### CBI ARRAYS .200 PITCH

Dialight offers its Multiarray to reduce insertions and to assure indicator alignment. Multiarrays mount indicators on .200 centers. These assemblies are available in arrays of 2 to 6. See pages 4-43 and 4-44 for information. Call factory for information on .185 pitched arrays.

**Dialight**