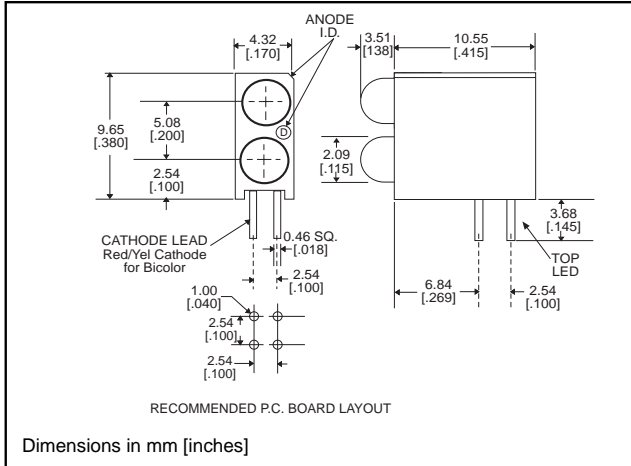


3mm

**LED CBI® Circuit Board Indicator  
(DIN 41494 Compatible), Narrow Bi-level**

**Dialight**

**553-XXXX-200**



Standard Polarity shown in drawing: Cathode left

**Benefits**

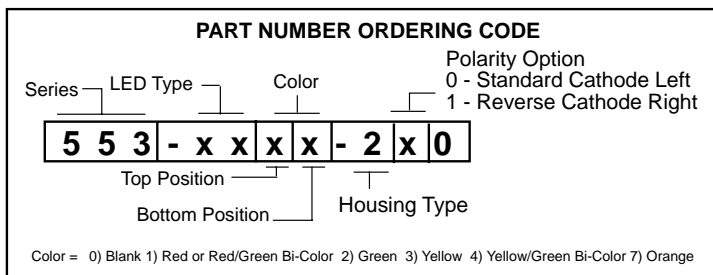
- **DIN 41494 compatible**
- Available in a variety of LEDs
- Standoffs on housing facilitate PC board cleaning
- Bi-level design conserves board space
- Single PC Board insertion 2 LEDs
- Black housing enhances contrast
- High reliability - life measured in years
- Housing meets UL 94V-0
- Vibration and shock resistant
- Housing assures proper LED alignment

**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



**PART NO.**

**COLOR\***

**HIGH EFFICIENCY - LED TYPE 01**

553-0111-200	Red
553-0122-200	Green
553-0133-200	Yellow
553-0177-200	Orange

**LOW CURRENT - LED TYPE 02**

553-0211-200	Red
553-0222-200	Green
553-0233-200	Yellow

**RESISTOR 5V - LED TYPE 03**

553-0311-200	Red
553-0322-200	Green
553-0333-200	Yellow

**BI-COLOR - LED TYPE 07**

553-0711-200	Red/Green
553-0744-200	Yellow/Green

**NON-DIFFUSED - LED TYPE 22**

553-2211-200	Red
553-2222-200	Green
553-2233-200	Yellow

\* Top-Bottom LED

**REVERSE POLARITY OPTION AVAILABLE**  
See Part Number Ordering Code below.



**CLICK HERE**

To Construct Custom Color Combinations of This Part

# 553-xxxx-200

(DIN 41494 compatible)

## 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>½</sub>	LED Data sheet	Page #
553-0111-200	Red	635	10	2*	10	60°	521-9216	4-53
553-0122-200	Green	565	12.6	2.1*	10	60°	521-9210	4-53
553-0133-200	Yellow	583	10	2.2	10	60°	521-9211	4-53
553-0177-200	Orange	600	7	2.2*	10	60°	521-9498	4-53

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

### 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>½</sub>	LED Data sheet	Page #
553-0211-200	Red	635	1.8	1.8	2	50°	521-9324	4-55
553-0222-200	Green	565	1.6	1.8	2	50°	521-9326	4-55
553-0233-200	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>½</sub>	LED Data sheet	Page #
553-0311-200	Red	635	4	5	10	60°	521-9215	4-54
553-0322-200	Green	565	8	5	12	60°	521-9323	4-54
553-0333-200	Yellow	583	8	5	10	60°	521-9322	4-54

### 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>½</sub>	LED Data sheet	Page #
553-0711-200	Red/Green	635/565	5	2	10	50°	521-9459	4-58
553-0744-200	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>½</sub>	LED Data sheet	Page #
553-2211-200	Red	635	12	2.2	10	45°	521-9432	4-56
553-2222-200	Green	565	12	2.3	10	45°	521-9430	4-56
553-2233-200	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.

