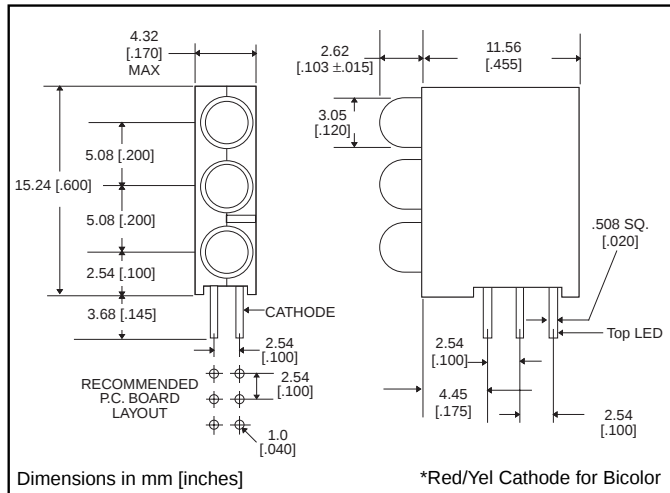


3mm

# LED CBI® Circuit Board Indicator Tri-Level

# Dialight

## 564-0x00-xxx



### PART NO.

### COLOR\*

#### HIGH EFFICIENCY - LED TYPE 01

|              |                      |
|--------------|----------------------|
| 564-0100-111 | Red-Red-Red          |
| 564-0100-132 | Red-Yellow-Green     |
| 564-0100-222 | Green-Green-Green    |
| 564-0100-777 | Orange-Orange-Orange |

#### LOW CURRENT - LED TYPE 02

|              |                   |
|--------------|-------------------|
| 564-0200-111 | Red-Red-Red       |
| 564-0200-132 | Red-Yellow-Green  |
| 564-0200-222 | Green-Green-Green |

#### INTEGRAL RESISTOR, 5V - LED TYPE 03

|              |                   |
|--------------|-------------------|
| 564-0300-111 | Red-Red-Red       |
| 564-0300-132 | Red-Yellow-Green  |
| 564-0300-222 | Green-Green-Green |

#### BI-COLOR - LED TYPE 07

|              |                                        |
|--------------|----------------------------------------|
| 564-0700-111 | Red/Green-Red/Green-Red/Green          |
| 564-0700-444 | Yellow/Green-Yellow/Green-Yellow/Green |

\* Top-Middle-Bottom LED

### Benefits

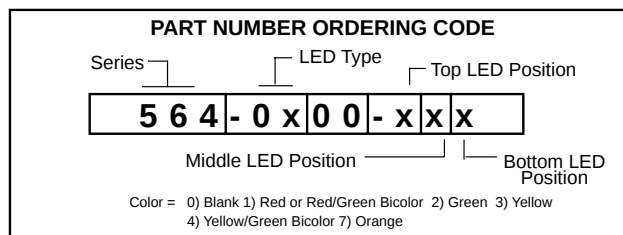
- Tri-level design conserves board space
- Available with a variety of LEDs
- Housing material UL94 V-0 rated
- Black housing enhances contrast
- Vibration and shock resistant
- Housing assures proper LED alignment
- Single insertion - 3 LEDs
- Standoffs on housing facilitate PC board cleaning

### Custom Combinations

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

### LED Data

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



## CLICK HERE

To Construct Custom Color Combinations of This Part

# 564-0x00-xxx

## 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 # |
|--------------|--------|--------------------|--------------------|----------------------|-------------------|---------------------------------|----------------|--------|
| 564-0100-xxx | Red    | 635                | 10                 | 2*                   | 10                | 60°                             | 521-9216       | 4-53   |
|              | Green  | 565                | 12.6               | 2.1*                 | 10                | 60°                             | 521-9210       | 4-53   |
|              | Yellow | 585                | 10                 | 2.2                  | 10                | 60°                             | 521-9211       | 4-53   |
|              | 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>1/2</sub> | LED Data sheet | Page # |
|--------------|--------|--------------------|--------------------|----------------------|-------------------|---------------------------------|----------------|--------|
| 564-0200-xxx | Red    | 635                | 1.8                | 1.8                  | 2                 | 50°                             | 521-9324       | 4-55   |
|              | Green  | 565                | 1.6                | 1.8                  | 2                 | 50°                             | 521-9326       | 4-55   |
|              | 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 # |
|--------------|--------|--------------------|--------------------|--------------|----------------------|---------------------------------|----------------|--------|
| 564-0300-xxx | Red    | 635                | 4                  | 5            | 10                   | 60°                             | 521-9215       | 4-54   |
|              | Green  | 565                | 8                  | 5            | 12                   | 60°                             | 521-9323       | 4-54   |
|              | 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>1/2</sub> | LED Data sheet | Page # |
|--------------|--------------|--------------------|--------------------|----------------------|-------------------|---------------------------------|----------------|--------|
| 564-0700-111 | Red/Green    | 635/565            | 5                  | 2                    | 10                | 50°                             | 521-9459       | 4-58   |
| 564-0700-444 | Yellow/Green | 585/565            | 4.3/6.3            | 2.1*/2.1*            | 10                | 80°                             | 521-9478       | 4-57   |

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

**Dialight**