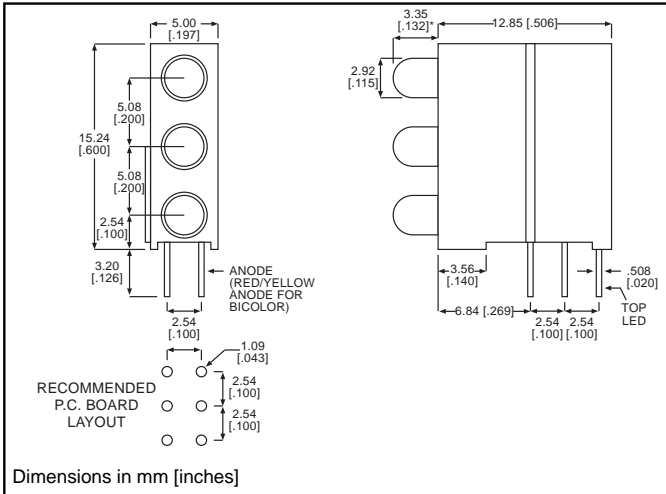


**3mm**  
**LED CBI® Circuit Board Indicator**  
**(DIN 41494 Compatible), Tri-Level**

**Dialight**  
**564-0x20-xxx**



<u>PART NO.</u>	<u>COLOR*</u>
<b>HIGH EFFICIENCY - LED TYPE 01</b>	
564-0120-111	Red-Red-Red
564-0120-132	Red-Yellow-Green
564-0120-222	Green-Green-Green
564-0120-777	Orange-Orange-Orange
<b>LOW CURRENT - LED TYPE 02</b>	
564-0220-111	Red-Red-Red
564-0220-132	Red-Yellow-Green
564-0220-222	Green-Green-Green
<b>INTEGRAL RESISTOR, 5V - LED TYPE 03</b>	
564-0320-111	Red-Red-Red
564-0320-132	Red-Yellow-Green
564-0320-222	Green-Green-Green

**Benefits**

- **DIN 41494 compatible**
- Tri-level design conserves board space
- Available with a variety of LEDs
- Housing material UL94V-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 color combinations.

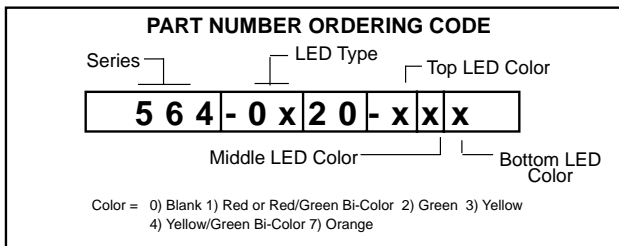
**LED Data**

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

**BI-COLOR - LED TYPE 07**

564-0720-111	Red/Green-Red/Green-Red/Green
564-0720-444	Yellow/Green-Yellow/Green-Yellow/Green

\* Top-Middle-Bottom LED



**CLICK HERE**

To Construct Custom Color Combinations of This Part

# 564-0x20-xxx

(DIN41494 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>1/2</sub>	LED Data sheet	Page #
564-0120-xxx	Red	635	10	2*	10	60°	521-9216	4-53
	Green	565	12.6	2.1*	10	60°	521-9210	4-53
	Yellow	583	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 #
564-0220-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 #
564-0320-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 #
564-0720-111	Red/Green	635/565	5	2	10	50°	521-9459	4-58
564-0720-444	Yellow/Green	585/565	4.3/6.3	2.1*/2.1*	10	80°	521-9478	4-57

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

**Dialight**