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Stocking Distributor

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[Dialight](#)
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For any questions, you can email us directly:
sales@integrated-circuit.com

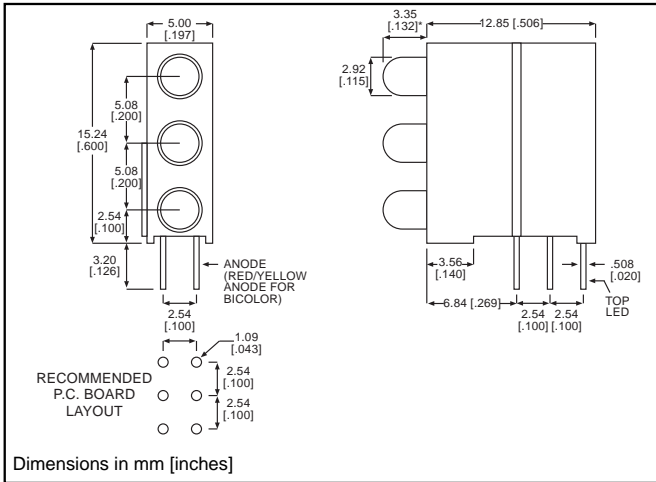
3mm

LED CBI® Circuit Board Indicator

(DIN 41494 Compatible), Tri-Level

Dialight

564-0x20-xxx



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

| | |
|-------------------------------|--|
| 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

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.

PART NUMBER ORDERING CODE

Series LED Type Top LED Color

5 6 4 - 0 x 2 0 - x x x

Middle LED Color Bottom LED Color

Color = 0) Blank 1) Red or Red/Green Bi-Color 2) Green 3) Yellow
 4) Yellow/Green Bi-Color 7) Orange



564-0x20-xxx

(DIN41494 Compatible)

Typical Operating Characteristics (T_A=25°C)

See LED data sheet for additional information

HIGH EFFICIENCY

| Part Number | Color | Peak Wavelength nm | I _v mcd | V _F Volts | Test Current (mA) | Viewing Angle 2Θ _{1/2} | 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_F = 20mA

LOW CURRENT

| Part Number | Color | Peak Wavelength nm | I _v mcd | V _F Volts | Test Current (mA) | Viewing Angle 2Θ _{1/2} | 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 _v mcd | Test Voltage | Forward Current (mA) | Viewing Angle 2Θ _{1/2} | 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 _v mcd | V _F Volts | Test Current (mA) | Viewing Angle 2Θ _{1/2} | 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_F = 20mA