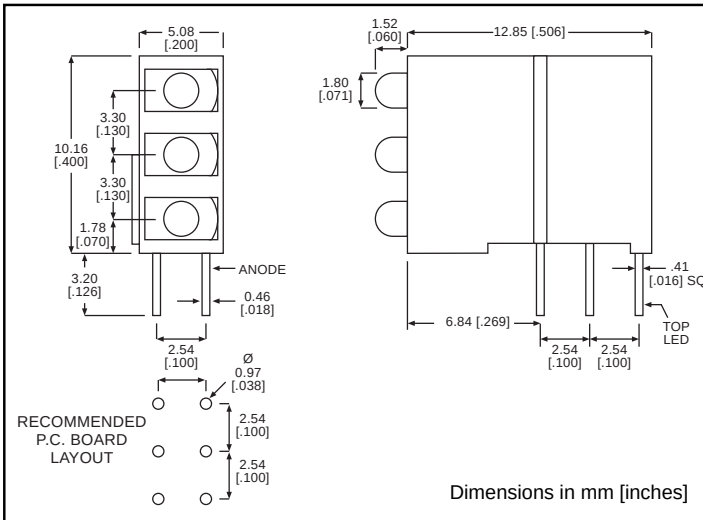


2mm

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

Dialight

570-0100-xxx



PART NO.

COLOR*

570-0100-111

Red-Red-Red

570-0100-132

Red-Yellow-Green

570-0100-222

Green-Green-Green

570-0100-333

Yellow-Yellow-Yellow

* Top-Middle-Bottom LED

LED Data

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

3

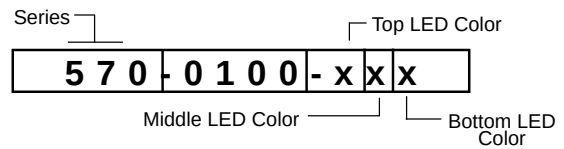
Benefits

- DIN 41494 compatible
- 2mm Tri-Level for high density status indication
- Available with mixed colors
- Housing material UL94 V-0 rated
- Black housing enhances contrast
- Vibration and shock resistant
- Housing assures proper LED alignment
- Single PC board insertion - 3 LEDs

Custom Combinations

- Contact factory for information on custom color combinations.

EXAMPLE OF PART NUMBER ORDERING CODE



LED colors: 0) Blank, 1) Red, 2) Green, 3) Yellow

Typical Operating Characteristics (TA=25°C)

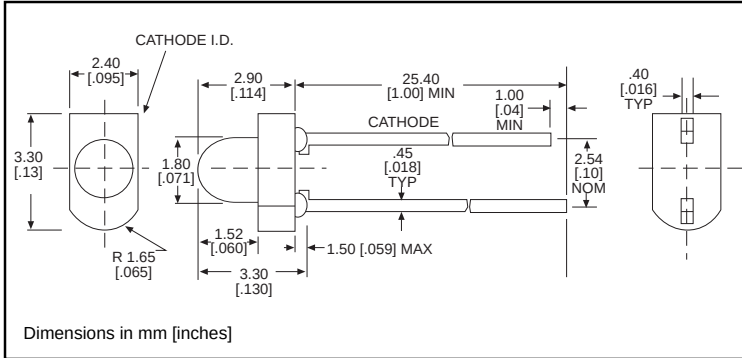
Part Number	Color	Peak Wavelength nm	Iv* mcd	Vf** Volts	Viewing Angle 2θ½	LED Data sheet	Page #
570-0100-xxx	Red	635	12.6	2	38°	521-9630	3-13
	Green	565	8.7	2.1	38°	521-9632	3-13
	Yellow	585	12.6	2.1	38°	521-9631	3-13

* I_F = 10 mA **I_F = 20 mA

2mm Discrete LED Diffused

Dialight

521-9630, -9631, -9632



PART NO.

521-9630

521-9631

521-9632

COLOR

Red

Yellow

Green

3

ABSOLUTE MAXIMUM RATINGS (T_A=25°C)

	Red -9630	Yellow -9631	Green -9632
Power Dissipation (mW)	100	60	100
Forward Current (mA)	30	20	30
Derating (mA/°C) From 25°C	.4	.25	.4
Peak Current (mA) Pulse width = 10μs	120	80	120
Operating Temperature (°C)	-55/+100	-55/+100	-55/+100
Storage Temperature (°C)	-55/+100	-55/+100	-55/+100
Soldering Temperature	260°C, 5 seconds, 1.6 mm from case		

OPERATING CHARACTERISTICS (T_A=25°C)

		Red -9630	Yellow -9631	Green -9632
Luminous Intensity (mcd)	Min.	3.7	3.7	2.5
I _F =10mA	Typical	12.6	12.6	8.7
Peak Wavelength (nm)	Typical	635	585	565
λ Peak				
Viewing Angle (2Θ½)	Typical	38°	38°	38°
Forward Voltage (V)	Typical	2	2.1	2.1
I _F =20mA	Max.	2.8	2.8	2.8
Reverse Voltage (V), I _R =100μA	Min.	5	5	5

Θ ½ is the off axis angle at which the luminous intensity is half the axial luminous intensity