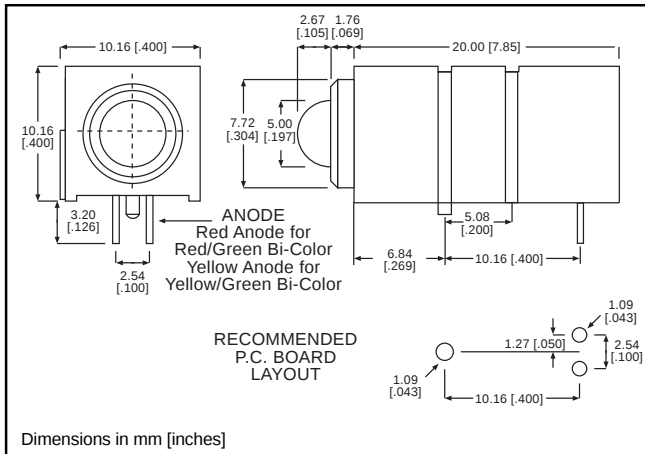


5mm LED CBI® Circuit Board Indicator (DIN 41494 Compatible), Single

Dialight

550-xx12



Standard Polarity shown in drawing: Anode right

Benefits

- **DIN 41494 compatible**
- Available with a variety of LEDs
- Housing material meets UL94V-0
- Black housing enhances contrast
- High reliability - life measured in years
- Vibration and shock resistant
- Housing assures proper LED alignment
- Standoffs on housing facilitate PC board cleaning

Custom

- For custom LEDs contact factory.

LED Data

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

PART NO.

INTEGRAL RESISTOR, 5V

550-0512
550-0712
550-0812

COLOR

Red
Green
Yellow

LOW CURRENT

550-1112
550-1212
550-1312

Red
Yellow
Green

HIGH EFFICIENCY

550-2212
550-2312
550-2412
550-2512

Green
Yellow
Red
Orange

BI-COLOR

550-3012
550-3112

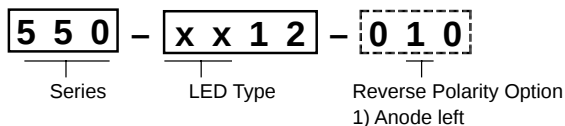
Red/Green
Yellow/Green

To order any of the 550-xx12 part numbers with Reverse Polarity (Anode Left), please add -010 to the part numbers shown above.

NEW

6

PART NUMBER ORDERING CODE



-010 Ordering Code Suffix required ONLY for Reverse Polarity Option

550-xx12

(DIN 41494 Compatible)

Typical Operating Characteristics ($T_A=25^{\circ}\text{C}$)

See LED data sheet for additional information

INTEGRAL RESISTOR

Part Number	Color	Peak Wavelength nm	I_V mcd	Test Voltage	Forward Current (mA)	Viewing Angle $2\theta_{\frac{1}{2}}$	LED Data sheet	Page #
550-0512	Red	655	2	5	13	60°	5RD-9422	6-56
550-0712	Green	565	8	5	12	60°	5RD-9423	6-56
550-0812	Yellow	583	8	5	10	60°	521-9284	6-43

LOW CURRENT

Part Number	Color	Peak Wavelength nm	I_V mcd	V_F Volts	Test Current (mA)	Viewing Angle $2\theta_{\frac{1}{2}}$	LED Data sheet	Page #
550-1112	Red	635	2	1.8	2	50°	521-9320	6-44
550-1212	Yellow	583	1.8	1.9	2	50°	521-9321	6-44
550-1312	Green	565	1.8	1.8	2	50°	521-9327	6-44

HIGH EFFICIENCY

Part Number	Color	Peak Wavelength nm	I_V mcd	V_F Volts	Test Current (mA)	Viewing Angle $2\theta_{\frac{1}{2}}$	LED Data sheet	Page #
550-2212	Green	563	10	2.1	10	65°	5HD-9270-5	6-53
550-2312	Yellow	585	6.3	2.1	10	50°	5HD-9271-5	6-53
550-2412	Red	650	7	2.2	10	50°	5HD-9269	6-53
550-2512	Orange	600	7	1.9	10	60°	521-9704	6-45

BI-COLOR

Bicolor data shown as red/green

Part Number	Color	Peak Wavelength nm	I_V mcd	V_F Volts	Test Current (mA)	Viewing Angle $2\theta_{\frac{1}{2}}$	LED Data sheet	Page #
550-3012	Red/Green	660/565	90/40	1.8/2.1	20	60°	521-9651	6-48
550-3112	Yellow/Green	585/565	8.7/8.7	2.1/2.1	20	50°	521-9724	6-48

Dialight