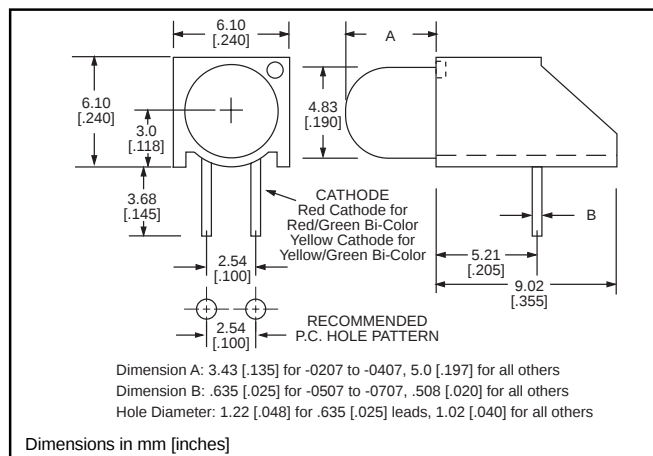


5mm

LED CBI® Circuit Board Indicator Sloped Back Housing with Standoffs

Dialight

550-xx07



Standard Polarity shown in drawing: Cathode right

Benefits

- Available with a variety of LEDs
- Housing material meets UL94 V-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
- Compatible with:
 - 550-xx07-002 dual block
 - 550-xx07-004 quad block

Custom

- For custom LEDs contact factory.

LED Data

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

PART NO.

GENERAL PURPOSE

550-0207
550-0307
550-0407

COLOR

Green
Yellow
Red

INTEGRAL RESISTOR

550-0507
550-0607
550-0707
550-0807

Red, 5V
Red, 12V
Green, 5V
Yellow, 5V

LOW CURRENT

550-1107
550-1207
550-1307

Red
Yellow
Green

HIGH EFFICIENCY

550-2207
550-2307
550-2407
550-2507

Green
Yellow
Red
Orange

BI-COLOR

550-3007
550-3107

Red/Green
Yellow/Green

SUPER BRIGHT, DIFFUSED

550-5107
550-5207
550-5307

Red
Green
Yellow

SUPER BRIGHT, WATER CLEAR (Non-tinted, Non-diffused)

550-5507
550-5607
550-5707

Red
Green
Yellow

To order any of the 550-xx07 part numbers with Reverse Polarity (Cathode Left), please add -010 to the part numbers shown above.

NEW

PART NUMBER ORDERING CODE

5 5 0 - x x 0 7 - 0 1 0

Series

LED Type

Reverse Polarity Option
1) Cathode Left

-010 Ordering Code Suffix required ONLY for Reverse Polarity Option

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

See LED data sheet for additional information

GENERAL PURPOSE

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 #
550-0207	Green	565	12.3	2.1	20	60°	5ND-9674	6-55
550-0307	Yellow	585	12.3	2.1	20	60°	5ND-9673	6-55
550-0407	Red	635	12.3	2	20	60°	5ND-9672	6-55

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 #
550-0507	Red	655	2	5	13	60°	5RD-9422	6-56
550-0607	Red	655	2	12	13	60°	521-9262	6-43
550-0707	Green	565	8	5	12	60°	5RD-9423	6-56
550-0807	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 #
550-1107	Red	635	2	1.8	2	50°	521-9320	6-44
550-1207	Yellow	583	1.8	1.9	2	50°	521-9321	6-44
550-1307	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 #
550-2207	Green	563	10	2.1	10	65°	5HD-9270-5	6-53
550-2307	Yellow	585	6.3	2.1	10	50°	5HD-9271-5	6-53
550-2407	Red	650	7	2.2	10	50°	5HD-9269	6-53
550-2507	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 #
550-3007	Red/Green	660/565	90/40	1.8/2.1	20	60°	521-9651	6-48
550-3107	Yellow/Green	585/565	8.7/8.7	2.1/2.1	20	50°	521-9724	6-48

SUPER BRIGHT, DIFFUSED

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 #
550-5107	Red	650	34	2.1	20	50°	5SD-9441	6-57
550-5207	Green	563	34	2.2	20	50°	5SD-9456	6-57
550-5307	Yellow	585	34	2.2	20	50°	5SD-9455	6-57

SUPER BRIGHT, WATER CLEAR (NON-TINTED, NON-DIFFUSED)

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 #
550-5507	Red	635	125	2.2	20	24°	521-9464	6-49
550-5607	Green	565	120	2.3	20	24°	521-9465	6-49
550-5707	Yellow	583	140	2.2	20	24°	521-9466	6-49

Dialight