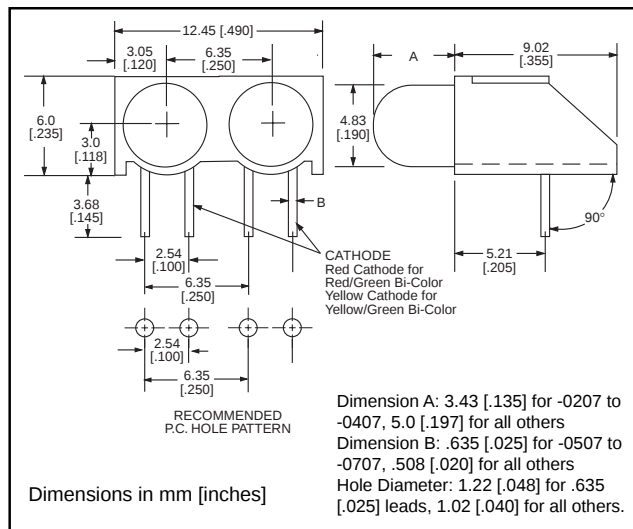


5mm

LED CBI® Circuit Board Indicator Sloped Back Housing, Dual Block

Dialight

550-xx07-002



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
- Dual Block offers reduced insertions
- Compatible with:
 - 550-xx07 single block
 - 550-xx07-004 quad block

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 NO.

GENERAL PURPOSE

550-0207-002
550-0307-002
550-0407-002

COLOR*

Green
Yellow
Red

INTEGRAL RESISTOR

550-0507-002
550-0607-002
550-0707-002
550-0807-002

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

LOW CURRENT

550-1107-002
550-1207-002
550-1307-002

Red
Yellow
Green

HIGH EFFICIENCY

550-2207-002
550-2307-002
550-2407-002
550-2507-002

Green
Yellow
Red
Orange

BI-COLOR

550-3007-002
550-3107-002

Red/Green
Yellow/Green

SUPER BRIGHT, DIFFUSED

550-5107-002
550-5207-002
550-5307-002

Red
Green
Yellow

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

550-5507-002
550-5607-002
550-5707-002

Red
Green
Yellow

* LED 1, LED 2

Reverse Polarity (Cathode Left) option
available. See Part Number Ordering Code.

NEW

PART NUMBER ORDERING CODE

Series LED Type Polarity Option
0 - Standard Cathode Right
1 - Reverse Cathode Left

5 5 0 - x x 0 7 - 0 x 2

Dual Block

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 #
550-0207-002	Green	565	12.3	2.1	20	60°	5ND-9674	6-55
550-0307-002	Yellow	585	12.3	2.1	20	60°	5ND-9673	6-55
550-0407-002	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 #
550-0507-002	Red	655	2	5	13	60°	5RD-9422	6-56
550-0607-002	Red	655	2	12	13	60°	521-9262	6-43
550-0707-002	Green	565	8	5	12	60°	5RD-9423	6-56
550-0807-002	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 #
550-1107-002	Red	635	2	1.8	2	50°	521-9320	6-44
550-1207-002	Yellow	583	1.8	1.9	2	50°	521-9321	6-44
550-1307-002	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 #
550-2207-002	Green	563	10	2.1	10	65°	5HD-9270-5	6-53
550-2307-002	Yellow	585	6.3	2.1	10	50°	5HD-9271-5	6-53
550-2407-002	Red	650	7	2.2	10	50°	5HD-9269	6-53
550-2507-002	Orange	600	7	1.9	10	60°	521-9704	6-45

BI-COLOR

Bi-Color 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 #
550-3007-002	Red/Green	660/565	90/40	1.8/2.1	20	60°	521-9651	6-48
550-3107-002	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 #
550-5107-002	Red	650	34	2.1	20	50°	5SD-9441	6-57
550-5207-002	Green	563	34	2.2	20	50°	5SD-9456	6-57
550-5307-002	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 #
550-5507-002	Red	635	125	2.2	20	24°	521-9464	6-49
550-5607-002	Green	565	120	2.3	20	24°	521-9465	6-49
550-5707-002	Yellow	583	140	2.2	20	24°	521-9466	6-49

Dialight