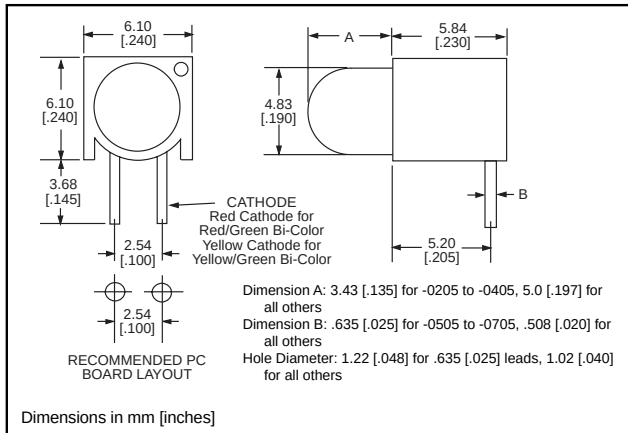


5mm

LED CBI® Circuit Board Indicator Square Back Housing

Dialight

550-xx05



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
- Compatible with:
 - 550-xx05-003 tri-block
 - 550-xx05-004 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

550-0205
550-0305
550-0405

COLOR

Green
Yellow
Red

INTEGRAL RESISTOR

550-0505
550-0605
550-0705
550-0805

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

LOW CURRENT

550-1105
550-1205
550-1305

Red
Yellow
Green

HIGH EFFICIENCY

550-2205
550-2305
550-2405
550-2505

Green
Yellow
Red
Orange

BI-COLOR – 2 LEADS

550-3005
550-3105

Red/Green
Yellow/Green

SUPER BRIGHT, DIFFUSED

550-5105
550-5205
550-5305

Red
Green
Yellow

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

550-5505
550-5605
550-5705

Red
Green
Yellow

PART NUMBER ORDERING CODE

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

Series

LED Type

Reverse Polarity Option
1) Cathode Left

To order any of the 550-xx05 part numbers with Reverse Polarity (Cathode Left), please add -010 to the part numbers shown above.

NEW

-010 Ordering Code Suffix required ONLY for Reverse Polarity Option

550-xx05

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 $2\theta_{1/2}$	LED Data sheet	Page #
550-0205	Green	565	12.3	2.1	20	60°	5ND-9674	6-55
550-0305	Yellow	585	12.3	2.1	20	60°	5ND-9673	6-55
550-0405	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 $2\theta_{1/2}$	LED Data sheet	Page #
550-0505	Red	655	2	5	13	60°	5RD-9422	6-56
550-0605	Red	655	2	12	13	60°	521-9262	6-43
550-0705	Green	565	8	5	12	60°	5RD-9423	6-56
550-0805	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 $2\theta_{1/2}$	LED Data sheet	Page #
550-1105	Red	635	2	1.8	2	50°	521-9320	6-44
550-1205	Yellow	583	1.8	1.9	2	50°	521-9321	6-44
550-1305	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 $2\theta_{1/2}$	LED Data sheet	Page #
550-2205	Green	563	10	2.1	10	65°	5HD-9270-5	6-53
550-2305	Yellow	585	6.3	2.1	10	50°	5HD-9271-5	6-53
550-2405	Red	650	7	2.2	10	50°	5HD-9269	6-53
550-2505	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 $2\theta_{1/2}$	LED Data sheet	Page #
550-3005	Red/Green	660/565	90/40	1.8/2.1	20	60°	521-9651	6-48
550-3105	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 $2\theta_{1/2}$	LED Data sheet	Page #
550-5105	Red	650	34	2.1	20	50°	5SD-9441	6-57
550-5205	Green	563	34	2.2	20	50°	5SD-9456	6-57
550-5305	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 $2\theta_{1/2}$	LED Data sheet	Page #
550-5505	Red	635	125	2.2	20	24°	521-9464	6-49
550-5605	Green	565	120	2.3	20	24°	521-9465	6-49
550-5705	Yellow	583	140	2.2	20	24°	521-9466	6-49

Dialight