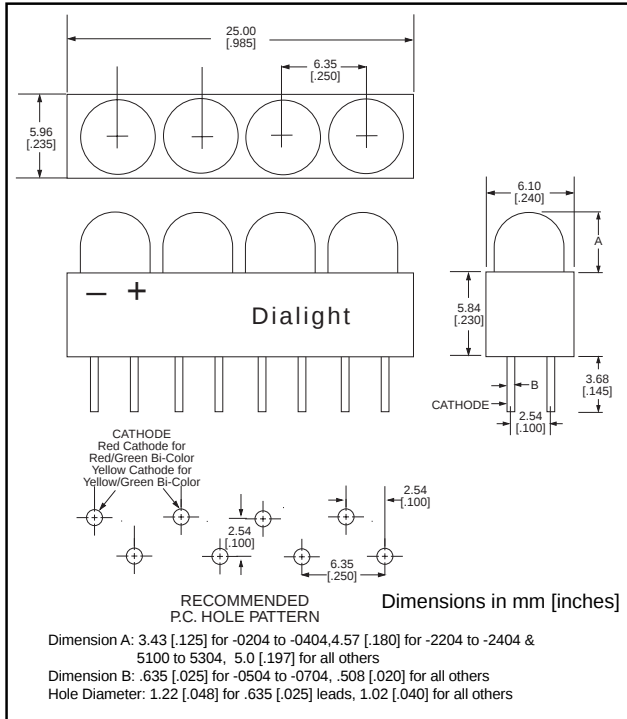


5mm

LED CBI® Circuit Board Indicator Top View, Quad Block

Dialight

550-xx04-004



Standard Polarity shown in drawing: Cathode left

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
- Quad Block reduces insertions
- Compatible with 550-xx04 single-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

550-0204-004
550-0304-004
550-0404-004

INTEGRAL RESISTOR

550-0504-004
550-0604-004
550-0704-004
550-0804-004

LOW CURRENT

550-1104-004
550-1204-004
550-1304-004

HIGH EFFICIENCY

550-2204-004
550-2304-004
550-2404-004
550-2504-004

BI-COLOR

550-3004-004
550-3104-004

SUPER BRIGHT, DIFFUSED

550-5104-004
550-5204-004
550-5304-004

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

550-5504-004
550-5604-004
550-5704-004

COLOR*

Green
Yellow
Red

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

Red
Yellow
Green

Green
Yellow
Red
Orange

Red/Green
Yellow/Green

Red
Green
Yellow

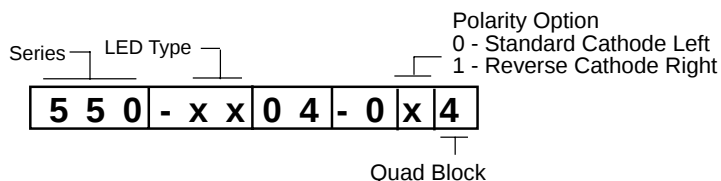
Red
Green
Yellow

* LED 1, LED 2, LED 3, LED 4

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

NEW

PART NUMBER ORDERING CODE



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 #
550-0204-004	Green	565	12.3	2.1	20	60°	5ND-9674	6-55
550-0304-004	Yellow	585	12.3	2.1	20	60°	5ND-9673	6-55
550-0404-004	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 #
550-0504-004	Red	655	2	5	13	60°	5RD-9422	6-56
550-0604-004	Red	655	2	12	13	60°	521-9262	6-43
550-0704-004	Green	565	8	5	12	60°	5RD-9423	6-56
550-0804-004	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 #
550-1104-004	Red	635	2	1.8	2	50°	521-9320	6-44
550-1204-004	Yellow	583	1.8	1.9	2	50°	521-9321	6-44
550-1304-004	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 #
550-2204-004	Green	563	10	2.1	10	65°	5HD-9270-5	6-53
550-2304-004	Yellow	585	6.3	2.1	10	50°	5HD-9271-5	6-53
550-2404-004	Red	650	7	2.2	10	50°	5HD-9269	6-53
550-2504-004	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 $2\Theta_{1/2}$	LED Data sheet	Page #
550-3004-004	Red/Green	660/565	90/40	1.8/2.1	20	60°	521-9651	6-48
550-3104-004	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 #
550-5104-004	Red	650	34	2.1	20	50°	5SD-9441	6-57
550-5204-004	Green	563	34	2.2	20	50°	5SD-9456	6-57
550-5304-004	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 #
550-5504-004	Red	635	125	2.2	20	24°	521-9464	6-49
550-5604-004	Green	565	120	2.3	20	24°	521-9465	6-49
550-5704-004	Yellow	583	140	2.2	20	24°	521-9466	6-49

Dialight