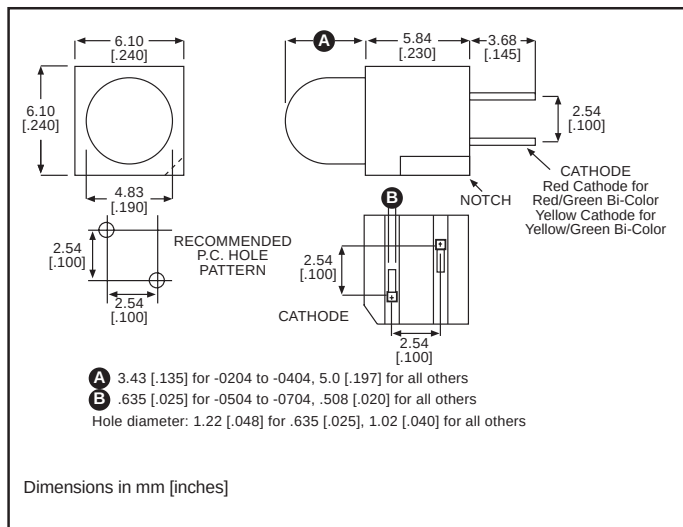


5mm

LED CBI® Circuit Board Indicator Top View, Single

Dialight

550-xx04



Standard Polarity shown in drawing: Cathode same side as notch

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-xx04-004 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

550-0204
550-0304
550-0404

COLOR

Green
Yellow
Red

INTEGRAL RESISTOR

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

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

LOW CURRENT

550-1104
550-1204
550-1304

Red
Yellow
Green

HIGH EFFICIENCY

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

Green
Yellow
Red
Orange

BI-COLOR

550-3004
550-3104

Red/Green
Yellow/Green

SUPER BRIGHT, DIFFUSED

550-5104
550-5204
550-5304

Red
Green
Yellow

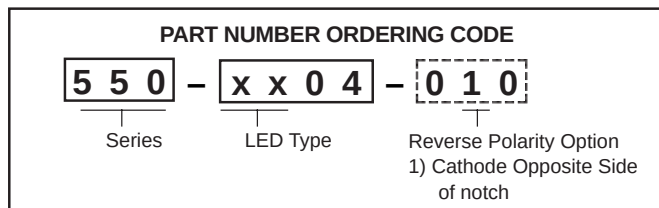
SUPER BRIGHT, WATER CLEAR (Non-tinted, Non-diffused)

550-5504
550-5604
550-5704

Red
Green
Yellow

To order any of the 550-xx04 part numbers with Reverse Polarity (Cathode opposite side of notch), please add -010 to the part numbers shown above.

NEW



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

Dialight