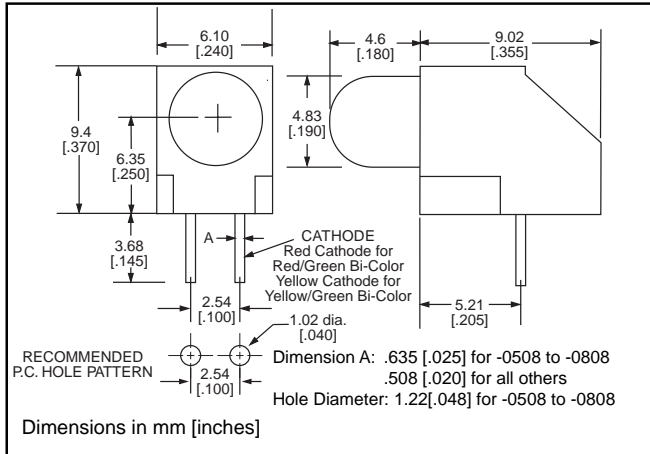


5mm

LED CBI® Circuit Board Indicator
.250" LED Centerline

Dialight

550-xx08



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

Custom

- For custom LEDs contact factory.

LED Data

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

PART NO.

INTEGRAL RESISTOR

- 550-0508
- 550-0608
- 550-0708
- 550-0808

COLOR

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

LOW CURRENT

- 550-1108
- 550-1208
- 550-1308

- Red
- Yellow
- Green

HIGH EFFICIENCY

- 550-2208
- 550-2308
- 550-2408
- 550-2508

- Green
- Yellow
- Red
- Orange

BI-COLOR

- 550-3008
- 550-3108

- Red/Green
- Yellow/Green

SUPER BRIGHT, DIFFUSED

- 550-5108
- 550-5208
- 550-5308

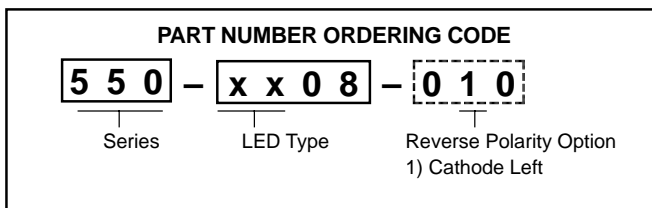
- Red
- Green
- Yellow

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

- 550-5508
- 550-5608
- 550-5708

- Red
- Green
- Yellow

To order any of the 550-xx08 part numbers with Reverse Polarity (Cathode Left), please add -010 to the part numbers shown above.



-010 Ordering Code Suffix required ONLY for Reverse Polarity Option

550-xx08

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

See LED data sheet for additional information

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 #
550-0508	Red	655	2	5	13	60°	5RD-9422	6-56
550-0608	Red	655	2	12	13	60°	521-9262	6-43
550-0708	Green	565	8	5	12	60°	5RD-9423	6-56
550-0808	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 #
550-1108	Red	635	2	1.8	2	50°	521-9320	6-44
550-1208	Yellow	583	1.8	1.9	2	50°	521-9321	6-44
550-1308	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 #
550-2208	Green	563	10	2.1	10	65°	5HD-9270-5	6-53
550-2308	Yellow	585	6.3	2.1	10	50°	5HD-9271-5	6-53
550-2408	Red	650	7	2.2	10	50°	5HD-9269	6-53
550-2508	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 #
550-3008	Red/Green	660/565	90/40	1.8/2.1	20	60°	521-9651	6-48
550-3108	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 #
550-5108	Red	650	34	2.1	20	50°	5SD-9441	6-57
550-5208	Green	563	34	2.2	20	50°	5SD-9456	6-57
550-5308	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 #
550-5508	Red	635	125	2.2	20	24°	521-9464	6-49
550-5608	Green	565	120	2.3	20	24°	521-9465	6-49
550-5708	Yellow	583	140	2.2	20	24°	521-9466	6-49

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Dialight