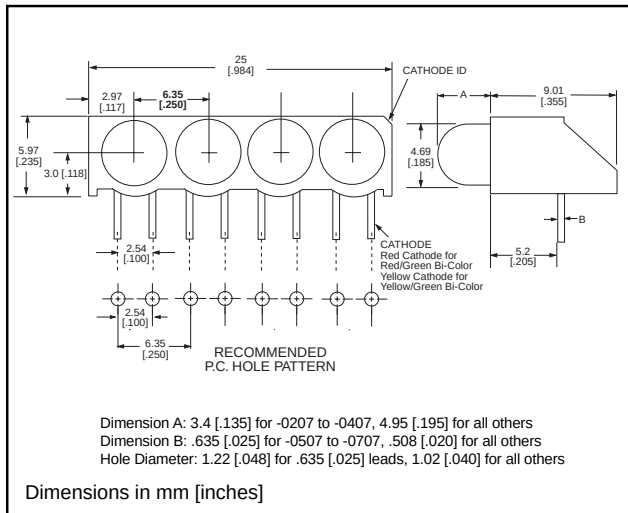


5mm

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

Dialight

550-xx07-004



Standard Polarity shown in drawing: Cathode right

Benefits

- Available with a variety of LEDs
- Housing material meets UL94V-0
- Black housing enhances contrast
- High reliability - life measured in years
- Vibration and shock resistant
- Housing assures proper LED alignment
- Quad Block reduces insertions
- Standoffs on housing facilitate PC board cleaning
- Compatible with:
 - 550-xx07 single-block
 - 550-xx07-002 dual-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

550-0207-004
550-0307-004
550-0407-004

INTEGRAL RESISTOR

550-0507-004
550-0607-004
550-0707-004
550-0807-004

LOW CURRENT

550-1107-004
550-1207-004
550-1307-004

HIGH EFFICIENCY

550-2207-004
550-2307-004
550-2407-004
550-2507-004

BI-COLOR

550-3007-004
550-3107-004

SUPER BRIGHT, DIFFUSED

550-5107-004
550-5207-004
550-5307-004

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

550-5507-004
550-5607-004
550-5707-004

COLOR*

Green
Yellow
Red

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

Red
Yellow
Green

Green
Yellow
Red
Orange

Red/Green
Yellow/Green

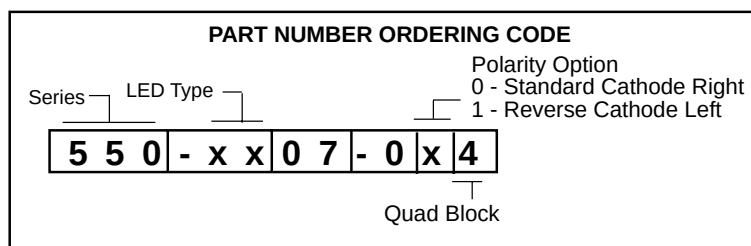
Red
Green
Yellow

Red
Green
Yellow

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

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

NEW



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 #
550-0207-004	Green	565	12.3	2.1	20	60°	5ND-9674	6-55
550-0307-004	Yellow	585	12.3	2.1	20	60°	5ND-9673	6-55
550-0407-004	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 $2\theta_{\frac{1}{2}}$	LED Data sheet	Page #
550-0507-004	Red	655	2	5	13	60°	5RD-9422	6-56
550-0607-004	Red	655	2	12	13	60°	521-9262	6-43
550-0707-004	Green	565	8	5	12	60°	5RD-9423	6-56
550-0807-004	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 $2\theta_{\frac{1}{2}}$	LED Data sheet	Page #
550-1107-004	Red	635	2	1.8	2	50°	521-9320	6-44
550-1207-004	Yellow	583	1.8	1.9	2	50°	521-9321	6-44
550-1307-004	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 $2\theta_{\frac{1}{2}}$	LED Data sheet	Page #
550-2207-004	Green	563	10	2.1	10	65°	5HD-9270-5	6-53
550-2307-004	Yellow	585	6.3	2.1	10	50°	5HD-9271-5	6-53
550-2407-004	Red	650	7	2.2	10	50°	5HD-9269	6-53
550-2507-004	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 $2\theta_{\frac{1}{2}}$	LED Data sheet	Page #
550-3007-004	Red/Green	660/565	90/40	1.8/2.1	20	60°	521-9651	6-48
550-3107-004	Yellow/Green	585/565	8.7/8.7	2.1/2.1	20	50°	521-9724	6-48

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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 #
550-5107-004	Red	650	34	2.1	20	50°	5SD-9441	6-57
550-5207-004	Green	563	34	2.2	20	50°	5SD-9456	6-57
550-5307-004	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 $2\theta_{\frac{1}{2}}$	LED Data sheet	Page #
550-5507-004	Red	635	125	2.2	20	24°	521-9464	6-49
550-5607-004	Green	565	120	2.3	20	24°	521-9465	6-49
550-5707-004	Yellow	583	140	2.2	20	24°	521-9466	6-49

Dialight