

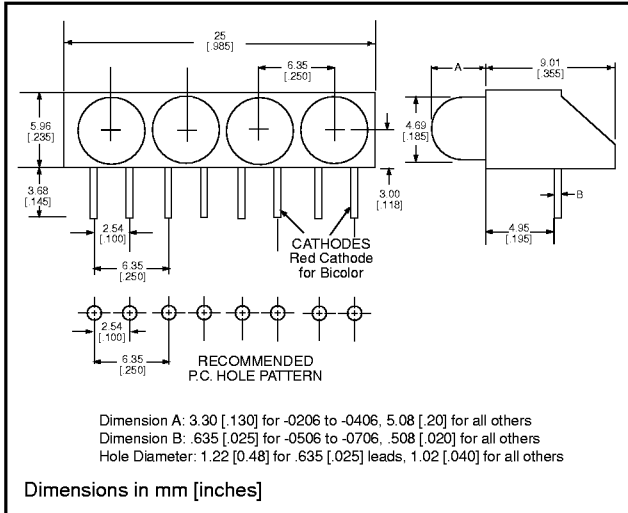
5mm

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

Not Recommended For New Designs

Dialight

550-xx06-004



PART NO.

GENERAL PURPOSE

550-0206-004
 550-0306-004
 550-0406-004

COLOR*

Green
 Yellow
 Red

INTEGRAL RESISTOR

550-0506-004
 550-0606-004
 550-0706-004
 550-0806-004

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

LOW CURRENT

550-1106-004
 550-1206-004
 550-1306-004

Red
 Yellow
 Green

HIGH EFFICIENCY

550-2206-004
 550-2306-004
 550-2406-004

Green
 Yellow
 Red

BI-COLOR

550-3006-004

Red/Green

SUPER BRIGHT, DIFFUSED

550-5106-004
 550-5206-004
 550-5306-004

Red
 Green
 Yellow

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

550-5506-004
 550-5606-004
 550-5706-004

Red
 Green
 Yellow

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

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

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.

**(NOTE: 550-xx07-004 (Pg. 6-36)
 includes standoffs and is recommended
 for replacement and new designs)**

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 #
550-0206-004	Green	565	12.3	2.1	20	60°	5ND-9674	6-55
550-0306-004	Yellow	585	12.3	2.1	20	60°	5ND-9673	6-55
550-0406-004	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 #
550-0506-004	Red	655	2	5	13	60°	5RD-9422	6-56
550-0606-004	Red	655	2	12	13	60°	521-9262	6-43
550-0706-004	Green	565	8	5	12	60°	5RD-9423	6-56
550-0806-004	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 #
550-1106-004	Red	635	2	1.8	2	50°	521-9320	6-44
550-1206-004	Yellow	583	1.8	1.9	2	50°	521-9321	6-44
550-1306-004	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 #
550-2206-004	Green	563	10	2.1	10	65°	5HD-9270-5	6-53
550-2306-004	Yellow	585	6.3	2.1	10	50°	5HD-9271-5	6-53
550-2406-004	Red	650	7	2.2	10	50°	5HD-9269	6-53

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 #
550-3006-004	Red/Green	660/565	90/40	1.8/2.1	20	60°	521-9651	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 #
550-5106-004	Red	650	34	2.1	20	50°	5SD-9441	6-57
550-5206-004	Green	563	34	2.2	20	50°	5SD-9456	6-57
550-5306-004	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 #
550-5506-004	Red	635	125	2.2	20	24°	521-9464	6-49
550-5606-004	Green	565	120	2.3	20	24°	521-9465	6-49
550-5706-004	Yellow	583	140	2.2	20	24°	521-9466	6-49

Dialight