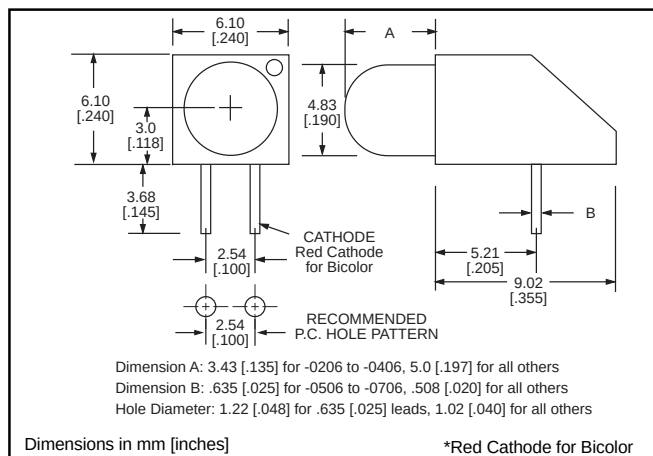


5mm

LED CBI® Circuit Board Indicator Sloped Back Housing

Dialight

550-xx06



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.

(NOTE: 550-xx07 (pg. 6-14) includes standoffs and is recommended for replacement and new designs)

PART NO.

GENERAL PURPOSE

550-0206
550-0306
550-0406

COLOR

Green
Yellow
Red

INTEGRAL RESISTOR

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

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

LOW CURRENT

550-1106
550-1206
550-1306

Red
Yellow
Green

HIGH EFFICIENCY

550-2206
550-2306
550-2406

Green
Yellow
Red

BI-COLOR

550-3006

Red/Green

SUPER BRIGHT, DIFFUSED

550-5106
550-5206
550-5306

Red
Green
Yellow

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

550-5506
550-5606
550-5706

Red
Green
Yellow

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

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 #
550-3006	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	Red	650	34	2.1	20	50°	5SD-9441	6-57
550-5206	Green	563	34	2.2	20	50°	5SD-9456	6-57
550-5306	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	Red	635	125	2.2	20	24	521-9464	6-49
550-5606	Green	565	120	2.3	20	24	521-9465	6-49
550-5706	Yellow	583	140	2.2	20	24	521-9466	6-49

Dialight