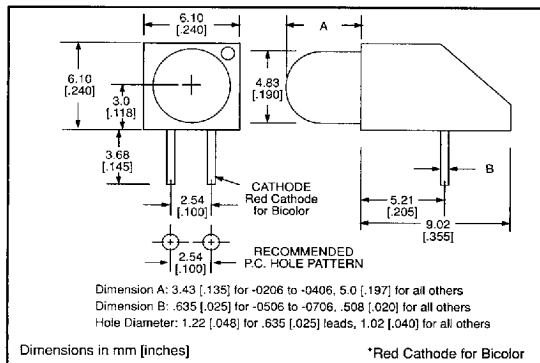


5mm**LED CBI® Circuit Board Indicator
Sloped Back Housing****Not Recommended For New Designs****Dialight****550-xx06****Benefits**

- Available with a variety of LEDs
- Housing material meets UL94 V-0
- Black case 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. 6-13) includes standoffs and is recommended for replacement and new designs)

LED		
<u>PART NO.</u>	<u>COLOR</u>	<u>DATA SHEET</u>
STANDARD EFFICIENCY		
550-0206	Green	5ND-xxxx
550-0306	Yellow	
550-0406	Red	
INTEGRAL RESISTOR		
550-0506	Red, 5V	5RD-xxxx
550-0606	Red, 12V	
550-0706	Green, 5V	
550-0806	Yellow, 5V	
LOW CURRENT, 2mA		
550-1106	Red	5LD-xxxx
550-1206	Yellow	
550-1306	Green	
HIGH EFFICIENCY		
550-2206	Green	5HD-xxxx
550-2306	Yellow	
550-2406	Red	
BICOLOR		
550-3006	Red/Green	5BD-xxxx
SUPER BRIGHT, DIFFUSED		
550-5106	Red	5SD-xxxx
550-5206	Green	
550-5306	Yellow	
SUPER BRIGHT, WATER CLEAR (Non-tinted, Non-diffused)		
550-5506	Red	5SW-xxxx
550-5606	Green	
550-5706	Yellow	

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

See LED data sheet for additional information

STANDARD EFFICIENCY

Part Number	Color	Wavelength nm	I _v mcd	V _F Volts	Test Current (mA)	Viewing Angle $\Theta_{1/2}$	LED Data sheet
550-0206	Green	565	12.3	2.1	20	30°	5ND-xxxx
550-0306	Yellow	585	12.3	2.1	20	30°	
550-0406	Red	635	12.3	2.0	20	30°	

INTEGRAL RESISTOR

Part Number	Color	Wavelength nm	I _v mcd	Test Voltage	Forward Current (mA)	Viewing Angle $\Theta_{1/2}$	LED Data sheet
550-0506	Red, 5V	655	2.0	5	13	30°	5RD-xxxx
550-0606	Red, 12V	655	2.0	12	13	30°	
550-0706	Green, 5V	565	8.0	5	12	30°	
550-0806	Yellow, 5V	583	8.0	5	10	30°	

LOW CURRENT, 2mA

Part Number	Color	Wavelength nm	I _v mcd	V _F Volts	Test Current (mA)	Viewing Angle $\Theta_{1/2}$	LED Data sheet
550-1106	Red	635	2.0	1.8	2	25°	5LD-xxxx
550-1206	Yellow	583	1.8	1.9	2	25°	
550-1306	Green	565	1.8	1.8	2	25°	

HIGH EFFICIENCY

Part Number	Color	Wavelength nm	I _v mcd	V _F Volts	Test Current (mA)	Viewing Angle $\Theta_{1/2}$	LED Data sheet
550-2206	Green	563	10	2.1	10	32.5°	5HD-xxxx
550-2306	Yellow	585	6.3	2.1	10	25°	
550-2406	Red	650	7.0	2.2	10	25°	

BICOLOR

Bicolor data shown as red/green

Part Number	Color	Wavelength nm	I _v mcd	V _F Volts	Test Current (mA)	Viewing Angle $\Theta_{1/2}$	LED Data sheet
550-3006	Red/Green	660/565	14/6	1.75/2.0	10	70°	5BD-xxxx

SUPER BRIGHT, DIFFUSED

Part Number	Color	Wavelength nm	I _v mcd	V _F Volts	Test Current (mA)	Viewing Angle $\Theta_{1/2}$	LED Data sheet
550-5106	Red	650	34	2.1	20	25°	5SD-xxxx
550-5206	Green	563	34	2.1	20	25°	
550-5306	Yellow	585	34	2.2	20	25°	

SUPER BRIGHT, WATER CLEAR (NON-TINTED, NON-DIFFUSED)

Part Number	Color	Wavelength nm	I _v mcd	V _F Volts	Test Current (mA)	Viewing Angle $\Theta_{1/2}$	LED Data sheet
550-5506	Red	635	125	2.2	20	±12	5SW-xxxx
550-5606	Green	565	120	2.3	20	±12	
550-5706	Yellow	583	140	2.2	20	±12	

