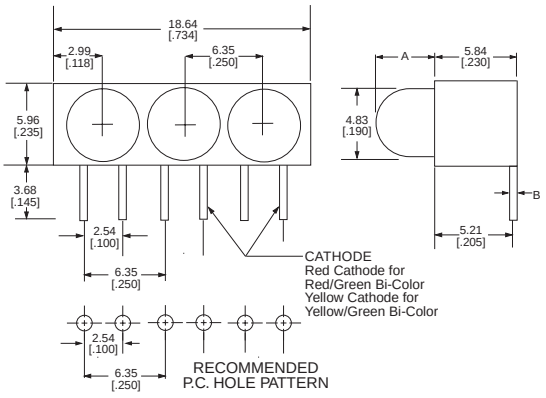
5mm
LED CBI® Circuit Board Indicator
Square Back Housing, Tri-Block

Dialight

550-xx05-003



Dimension A: 3.43 [.135] for -0205 to -0405, 5.0 [.197] for all others
Dimension B: .635 [.025] for -0505 to -0705, .508 [.020] for all others
Hole Diameter: 1.22 [.048] for .635 [.025] leads, 1.02 [.040] for all others

Dimensions in mm [inches]

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
- Tri-Block reduces insertions
- Compatible with:
  550-xx05 single-block
  550-xx05-004 quad-block

Custom Combinations

- Contact factory for information on custom color combinations

LED Data

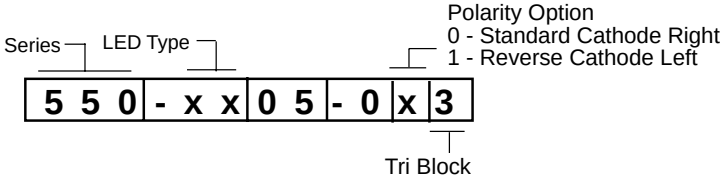
- For absolute maximum ratings and other electrical/optical data refer to LED data sheet.

PART NO.	COLOR*
GENERAL PURPOSE	
550-0205-003	Green
550-0305-003	Yellow
550-0405-003	Red
INTEGRAL RESISTOR	
550-0505-003	Red, 5V
550-0605-003	Red, 12V
550-0705-003	Green, 5V
550-0805-003	Yellow, 5V
LOW CURRENT	
550-1105-003	Red
550-1205-003	Yellow
550-1305-003	Green
HIGH EFFICIENCY	
550-2205-003	Green
550-2305-003	Yellow
550-2405-003	Red
550-2505-003	Orange
BI-COLOR	
550-3005-003	Red/Green
550-3105-003	Yellow/Green
SUPER BRIGHT, DIFFUSED	
550-5105-003	Red
550-5205-003	Green
550-5305-003	Yellow
SUPER BRIGHT, WATER CLEAR (Non-tinted, Non-diffused)	
550-5505-003	Red
550-5605-003	Green
550-5705-003	Yellow

* LED 1, LED 2, LED 3

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

PART NUMBER ORDERING CODE



Typical Operating Characteristics (T_A=25°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 2Θ½	LED Data sheet	Page #
550-0205-003	Green	565	12.3	2.1	20	60°	5ND-9674	6-55
550-0305-003	Yellow	585	12.3	2.1	20	60°	5ND-9673	6-55
550-0405-003	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 2Θ½	LED Data sheet	Page #
550-0505-003	Red	655	2	5	13	60°	5RD-9422	6-56
550-0605-003	Red	655	2	12	13	60°	521-9262	6-43
550-0705-003	Green	565	8	5	12	60°	5RD-9423	6-56
550-0805-003	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 2Θ½	LED Data sheet	Page #
550-1105-003	Red	635	2	1.8	2	50°	521-9320	6-44
550-1205-003	Yellow	583	1.8	1.9	2	50°	521-9321	6-44
550-1305-003	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 2Θ½	LED Data sheet	Page #
550-2205-003	Green	563	10	2.1	10	65°	5HD-9270-5	6-53
550-2305-003	Yellow	585	6.3	2.1	10	50°	5HD-9271-5	6-53
550-2405-003	Red	650	7	2.2	10	50°	5HD-9269	6-53
550-2505-003	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 2Θ½	LED Data sheet	Page #
550-3005-003	Red/Green	660/565	90/40	1.8/2.1	20	60°	521-9651	6-48
550-3105-003	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 2Θ½	LED Data sheet	Page #
550-5105-003	Red	650	34	2.1	20	50°	5SD-9441	6-57
550-5205-003	Green	563	34	2.2	20	50°	5SD-9456	6-57
550-5305-003	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 2Θ½	LED Data sheet	Page #
550-5505-003	Red	635	125	2.2	20	24°	521-9464	6-49
550-5605-003	Green	565	120	2.3	20	24°	521-9465	6-49
550-5705-003	Yellow	583	140	2.2	20	24°	521-9466	6-49