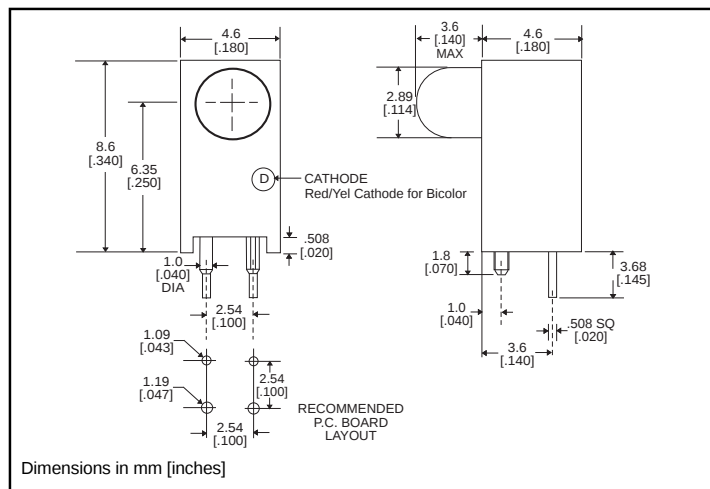


3mm

LED CBI® Circuit Board Indicator .250" High LED Centerline

Dialight

551-xx03



Standard Polarity shown in drawing: Cathode right

Benefits

- Available with a variety of LEDs
- Housing material UL94V-0 rated
- Black housing enhances contrast
- High reliability – life measured in years
- Vibration and shock resistant
- Dual locating pins assure proper LED alignment
- Standoffs on housing facilitate PC board cleaning
- Locating pins provide stability during soldering

LED Data

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

PART NO.

HIGH EFFICIENCY

551-0203
551-0303
551-0403
551-2503

COLOR

Green
Yellow
Red
Orange

INTEGRAL RESISTOR, 5V

551-0503
551-0603
551-0703

Red
Green
Yellow

LOW CURRENT

551-1103
551-1203
551-1303

Red
Yellow
Green

BI-COLOR

551-3003
551-3103

Red/Green
Yellow/Green

To order any of the 551-xx03 part numbers with Reverse Polarity (Cathode Left), please add -010 to the part numbers shown above.

NEW

PART NUMBER ORDERING CODE

5 5 1 - x x 0 3 - 0 1 0

Series

LED Type

Reverse Polarity Option
1) Cathode Left

-010 Ordering Code Suffix required ONLY for Reverse Polarity Option

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

See LED data sheet for additional information

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 #
551-0203	Green	563	16	2.1	10	45°	521-9408	4-63
551-0303	Yellow	585	6.3	2.1	10	45°	521-9428	4-63
551-0403	Red	650	10	2	10	45°	521-9427	4-63
551-2503	Orange	600	6.5	2.2	10	60°	521-9498	4-53

INTEGRAL RESISTOR, 5V

Part Number	Color	Peak Wavelength nm	I_V mcd	Test Voltage	Forward Current (mA)	Viewing Angle $2\Theta_{1/2}$	LED Data sheet	Page #
551-0503	Red	635	4	5	10	60°	521-9215	4-54
551-0603	Green	565	8	5	12	60°	521-9323	4-54
551-0703	Yellow	583	8	5	10	60°	521-9322	4-54

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 #
551-1103	Red	635	1.8	1.8	2	50°	521-9324	4-55
551-1203	Yellow	583	1.6	1.9	2	50°	521-9325	4-55
551-1303	Green	565	1.6	1.8	2	50°	521-9326	4-55

BI-COLOR

Bicolor data shown as red/green or yellow/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 #
551-3003	Red/Green	635/565	5	2	10	50°	521-9459	4-58
551-3103	Yel/Green	585/565	4.3/6.3	2.1*/2.1*	10	80°	521-9478	4-57

* $I_F = 20\text{mA}$