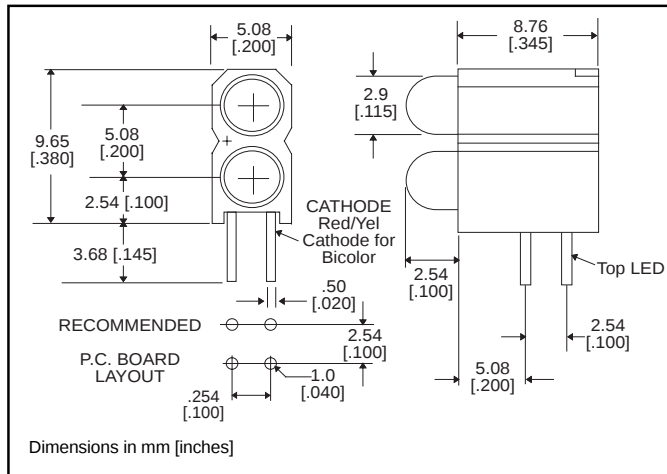


3mm

LED CBI® Circuit Board Indicator Bi-level

Dialight

553-xxxx-300



Standard Polarity shown in drawing: Cathode right

Benefits

- Available with a variety of LEDs
- Standoffs on housing facilitate PC board cleaning
- Bi-level design conserves board space
- Black housing enhances contrast
- High reliability - life measured in years
- Housing meets UL 94V-0
- Vibration and shock resistant
- Housing assures proper LED alignment
- Single PC Board insertion 2 LEDs
- Compatible with 553-xxxx-306 bi-level array

Custom Combinations

- Contact factory for information on custom bi-level arrays and color combinations.

LED Data

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

PART NO.

HIGH EFFICIENCY - LED TYPE 01

553-0111-300
553-0122-300
553-0133-300
553-0177-300

COLOR*

Red
Green
Yellow
Orange

LOW CURRENT - LED TYPE 02

553-0211-300
553-0222-300
553-0233-300

Red
Green
Yellow

RESISTOR 5V - LED TYPE 03

553-0311-300
553-0322-300
553-0333-300

Red
Green
Yellow

BI-COLOR - LED TYPE 07

553-0711-300
553-0744-300

Red/Green
Yellow/Green

NON-DIFFUSED - LED TYPE 22

553-2211-300
553-2222-300
553-2233-300

Red
Green
Yellow

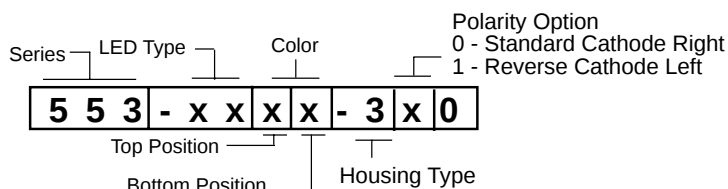
* Top-Bottom LED

REVERSE POLARITY OPTION AVAILABLE

See Part Number Ordering Code below.

NEW

PART NUMBER ORDERING CODE



Color = 0) Blank 1) Red or Red/Green Bicolor 2) Green 3) Yellow 4) Yellow/Green Bicolor 7) Orange



CLICK HERE

To Construct Custom Color Combinations of This Part

Typical Operating Characteristics (T_A=25°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 2Θ _{1/2}	LED Data sheet	Page #
553-0111-300	Red	650	10	2	10	45°	521-9427	4-63
553-0122-300	Green	563	16	2.1	10	45°	521-9408	4-63
553-0133-300	Yellow	585	6.3	2.1	10	45°	521-9428	4-63
553-0177-300	Orange	600	6.5	2.2	10	60°	521-9498	4-53

LOW CURRENT

Part Number	Color	Peak Wavelength nm	I _V mcd	V _F Volts	Test Current (mA)	Viewing Angle 2Θ _{1/2}	LED Data sheet	Page #
553-0211-300	Red	635	1.8	1.8	2	50°	521-9324	4-55
553-0222-300	Green	565	1.6	1.8	2	50°	521-9326	4-55
553-0233-300	Yellow	583	1.6	1.9	2	50°	521-9325	4-55

INTEGRAL RESISTOR, 5V

Part Number	Color	Peak Wavelength nm	I _V mcd	Test Voltage	Forward Current (mA)	Viewing Angle 2Θ _{1/2}	LED Data sheet	Page #
553-0311-300	Red	635	4	5	10	60°	521-9215	4-54
553-0322-300	Green	565	8	5	12	60°	521-9323	4-54
553-0333-300	Yellow	583	8	5	10	60°	521-9322	4-54

4

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 2Θ _{1/2}	LED Data sheet	Page #
553-0711-300	Red/Green	635/565	5	2	10	50°	521-9459	4-58
553-0744-300	Yellow/Green	585/565	4.3/6.3	2.1*/2.1*	10	80°	521-9478	4-57

* I_F = 20mA

NON-DIFFUSED

Part Number	Color	Peak Wavelength nm	I _V mcd	V _F Volts	Test Current (mA)	Viewing Angle 2Θ _{1/2}	LED Data sheet	Page #
553-2211-300	Red	635	12	2.2	10	45°	521-9432	4-56
553-2222-300	Green	565	12	2.3	10	45°	521-9430	4-56
553-2233-300	Yellow	583	12	2.2	10	45°	521-9431	4-56

Dialight