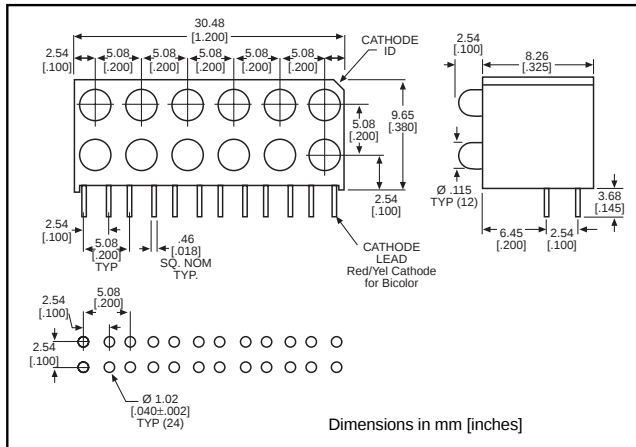


3mm

LED CBI® Circuit Board Indicator Bi-level Array

Dialight

553-XXXX-306



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 12 LEDs
- Compatible with 553-xxxx-300 bi-level series

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 sheets

PART NO.

HIGH EFFICIENCY - LED TYPE 01

553-0111-306
553-0122-306
553-0133-306
553-0177-306

COLOR*

Red
Green
Yellow
Orange

LOW CURRENT - LED TYPE 02

553-0211-306
553-0222-306
553-0233-306

Red
Green
Yellow

RESISTOR 5V - LED TYPE 03

553-0311-306
553-0322-306
553-0333-306

Red
Green
Yellow

BI-COLOR - LED TYPE 07

553-0711-306
553-0744-306

Red/Green
Yellow/Green

NON-DIFFUSED - LED TYPE 22

553-2211-306
553-2222-306
553-2233-306

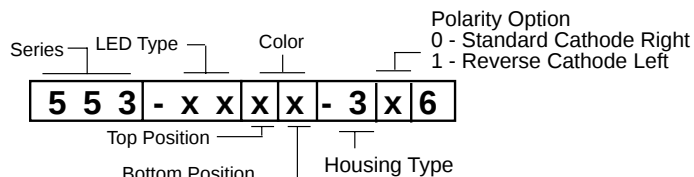
Red
Green
Yellow

* Top Position - Bottom Position

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

553-xxxx-306

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 #
553-0111-306	Red	650	10	2	10	45°	521-9427	4-63
553-0122-306	Green	563	16	2.1	10	45°	521-9408	4-63
553-0133-306	Yellow	585	6.3	2.1	10	45°	521-9428	4-63
553-0177-306	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 #
553-0211-306	Red	635	1.8	1.8	2	50°	521-9324	4-55
553-0222-306	Green	565	1.6	1.8	2	50°	521-9326	4-55
553-0233-306	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 #
553-0311-306	Red	635	4	5	10	60°	521-9215	4-54
553-0322-306	Green	565	8	5	12	60°	521-9323	4-54
553-0333-306	Yellow	583	8	5	10	60°	521-9322	4-54

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 #
553-0711-306	Red/Green	635/565	5	2	10	50°	521-9459	4-58
553-0744-306	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 #
553-2211-306	Red	635	12	2.2	10	45°	521-9432	4-56
553-2222-306	Green	565	12	2.3	10	45°	521-9430	4-56
553-2233-306	Yellow	583	12	2.2	10	45°	521-9431	4-56