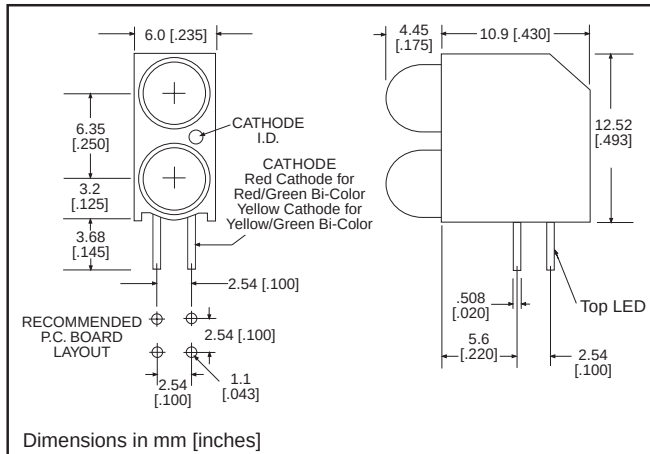


5mm

LED CBI® Circuit Board Indicator Bi-level

Dialight

552-0xxx



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 material meets UL94V-0
- Vibration and shock resistant
- Housing assures proper LED alignment
- Single PC Board insertion of 2 LEDs

Custom Combinations

- Contact factory for information on custom color combinations and ganged arrays

LED Data

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

PART NO.

COLOR*

HIGH EFFICIENCY, LED TYPE 02

552-0211	Red
552-0222	Green
552-0233	Yellow
552-0277	Orange

INTEGRAL RESISTOR, LED TYPE 03

552-0311	Red
552-0322	Green
552-0333	Yellow

BI-COLOR, LED TYPE 07

552-0711	Red/Green
552-0744	Yellow/Green



SUPER BRIGHT, LED TYPE 08

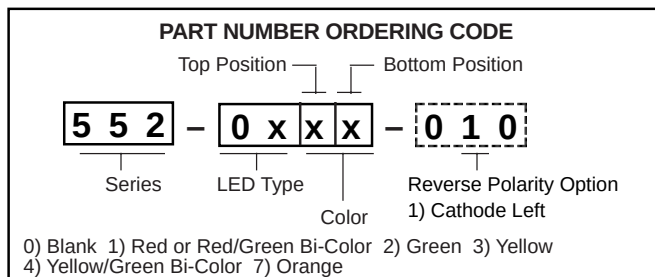
552-0811	Red
552-0822	Green
552-0833	Yellow

LOW CURRENT, LED TYPE 09

552-0911	Red
552-0922	Green
552-0933	Yellow

* Top-Bottom LED

To order any of the 552-0xxx part numbers with Reverse Polarity (Cathode Left), please add -010 to the part numbers shown above.



-010 Ordering Code Suffix required ONLY for Reverse Polarity Option



CLICK HERE

To Construct Custom Color Combinations of This Part

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 #
552-0211	Red	650	7	2.2	10	50°	5HD-9269	6-53
552-0222	Green	563	10	2.1	10	65°	5HD-9270-5	6-53
552-0233	Yellow	585	6.3	2.1	10	50°	5HD-9271-5	6-53
552-0277	Orange	600	7	1.9	10	60°	521-9704	6-45

INTEGRAL RESISTOR

Part Number	Color	Peak Wavelength nm	I_V mcd	Test Voltage	Forward Current (mA)	Viewing Angle $2\theta_{1/2}$	LED Data sheet	Page #
552-0311	Red	655	2	5	13	60°	5RD-9422	6-56
552-0322	Green	565	8	5	12	60°	5RD-9423	6-56
552-0333	Yellow	583	8	5	10	60°	521-9284	6-43

BI-COLOR

Data shown as Red/Green or Yellow/Green as applicable

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 #
552-0711	Red/Green	660/565	90/40	1.8/2.1	20	60°	521-9651	6-48
552-0744	Yellow/Green	585/565	8.7/8.7	2.1/2.1	20	50°	521-9724	6-48

SUPER BRIGHT

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 #
552-0811	Red	650	34	2.1	20	50°	5SD-9441	6-57
552-0822	Green	563	34	2.2	20	50°	5SD-9456	6-57
552-0833	Yellow	585	34	2.2	20	50°	5SD-9455	6-57

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 #
552-0911	Red	635	2	1.8	2	50°	521-9320	6-44
552-0922	Green	565	1.8	1.8	2	50°	521-9327	6-44
552-0933	Yellow	583	1.8	1.9	2	50°	521-9321	6-44