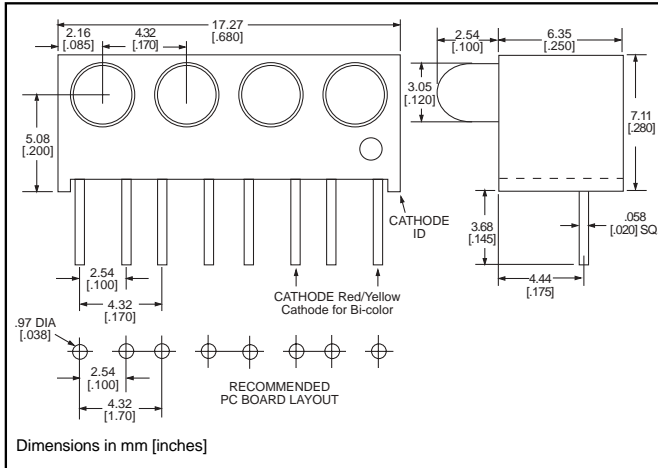


3mm

# LED CBI® Circuit Board Indicator Quad, .200" High LED Centerline



## 551-xx07-004



Standard Polarity shown in drawing: Cathode right

### Features

- Multiple CBIs form horizontal LED arrays on 4.32mm (0.170") center-lines
- High Contrast, UL 94 V-0 rated, black housing
- Oxygen index: 31.5%
- Polymer content: PBT, 0.875 g
- Housing stand-offs facilitate PCB cleaning
- Solderability per MIL-STD-202F, method 208F
- LEDs are safe for direct viewing per IEC 825-1, EN-60825-1
- Compatible with:  
551-xx07

### Tolerance note: As noted, otherwise:

- LED Protrusion:  $\pm 0.04$  mm [ $\pm 0.016$ ]
- CBI Housing:  $\pm 0.02$ mm [ $\pm 0.008$ ]

### PART NO.

#### HIGH EFFICIENCY

- 551-0207-004
- 551-0307-004
- 551-0407-004
- 551-2507-004

### COLOR\*

- Green
- Yellow
- Red
- Orange

#### INTEGRAL RESISTOR, 5 VOLTS

- 551-0507-004
- 551-0607-004
- 551-0707-004

- Red
- Green
- Yellow

#### LOW CURRENT

- 551-1107-004
- 551-1207-004
- 551-1307-004

- Red
- Yellow
- Green

#### BI-COLOR

- 551-3007-004
- 551-3107-004

- Red/Green
- Yellow/Green

\* LED 1, LED 2, LED 3, LED 4

### REVERSE POLARITY OPTION AVAILABLE

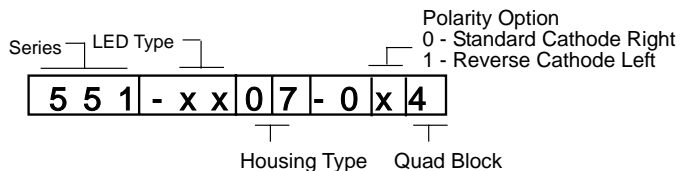
See Part Number Ordering Code below.

### Custom Combinations

- Contact factory for information on custom color combinations

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### PART NUMBER ORDERING CODE



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

See LED data sheet for additional information  
See page 4-70 and 4-71 for Reference Only LED Drive Circuit Examples. See page 4-72 for Pin Out

### HIGH EFFICIENCY

Part Number	Color	Peak Wavelength nm	$I_V$ mcd	$V_F$ Volts	Test Current (mA)	Viewing Angle $2\theta_{\%}$	LED Data sheet	Page #
551-0207-004	Green	563	16	2.1	10	45°	521-9408	4-64
551-0307-004	Yellow	585	6.3	2.1	10	45°	521-9428	4-64
551-0407-004	Red	650	10	2	10	45°	521-9427	4-64
551-2507-004	Orange	600	7	2.2	10	60°	521-9498	4-58

### INTEGRAL RESISTOR, 5 VOLTS

Part Number	Color	Peak Wavelength nm	$I_V$ mcd	Test Voltage	Forward Current (mA)	Viewing Angle $2\theta_{\%}$	LED Data sheet	Page #
551-0507-004	Red	635	29	5	10	60°	521-9215	4-59
551-0607-004	Green	565	19	5	10	60°	521-9323	4-59
551-0707-004	Yellow	585	12.6	5	10	60°	521-9322	4-59

### LOW CURRENT

Part Number	Color	Peak Wavelength nm	$I_V$ mcd	$V_F$ Volts	Test Current (mA)	Viewing Angle $2\theta_{\%}$	LED Data sheet	Page #
551-1107-004	Red	635	1.6	1.7	2	60°	521-9324	4-60
551-1207-004	Yellow	585	1.6	1.8	2	60°	521-9325	4-60
551-1307-004	Green	565	1.6	1.9	2	60°	521-9326	4-60

### BI-COLOR

Part Number	Color	Peak Wavelength nm	$I_V$ mcd	$V_F$ Volts	Test Current (mA)	Viewing Angle $2\theta_{\%}$	LED Data sheet	Page #
551-3007-004	Red/Green	635/565	4.7/10	2/2.1	10	50°	521-9459	4-63
551-3107-004	Yellow/Green	585/565	4.3/6.3	2.1*/2.1*	10	80°	521-9478	4-62

\*  $I_F = 20\text{mA}$