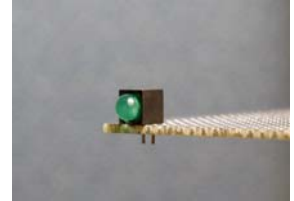


Part Number: **5503505F**

General Description

Series	550
Configuration	5 mm Lens
Description	5 mm Red-Green Bi-Color CBI 3 Leads CC
Package Options	Bulk Packaging
Sizes	5mm
Lamp Type	Bi-Color
Viewing	Right Angle
Polarity	Common Cathode
Lens Style	Non-Diffused
LED Centerline	3.00



Absolute Maximum Ratings (Ta = 25°)

Solder Temperature	260° for 5 sec
Operating Temperature	-20 to +85
Storage Temperature	-55 to +100



This is a
RoHS Compliant Product
[To learn more click here](#)

Operating Characteristics

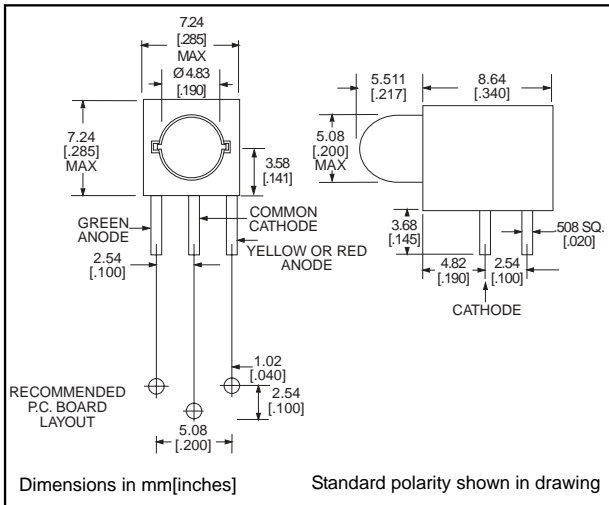
		
Color	Red	Green
Luminous Intensity Min	2.1	4.2
Luminous Intensity Typical	5	8
Emitted Color	Red	Green
Power Dissipation Max	135mW	135mW

5mm

LED CBI® Circuit Board Indicator
3 Leaded, Bi-Color, Common Cathode



550-3x05



PART NO.

550-3505
550-3605

COLOR

Red/Green
Yellow/Green

To order any of the 550-3x05 part numbers with Reverse Polarity (Green Anode Right; Yellow or Red Anode Left), please add -010 to the part numbers shown above. **NEW**

Features

- Common Cathode simplifies design, and the red/green LED provides yellow-orange as a third color
- Multiple CBIs form horizontal LED arrays on 7.24mm (0.285") center-lines.
- High Contrast, UL 94 V-0 rated, black housing
- Oxygen index: 32%
- Polymer content: PBT, 0.462 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

Tolerance note: As noted, otherwise:

- LED Protrusion: ±0.04 mm [±0.016]
- CBI Housing: ±0.02mm[±0.008]

PART NUMBER ORDERING CODE

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

Reverse Polarity Option
1) Green Anode Right;
Yellow or Red Anode Left

-010 Ordering Code Suffix required ONLY for Reverse Polarity Option

Typical Operating Characteristics (T_A=25°C)

See LED data sheet for additional information

See page 6-55 and 6-56 for Reference Only LED Drive Circuit Examples. See page 6-57 for Pin Out

Part Number	Color	Peak Wavelength nm	I _v mcd	V _F Volts	Test Current (mA)	Viewing Angle 2θ%	LED Data sheet	Page #
550-3505	Red/Green	635/565	5/8	2.1/2.3	10	65°	521-9450	6-45
550-3605	Yellow/Green	583/565	5/8	2.1/2.1	10	65°	521-9460	6-45