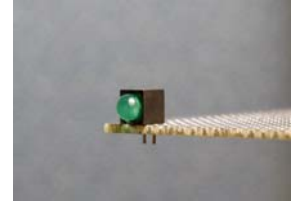


Part Number: **5503505F**

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

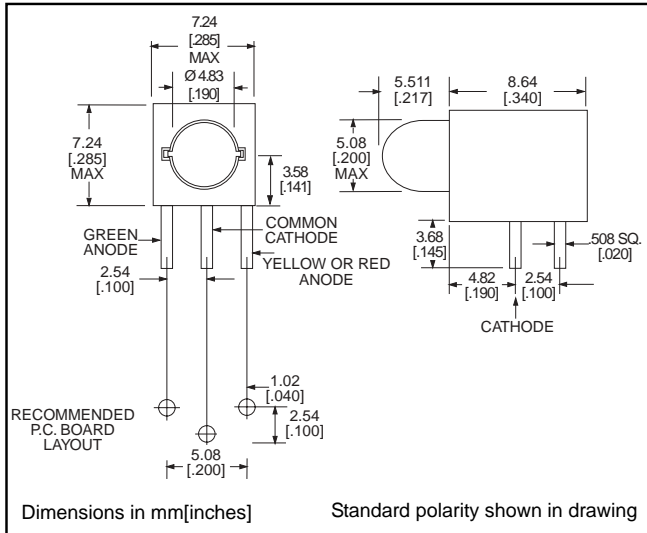
| |  |  |
|----------------------------|---|---|
| Color | Red | Green |
| Luminous Intensity Min | 2.1 | 4.2 |
| Luminous Intensity Typical | 5 | 8 |
| Emitted Color | Red | Green |
| Power Dissipation Max | 135mW | 135mW |

5mm

LED CBI® Circuit Board Indicator 3 Ledged, 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.

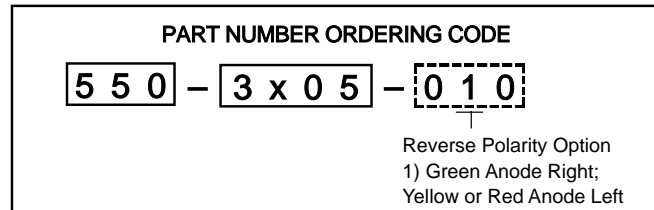


Features

- 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]



-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 _½ | 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 |