

Part Number: **5554303F**


### General Description

Series	555
Configuration	2 mm Lens
Description	2 mm Green 5V Integral Resistor Quad CBI
Package Options	Bulk Packaging
Sizes	2mm
Lamp Type	Single Color
Viewing	Right Angle
Polarity	Cathode Right
Lens Style	Non-Diffused

### Absolute Maximum Ratings (Ta = 25°)

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

### Operating Characteristics

Color	 Green
Luminous Intensity Min	1
Luminous Intensity Typical	3
Test Current mA	5V
Emitted Color	Green

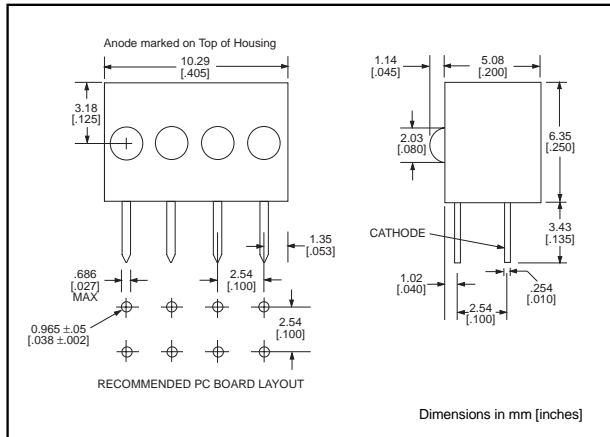


This is a  
RoHS Compliant Product  
[To learn more click here](#)

# 2mm LED CBI® Circuit Board Indicator Quad

# Dialight

## 555-4xxx



### PART NO.

### COLOR

#### GENERAL PURPOSE

555-4001  
555-4301  
555-4401

Red  
Green  
Yellow

#### INTEGRAL RESISTOR, 5 VOLTS

555-4003  
555-4007  
555-4009  
555-4303  
555-4403

Red  
Red  
Red  
Green  
Yellow

### Features

- Multiple CBIs form horizontal LED arrays on 2.54mm (0.100") center-lines
- High Contrast, UL 94 V-0 rated, black housing
- Oxygen index: 31.5%
- Polymer content: PBT, 0.280 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: 555-2xxx Single Block

### Custom Combinations

- Contact factory for information on custom color combinations

### Tolerance note: As noted, otherwise:

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

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

See LED data sheet for additional information

#### GENERAL PURPOSE

See Page 3-17 and 3-18 for Reference Only LED Drive Circuit Examples

See Page 3-19 for Pin Out

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 #
555-4001	Red	650	1.2	1.6	20	40°	2ND-9412	3-14
555-4301	Green	565	1	2.4	20	40°	2ND-9414	3-14
555-4401	Yellow	583	2	2.2	20	40°	2ND-9416	3-14

#### INTEGRAL RESISTOR, 5 VOLTS

Part Number	Color	Peak Wavelength nm	$I_V$ mcd	$I_F$ mA	Test Voltage	Viewing Angle $2\theta_{1/2}$	LED Data sheet	Page #
555-4003	Red	650	1.9	6	5	40°	2RD-9614	3-15
555-4007	Red	650	.9	3	5	40°	2RD-9613	3-15
555-4009	Red	650	.6	1	5	40°	2RD-9618	3-15
555-4303	Green	565	2.5	4.7	5	40°	2RD-9615	3-15
555-4403	Yellow	583	2.1	4.7	5	40°	2RD-9616	3-15