

Part Number: **5680704444F**

### General Description

Series	568
Configuration	3 mm Lens
Description	3 mm Quad-Level CBI Y/G-Y/G-Y/G-Y/G
Package Options	Bulk Packaging
Sizes	3mm
Lamp Type	Quad Level Housing
Viewing	Right Angle
Polarity	Cathode Right
Lens Style	Untinted, Diffused
Viewing Angle	80
LED Centerline	2.54mm

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

Solder Temperature	260 for 5 secs
Operating Temperature	-55 to +100
Storage Temperature	-55 to +100

### Operating Characteristics

	LED Position: 1-4	
	Yellow	Green
Color	Yellow	Green
Peak Wave Length	585	565
Luminous Intensity Min	2.5	2.5
Luminous Intensity Typical	4.3	6.3
Forward Voltage Typical	2.1	2.1
Forward Voltage Max	2.8	2.8
Power Dissipation Max	60mW	100mW



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

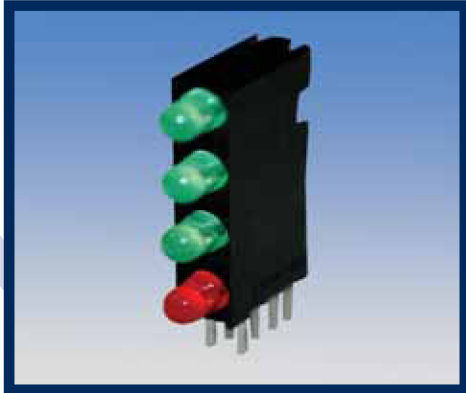
# Dialight

## 568 Series

### 3mm LED CBI®

### Circuit Board Indicator

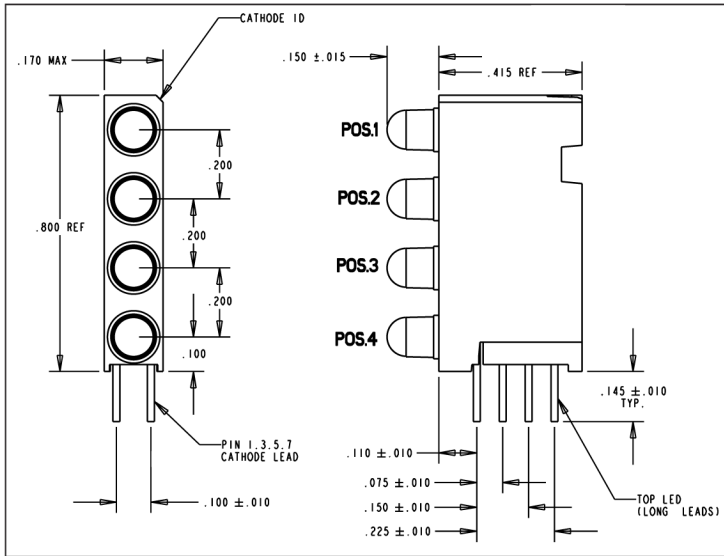
### QUAD-LEVEL



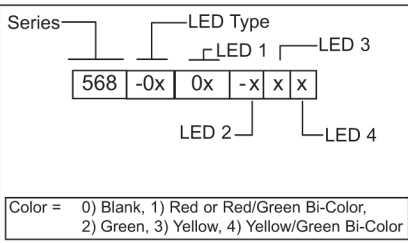
## FEATURES / BENEFITS

- ▲ Multiple CBIs form horizontal LED arrays on 1.91 mm (0.075") center lines.
- ▲ High Contrast, UL 94 V-0 rated, black housing
- ▲ Oxygen index: 32%
- ▲ Polymer content: PBT, 0.949 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

PART NUMBER	COLOR*
<b>HIGH EFFICIENCY - LED TYPE 1</b>	
568-0101-111	RED/RED/RED/RED
568-0102-222	GREEN/GREEN/GREEN/GREEN
568-0102-323	GREEN/YELLOW/GREEN/YELLOW
568-0103-232	YELLOW/GREEN/YELLOW/GREEN
<b>LOW CURRENT - LED TYPE 2</b>	
568-0201-111	RED/RED/RED/RED
568-0202-222	GREEN/GREEN/GREEN/GREEN
568-0202-323	GREEN/YELLOW/GREEN/YELLOW
568-0203-232	YELLOW/GREEN/YELLOW/GREEN
<b>INTEGRAL RESISTOR, 5 VOLTS - LED TYPE 3</b>	
568-0301-111	RED/RED/RED/RED
568-0302-222	GREEN/GREEN/GREEN/GREEN
568-0302-323	GREEN/YELLOW/GREEN/YELLOW
568-0303-232	YELLOW/GREEN/YELLOW/GREEN
<b>BI-COLOR - LED TYPE 7</b>	
568-0701-111	RED/GREEN-RED/GREEN-RED/GREEN-RED/GREEN
568-0704-444	YELLOW/GREEN-YELLOW/GREEN-YELLOW/GREEN-YELLOW/GREEN



### PART NUMBER ORDERING CODE

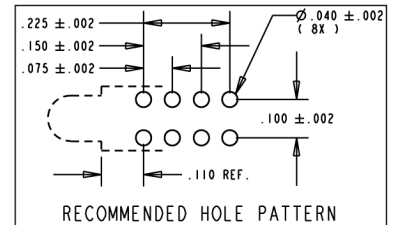


\* LED 1, LED 2, LED 3, LED 4

### Tolerance note:

- As noted, otherwise:
- LED Protrusion:  $\pm 0.4$  mm [ $\pm 0.016$ ]
  - CBI Housing:  $\pm 0.2$ mm [ $\pm 0.008$ ]

Contact factory for information on custom color combinations.





**3mm LED CBI® Circuit Board Indicator  
Quad-Level**

**OPERATING CHARACTERISTICS (TA= 25°C)**

**HIGH EFFICIENCY - LED TYPE 1**

Part Number	Color	Peak Wavelength (nm)	Iv mcd	V <sub>F</sub> volts	Test Current (mA)	Viewing Angle 2∅ 1/2
568-010x-xxx	Red	635	10.0	2	10	60°
	Green	565	12.6	2.1	10	60°
	Yellow	585	10.0	2.1	10	60°

**LOW CURRENT - LED TYPE 2**

Part Number	Color	Peak Wavelength (nm)	Iv mcd	V <sub>F</sub> volts	Test Current (mA)	Viewing Angle 2∅ 1/2
568-020x-xxx	Red	635	1.6	1.7	2	60°
	Green	565	1.6	1.9	2	60°
	Yellow	585	1.6	1.8	2	60°

**INTEGRAL RESISTOR, 5 VOLTS - LED TYPE 3**

Part Number	Color	Peak Wavelength (nm)	Iv mcd	Test Voltage	Test Current (mA)	Viewing Angle 2∅ 1/2
568-010x-xxx	Red	635	4	5	10	60°
	Green	565	8	5	12	60°
	Yellow	583	8	5	10	60°

**BI-COLOR - LED TYPE 7**

Part Number	Color	Peak Wavelength (nm)	Iv mcd	V <sub>F</sub> volts	Test Current (mA)	Viewing Angle 2∅ 1/2
568-070x-xxx	Green/Red	565/635	10.0/4.7	2.1/2.0	10/10	60°
	Green/Yellow	565/585	6.3/4.3	2.1/2.1	10/10	60°

**DIALIGHT RESERVES THE RIGHT TO MAKE CHANGES AT ANY TIME IN ORDER TO SUPPLY THE BEST PRODUCT POSSIBLE.**

