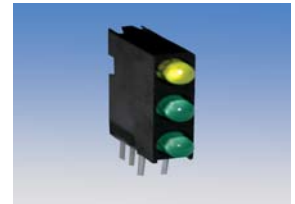


Part Number: **5640100999F**

### General Description

Series	564
Configuration	3 mm Lens
Description	3 mm Blue/Blue/Blue Tri-Level CBI Diffused
Package Options	Bulk Packaging
Sizes	3mm
Lamp Type	Tri-Level Housing
Viewing	Right Angle
Polarity	Cathode Right
Lens Style	Untinted, Diffused
Viewing Angle	70
LED Centerline	5.0mm



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

Derating	0.44 (mA/degC)
Reverse Voltage	5
Solder Temperature	260 for 5 secs
Operating Temperature	-55 to +100
Storage Temperature	-55 to +100



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

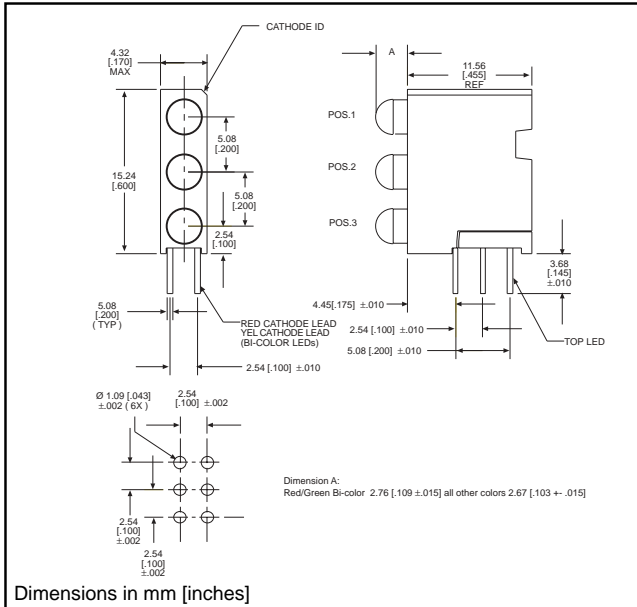
### Operating Characteristics

Color	Blue
LED Type	High Efficiency
Peak Wave Length	428
LED Position	1,2,3
Luminous Intensity Min	7.1
Luminous Intensity Typical	12.5
Forward Voltage Typical	3.5
Forward Voltage Max	4.1
<b>Test Current mA</b>	<b>20mA</b>
<b>Power Dissipation Max</b>	<b>90mW</b>

# 3mm LED CBI® Circuit Board Indicator Tri-Level

# Dialight

## 564-0x00-xxx



### Features

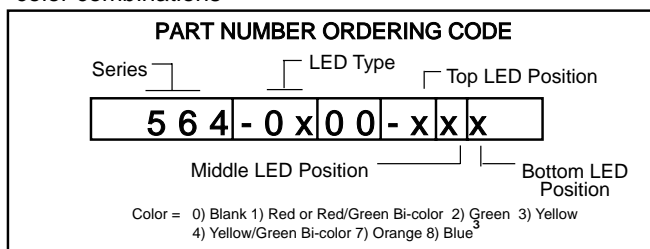
- Multiple CBIs form horizontal LED arrays on 4.45mm (0.175") center-lines.
- High Contrast, UL 94 V-0 rated, black housing
- Oxygen index: 29%
- Polymer content: PBT, 0.078 g
- Housing stand-offs facilitate PCB cleaning
- Solderability per MIL-STD-202F, method 208F
- LEDs are safe for direct viewing per IEC 825-1, EN-60825-1

### Tolerance note: As noted, otherwise:

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

### Custom Combinations

- Contact factory for information on custom color combinations



### PART NO.

### COLOR\*

#### HIGH EFFICIENCY - LED TYPE 01

- 564-0100-111 Red-Red-Red
- 564-0100-132 Red-Yellow-Green
- 564-0100-222 Green-Green-Green
- 564-0100-777 Orange-Orange-Orange
- 564-0100-999 Blue-Blue-Blue



#### LOW CURRENT - LED TYPE 02

- 564-0200-111 Red-Red-Red
- 564-0200-132 Red-Yellow-Green
- 564-0200-222 Green-Green-Green

#### INTEGRAL RESISTOR, 5 VOLTS - LED TYPE 03

- 564-0300-111 Red-Red-Red
- 564-0300-132 Red-Yellow-Green
- 564-0300-222 Green-Green-Green



#### BI-COLOR - LED TYPE 07

- 564-0700-111 Red/Green-Red/Green-Red/Green
- 564-0700-444 Yellow/Green-Yellow/Green-Yellow/Green

\* Top-Middle-Bottom LED



**ATTENTION**  
OBSERVE PRECAUTIONS  
FOR HANDLING  
ELECTROSTATIC  
SENSITIVE  
DEVICES