

Part Number: **5640200111F**


### General Description

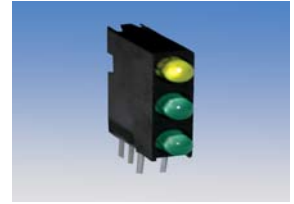
Series	564
Configuration	3 mm Lens
Description	3 mm Red/Red/Red Tri-Level CBI Diffused, Low Current
Package Options	Bulk Packaging
Sizes	3mm
Lamp Type	Tri-Level Housing
Viewing	Right Angle
Polarity	Cathode Right
Lens Style	Tinted, Diffused
Viewing Angle	60
LED Centerline	5.0mm

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

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

### Operating Characteristics

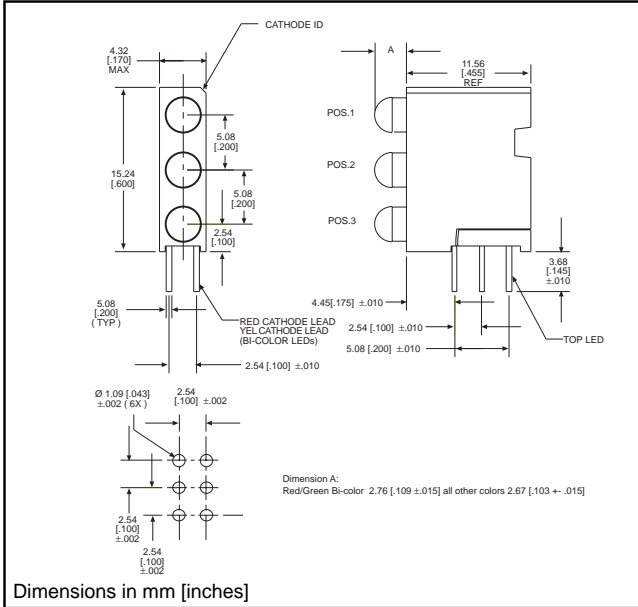
Color	 Red
LED Type	Low Current
Peak Wave Length	635
LED Position	1,2,3
Luminous Intensity Min	1
Luminous Intensity Typical	1.6
Forward Voltage Typical	1.7
Forward Voltage Max	2.2
Test Current mA	20mA
<b>Power Dissipation Max</b>	<b>20mW</b>



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

**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 [ $\pm 0.008$ ]

**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**

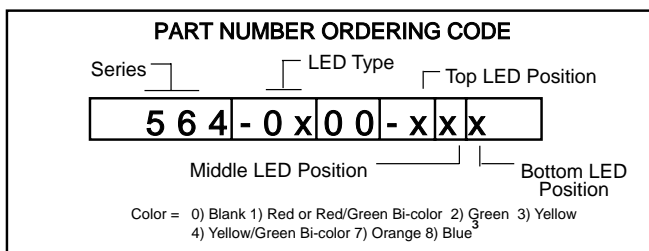
- 564-0300-111 Red-Red-Red
- 564-0300-132 Red-Yellow-Green
- 564-0300-222 Green-Green-Green

**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

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