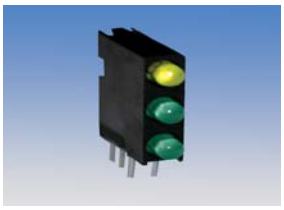
Part Number: **5640100777F**

## General Description



| | |
|---|---|
| Series | 564 |
| Configuration | 3 mm Lens |
| Description | 3 mm Orange/Orange/Orange Tri-Level CBI Diffused |
| 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 |

This is a
RoHS Compliant Product
To learn more click here

## Absolute Maximum Ratings (Ta = 25°)

| | |
|---|---|
| Reverse Current | 100 @ Vr = 5V |
| Derating | 0.5 (mA/degC) |
| Reverse Voltage | 5 |
| Solder Temperature | 260 for 5 secs |
| Operating Temperature | -55 to +100 |
| Storage Temperature | -55 to+100 |

## Operating Characteristics

| | |
|---|---|
| Color | Orange |
| LED Type | High Efficiency |
| Peak Wave Length | 600 |
| LED Position | 1,2,3 |
| Luminous Intensity Min | 3.4 |
| Luminous Intensity Typical | 7 |
| Forward Voltage Typical | 1.9 |

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| | |
|---|---|
| Forward Voltage Max | 2.4 |
| Test Current mA | 20mA |
| Power Dissipation Max | 135mW |

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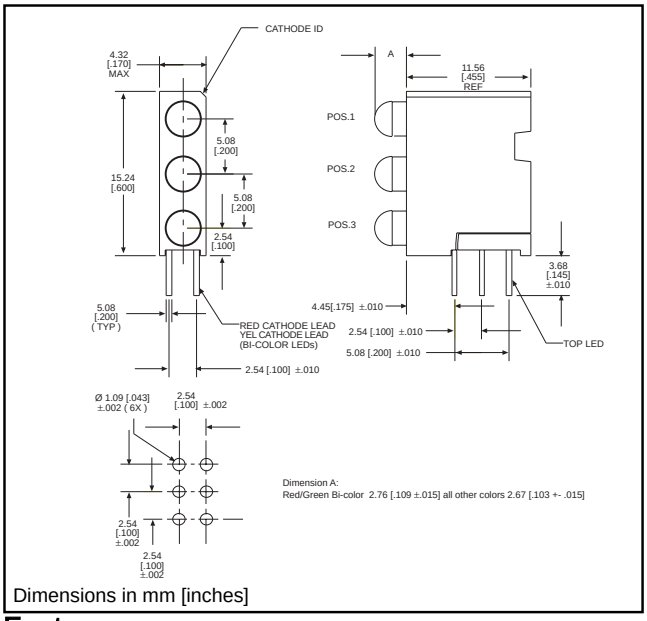
# 3mm
# LED CBI® Circuit Board Indicator
# Tri-Level

**Dialight**

# 564-0x00-xxx




Dimensions in mm [inches]

## 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: ±0.04 mm [±0.016]
- CBI Housing: ±0.02mm[±0.008]

## Custom Combinations

- Contact factory for information on custom color combinations

**PART NUMBER ORDERING CODE**

Series | LED Type | Top LED Position

5 6 4 - 0 x | 0 0 | - x | x | x

Middle LED Position | Bottom LED Position

Color = 0) Blank 1) Red or Red/Green Bi-color 2) Green 3) Yellow 4) Yellow/Green Bi-color 7) Orange 8) Blue[3]

| 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 NEW |
| **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

4

3 ATTENTION
OBSERVE PRECAUTIONS FOR HANDLING ELECTROSTATIC SENSITIVE DEVICES



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