



## 558 SERIES Snap-In LED

.156" (3.96 mm) Mounting Hole

### MECHANICAL / SPECIFICATIONS

MOUNTING HOLE SIZE:  
0.155–0.158" (3.94–4.01 mm)

MAX PANEL THICKNESS:  
0.031–0.062" (.787–1.57 mm)

MOUNTING TORQUE: N / A

VOLTAGE OPTIONS:  
1.8–3.3VDC typical,  
5VDC typical (resistor included)

OPERATING TEMP: See table

STORAGE TEMP:  
-55 °C to +100 °C (-67 °F to +212 °F)

ELECTRICAL CONNECTION:  
Straight terminals for wire wrapping  
or 26 AWG lead wire

HOUSING:  
Valox UL94V-0  
and enhances LED contrast

CONNECTORS:  
Available upon request

TERMINALS:  
Available upon request

### CERTIFICATIONS & RATINGS

RoHS Compliant

*ESD classifications listed by  
individual LED code*

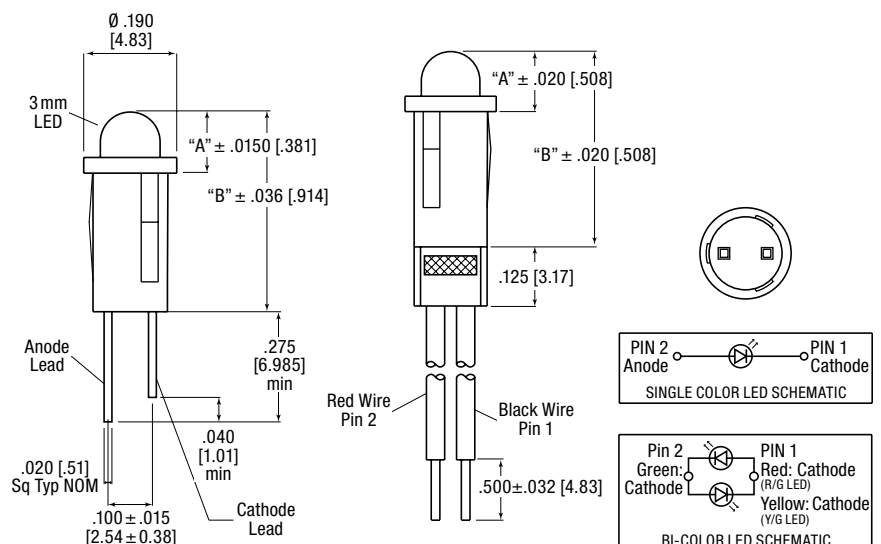
*Items with integral resistors not ESD sensitive*

### APPLICATION

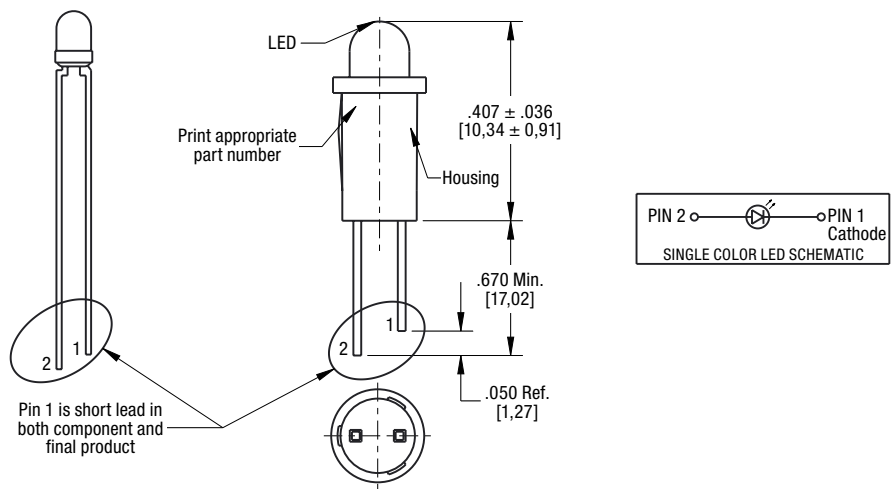
Dialight's 558 Series LED panel mount indicator is available with a variety of LEDs including AlInGaP and InGaN technology for high brightness applications, bi-color and integral resistors. These indicators are designed for a variety of applications such as:

- Fan tray assemblies
- Data center infrastructure (servers and storage)
- Networking equipment (switches and routers)
- Storage networking hardware (fiber channel host bus adapter cards)
- Next-Gen wireless infrastructure
- Electronic test and measurement instruments
- Communications testing equipment

### DIMENSIONS inches [mm]



DIMENSIONS inches [mm]



LED DETAIL BEFORE CUTTING

## ORDERING INFORMATION

| Part Number Guide |   |   |   |                         |   |   |                       |   |   | RoHS Compliant |   |   |   |
|-------------------|---|---|---|-------------------------|---|---|-----------------------|---|---|----------------|---|---|---|
| 5                 | 5 | 8 | - | X                       | X | X | X                     | - | 0 | X              | X | F |   |
|                   |   |   |   | LED Code<br>(see below) |   |   | Wire Code             |   |   |                |   |   |   |
|                   |   |   |   |                         |   |   | Standard              |   | 0 |                |   |   |   |
|                   |   |   |   |                         |   |   | PVC Free              |   | 2 |                |   |   |   |
|                   |   |   |   |                         |   |   | Termination Code      |   |   |                |   |   |   |
|                   |   |   |   |                         |   |   | Long Terminals        |   |   |                |   |   | 0 |
|                   |   |   |   |                         |   |   | Trimmed Terminals     |   |   |                |   |   | 1 |
|                   |   |   |   |                         |   |   | 26 AWG 6" wire leads  |   |   |                |   |   | 3 |
|                   |   |   |   |                         |   |   | 26 AWG 14" wire leads |   |   |                |   |   | 7 |

ESD Footnote Codes:  
Part Number Guide  
All HBM Values

| LED Code             | Class | Color             | Peak Wavelength (nm) | Intensity Typ. (mcd) | If Typ. (mA) | Vf Typ. (VDC) | Viewing Angle | Max DC Forward Current (mA) | Type                      | Operating Temp    | DIM "A" | DIM "B" |
|----------------------|-------|-------------------|----------------------|----------------------|--------------|---------------|---------------|-----------------------------|---------------------------|-------------------|---------|---------|
| <a href="#">0102</a> |       | ● Red             | 635                  | 29                   | 12           | 5             | 60            | 15                          | 5V Integral Resistor      | -40 °C to +85 °C  | 0.101   | 0.381   |
| <a href="#">0202</a> |       | ● Green           | 565                  | 19                   | 12           | 5             | 60            | 15                          |                           |                   |         |         |
| <a href="#">0302</a> |       | ● Yellow          | 585                  | 12.6                 | 12           | 5             | 60            | 15                          |                           |                   |         |         |
| <a href="#">3001</a> | 1C    | ●● Red / Green    | 630/565              | 5.6/8.7 @10mA        | 10/20        | 1.9/2.0 @20mA | 200           | 30/30                       | Bi-Color                  | -55 °C to +100 °C | 0.101   | 0.381   |
| <a href="#">3101</a> | 1C    | ●● Red / Green    | 660/565              | 12.6/3.7             | 20           | 1.6/2.1       | 200           | 40/30                       |                           |                   |         |         |
| <a href="#">3201</a> | 1C    | ●● Yellow / Green | 585/565              | 5.8/12.3             | 10           | 2.1/2.1       | 80            | 20/30                       |                           |                   |         |         |
| <a href="#">0101</a> | 1C    | ● Red             | 635                  | 8.7                  | 10           | 2             | 60            | 30                          | High Efficiency Diffused  | -25 °C to +85 °C  | 0.111   | 0.391   |
| <a href="#">0201</a> | 1C    | ● Green           | 565                  | 12.6                 | 10           | 2.1           | 60            | 30                          |                           |                   |         |         |
| <a href="#">0301</a> | 1C    | ● Yellow          | 585                  | 8.7                  | 10           | 2.1           | 60            | 20                          |                           | -55 °C to +85 °C  | 0.101   | 0.381   |
| <a href="#">0401</a> | 3B    | ● Orange          | 600                  | 7                    | 10           | 1.9           | 60            | 25                          |                           |                   |         |         |
| <a href="#">1801</a> | 1C    | ● Red             | 660                  | 60                   | 20           | 1.8           | 60            | 40                          | Low Current Diffused      | -55 °C to +100 °C | 0.107   | 0.387   |
| <a href="#">0803</a> | 1B    | ● Blue            | 468                  | 57                   | 10           | 3.2           | 100           | 30                          |                           |                   |         |         |
| <a href="#">1101</a> | 1C    | ● Red             | 635                  | 2.4                  | 2            | 1.7           | 60            | 7                           |                           |                   |         |         |
| <a href="#">1201</a> | 1C    | ● Yellow          | 585                  | 1.4                  | 2            | 1.8           | 60            | 7                           | Non-Tinted / Non-Diffused | -55 °C to +100 °C | 0.101   | 0.381   |
| <a href="#">1301</a> | 1C    | ● Green           | 565                  | 1.6                  | 2            | 1.9           | 60            | 7                           |                           |                   |         |         |
| <a href="#">0501</a> | 1C    | ● Green           | 565                  | 70                   | 20           | 2.1           | 45            | 30                          |                           |                   |         |         |
| <a href="#">0601</a> | 3B    | ● Yellow          | 592                  | 200                  | 20           | 1.9           | 45            | 50                          |                           |                   |         |         |
| <a href="#">0701</a> | 1C    | ● Red             | 660                  | 170                  | 20           | 1.8           | 45            | 40                          | Non-Tinted / Non-Diffused | -40 °C to +100 °C | 0.101   | 0.381   |
| <a href="#">6003</a> | 1B    | ● Blue            | 468                  | 520                  | 20           | 3.3           | 45            | 30                          |                           |                   |         |         |
| <a href="#">6403</a> | 1B    | ○ White           | Y=.31<br>Y=.32       | 3000                 | 20           | 3.3           | 45            | 30                          |                           |                   |         |         |
| <a href="#">1501</a> | 1C    | ● Green           | 565                  | 40                   | 10           | 2.1           | 45            | 30                          | Tinted / Non-Diffused     | -55 °C to +100 °C | 0.101   | 0.381   |
| <a href="#">1601</a> | 1C    | ● Yellow          | 585                  | 70                   | 20           | 2.1           | 45            | 20                          |                           |                   |         |         |
| <a href="#">1701</a> | 1C    | ● Red             | 660                  | 170                  | 20           | 1.8           | 45            | 40                          |                           |                   |         |         |
| <a href="#">6203</a> | 1B    | ● Green           | 518                  | 85                   | 2            | 2.1           | 100           | 30                          | White Diffused            | -45 °C to +85 °C  |         |         |



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