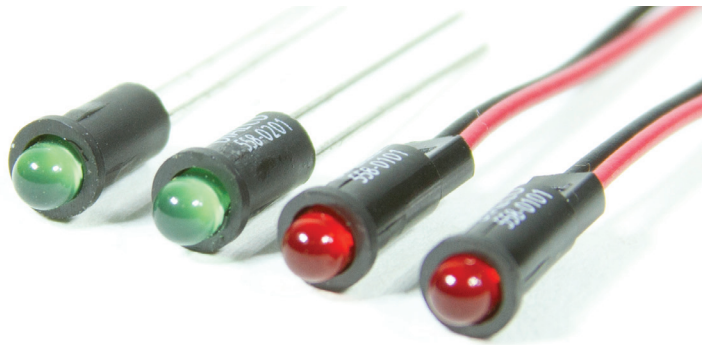
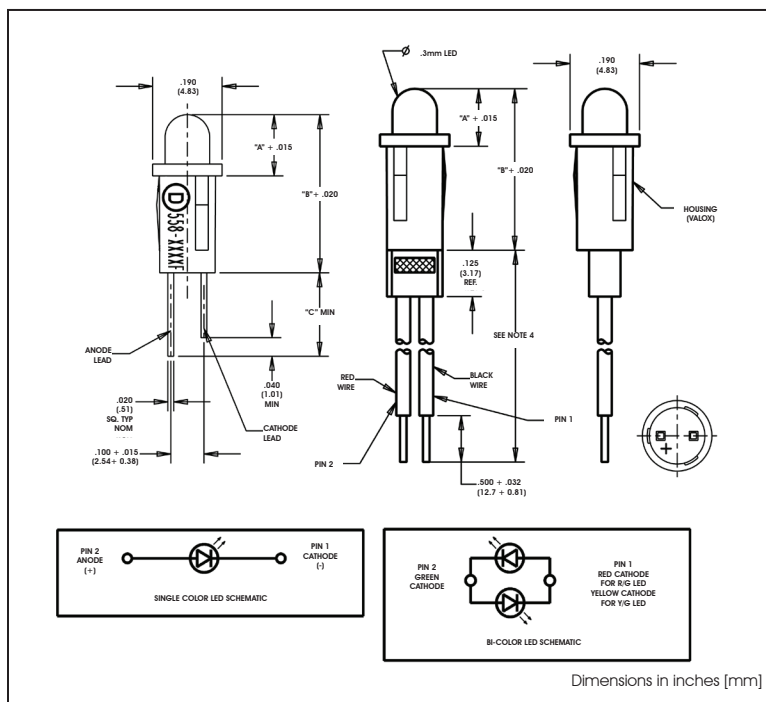




## 558 Series Snap-in LED - .156" Mounting Hole Panel Mount Indicators



### Features & Benefits

- RoHS compliant
- Long life - typically 100K hours
- Low power consumption - uses up to 90% less energy than an incandescent indicator
- Front panel snap-in mounting requires no additional hardware
- No heat generated
- Resistant to shock and vibration
- Termination - straight terminals for wire wrapping or lead wire for soldering or optional terminals
- Available with PVC-free lead wires

### 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, bicolor and integral resistors. These indicators are designed for a variety of applications such as:

- Fan tray assemblies
- Datacenter Infrastructure (Servers and Storage)
- Networking Equipment (Switches and routers)
- Storage Networking Hardware (Fibre channel host bus adapter cards)
- Next-Gen Wireless Infrastructure
- Electronic Test & Measurement Instruments
- Communications Testing Equipment
- Process controls
- Automation
- Medical Equipment
- Handheld devices

### Mechanical Information

Mounting Hole Size: 0.155 - 0.158" (3.94 - 4.01 mm)

Max Panel Thickness: 0.031 - 0.062" (.787 - 1.57 mm)

### Electrical specifications

Operating Voltage: 1.8 - 3.3 VDC typical (current limiting resistor required)  
5 VDC typical (resistor not required)

Operating Temp: See table

Storage Temp: (-67°F to +212°F) -55°C to +100°C

Electrical connection: Straight terminals for wire wrapping or either 6 or 14 inch 26 AWG lead wire

Leads: Straight leads  
2 leads

### Construction

Housing: Black housing material meets:  
UL94V-0 and enhances LED contrast

# 558 Series

## Snap-in LED - .156" Mounting Hole • Panel Mount Indicators

5 5 8 - XXXX - 0 X X F

LED Code

Wire Code

Termination  
Code

RoHS Compliant

| Wire Code | Wire Type |
|-----------|-----------|
| 0         | Standard  |
| 2         | PVC Free  |

| Termination Code | Termination Type      |
|------------------|-----------------------|
| 1                | Straight Terminals    |
| 3                | 24 AWG 6" wire leads  |
| 7                | 24 AWG 14" wire leads |

| LED Code | Color        | Peak Wavelength (nm) | Intensity Typ. (mcd) | If Typ. (mA) | Vf Typ. (V)   | Viewing Angle | Max DC Forward Current (mA) | Type                     | Operating Temp  | DIM "A" | DIM "B" |
|----------|--------------|----------------------|----------------------|--------------|---------------|---------------|-----------------------------|--------------------------|-----------------|---------|---------|
| 0102     | Red          | 635                  | 29                   | 12           | 5             | 60            | 7.5 Vf                      | 5V Integral Resistor     | -40°C to +85°C  | 0.101   | 0.381   |
| 0202     | Green        | 565                  | 19                   | 12           | 5             | 60            | 7.5 Vf                      | 5V Integral Resistor     | -40°C to +85°C  | 0.101   | 0.381   |
| 0302     | Yellow       | 585                  | 12.6                 | 12           | 5             | 60            | 7.5 Vf                      | 5V Integral Resistor     | -40°C to +85°C  | 0.101   | 0.381   |
| 3001     | 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   |
| 3101     | Red/Green    | 660 / 565            | 12.6 / 3.7           | 20           | 1.8 / 2.1     | 200           | 40 / 30                     | Bi-Color                 | -55°C to +100°C | 0.101   | 0.381   |
| 3201     | Yellow/Green | 585 / 565            | 5.8/12.3             | 10           | 2.1 / 2.1     | 80            | 20 / 30                     | Bi-Color                 | -55°C to +100°C | 0.101   | 0.381   |
| 0101     | Red          | 650                  | 10                   | 10           | 2             | 40            | 20                          | High Efficiency Diffused | -25°C to +85°C  | 0.111   | 0.391   |
| 0201     | Green        | 563                  | 16                   | 10           | 2.1           | 40            | 25                          | High Efficiency Diffused | -25°C to +85°C  | 0.111   | 0.391   |
| 0301     | Yellow       | 585                  | 16                   | 10           | 2.1           | 40            | 20                          | High Efficiency Diffused | -25°C to +85°C  | 0.111   | 0.391   |
| 0401     | Orange       | 600                  | 7                    | 10           | 1.9           | 60            | 25                          | High Efficiency Diffused | -55°C to +100°C | 0.101   | 0.381   |
| 1801     | Red          | 660                  | 60                   | 20           | 1.8           | 60            | 40                          | High Efficiency Diffused | -40°C to +100°C | 0.101   | 0.381   |
| 0803     | Blue         | 468                  | 57                   | 10           | 3.2           | 100           | 30                          | High Efficiency Diffused | -40°C to +85°C  | 0.107   | 0.387   |
| 1101     | Red          | 635                  | 2.3                  | 2            | 1.7           | 60            | 7                           | Low Current Diffused     | -55°C to +100°C | 0.101   | 0.381   |
| 1201     | Yellow       | 585                  | 1.4                  | 2            | 1.8           | 60            | 7                           | Low Current Diffused     | -40°C to +100°C | 0.101   | 0.381   |
| 1301     | Green        | 565                  | 1.6                  | 2            | 1.9           | 60            | 7                           | Low Current Diffused     | -55°C to +100°C | 0.101   | 0.381   |
| 0501     | Green        | 565                  | 70                   | 20           | 2.1           | 45            | 30                          | Non-Tinted/Non-Diffused  | -55°C to +100°C | 0.101   | 0.381   |
| 0601     | Yellow       | 592                  | 200                  | 20           | 1.9           | 45            | 50                          | Non-Tinted/Non-Diffused  | -40°C to +100°C | 0.101   | 0.381   |
| 0701     | Red          | 660                  | 170                  | 20           | 1.8           | 45            | 40                          | Non-Tinted/Non-Diffused  | -40°C to +100°C | 0.101   | 0.381   |
| 6003     | Blue         | 468                  | 520                  | 20           | 3.3           | 45            | 30                          | Non-Tinted/Non-Diffused  | -40°C to +85°C  | 0.101   | 0.381   |
| 6403     | White        | X=.31<br>Y=.32       | 3000                 | 20           | 3.3           | 45            | 30                          | Non-Tinted/Non-Diffused  | -40°C to +85°C  | 0.101   | 0.381   |
| 1501     | Green        | 565                  | 40                   | 10           | 2.1           | 45            | 30                          | Tinted/Non-Diffused      | -55°C to +100°C | 0.101   | 0.381   |
| 1601     | Yellow       | 585                  | 70                   | 20           | 2.1           | 45            | 20                          | Tinted/Non-Diffused      | -55°C to +100°C | 0.101   | 0.381   |
| 1701     | Red          | 660                  | 170                  | 20           | 1.8           | 45            | 40                          | Tinted/Non-Diffused      | -40°C to +100°C | 0.101   | 0.381   |
| 6203     | Green        | 518                  | 270                  | 10           | 3             | 100           | 30                          | White Diffused           | -45°C to +85°C  | 0.101   | 0.381   |

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