558 Series
Snap-in LED .156" (3.96 mm) Mounting Hole

Certifications & Ratings

- RoHS Compliant

Application

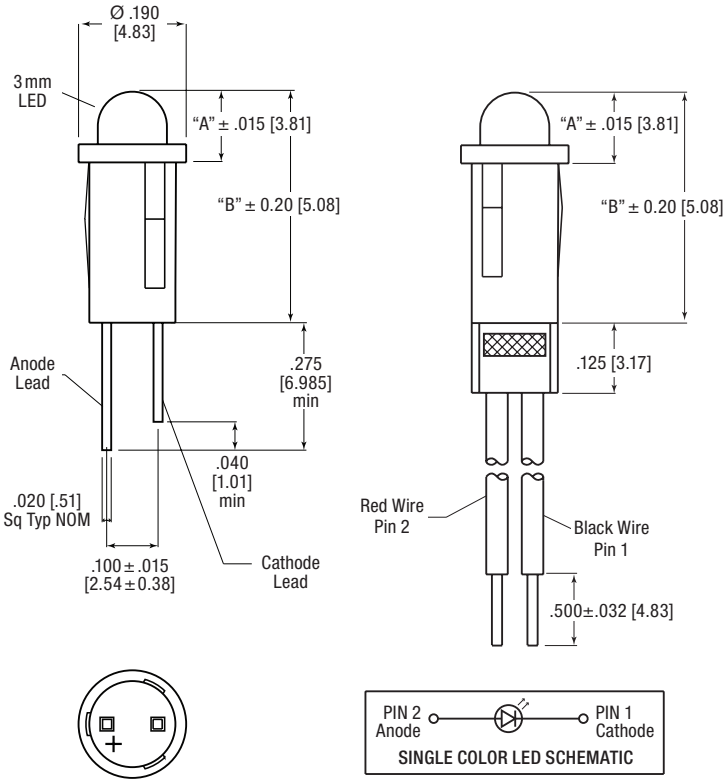
Dialight's 558 series LED panel mount indicator is available with a variety of LEDs including AlInGaP and InGaN technology for high brightness applications, bi-color and integral resistors. These indicators are designed for a variety of applications such as:

- 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 & measurement instruments
- Communications testing equipment

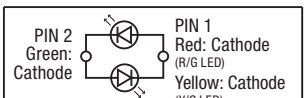
. . . and many more!

Dimensions

inches [mm]



SINGLE COLOR LED SCHEMATIC



BI-COLOR LED SCHEMATIC

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)
Mounting Torque:	N / A

Specifications

Voltage Options:	1.8 – 3.3 V DC typical, 5 V DC 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
Possible Connectors:	Samtec IPD1-05-S-K
Terminals:	Available upon request
Possible Terminals:	Samtec CC79L-2630-01-S; AMP 1-104480-3

RoHS COMPLIANT

Dialight

Ordering Information 558 Series

Part Number Guide

RoHS Compliant

5 5 8 - X X X X - 0 X X F

LED Code (see below)

Wire Code

Standard	0
PVC Free	2

Termination Code

Straight Terminals	1
26 AWG 6" wire leads	3
26 AWG 14" wire leads	7

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

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