



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

POSSIBLE CONNECTORS:
Samtec IPD1-05-S-K

TERMINALS:
Available upon request

POSSIBLE TERMINALS:
Samtec CC79L-2630-01-S;
AMP 1-104480-3

CERTIFICATIONS & RATINGS

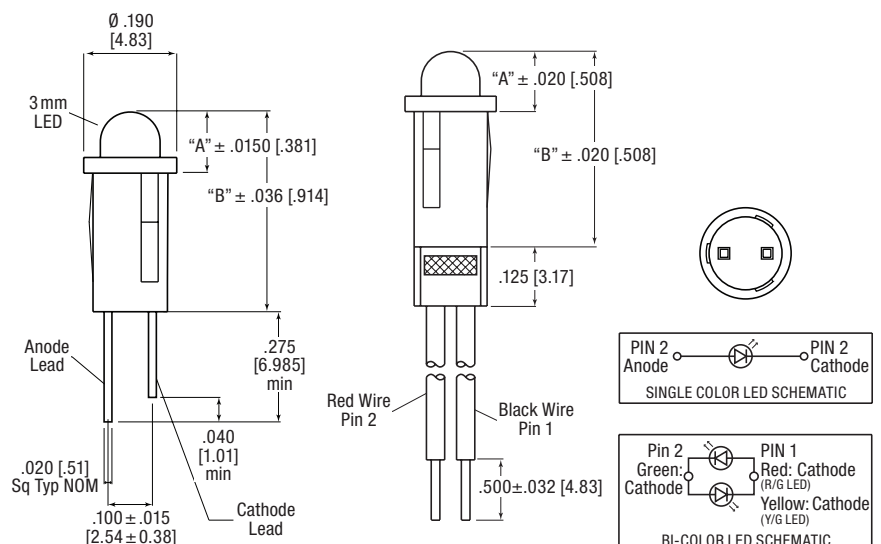
RoHS Compliant

APPLICATION

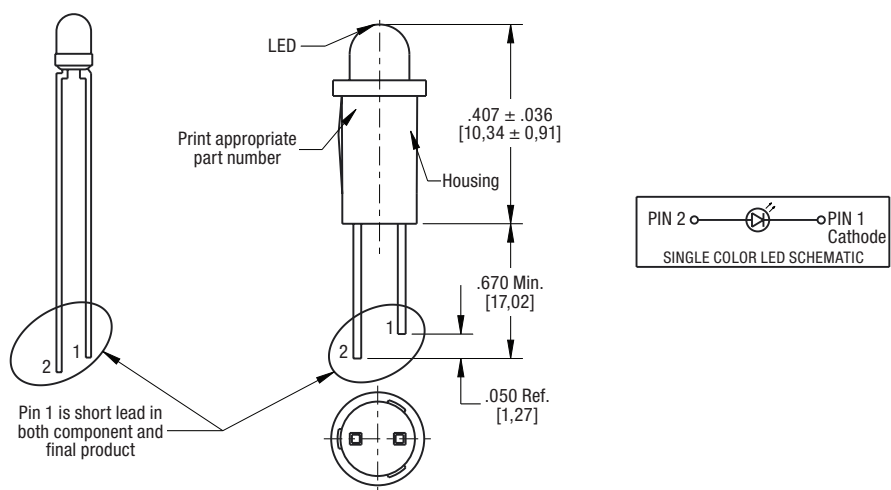
Dialight's 558 Series LED panel mount indicator is available with a variety of LEDs including AlInGaP and InGaN technology for high brightness applications, bi-color and integral resistors. These indicators are designed for a variety of applications such as:

- 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 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 (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			

LED Code	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"
0102	Red	635	29	12	5	60	15	5V 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	0.101	0.381
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		-55 °C to +85 °C		
0301	Yellow	585	8.7	10	2.1	60	20		-55 °C to +100 °C	0.101	0.381
0401	Orange	600	7	10	1.9	60	25		-55 °C to +100 °C		
1801	Red	660	60	20	1.8	60	40	Low Current Diffused	-40 °C to +100 °C	0.107	0.387
0803	Blue	468	57	10	3.2	100	30		-55 °C to +100 °C		
1101	Red	635	2.4	2	1.7	60	7		-40 °C to +100 °C		
1201	Yellow	585	1.4	2	1.8	60	7	Non-Tinted / Non-Diffused	-55 °C to +100 °C	0.101	0.381
1301	Green	565	1.6	2	1.9	60	7		-40 °C to +100 °C		
0501	Green	565	70	20	2.1	45	30		-40 °C to +100 °C		
0601	Yellow	592	200	20	1.9	45	50		-40 °C to +85 °C		
0701	Red	660	170	20	1.8	45	40	Tinted / Non-Diffused	-55 °C to +100 °C	0.101	0.381
6003	Blue	468	520	20	3.3	45	30		-40 °C to +100 °C		
6403	White	Y=.31 Y=.32	3000	20	3.3	45	30		-40 °C to +100 °C		
1501	Green	565	40	10	2.1	45	30	White Diffused	-55 °C to +100 °C	0.101	0.381
1601	Yellow	585	70	20	2.1	45	20		-40 °C to +100 °C		
1701	Red	660	170	20	1.8	45	40		-45 °C to +85 °C		
6203	Green	518	85	2	2.1	100	30				



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www.dialightsignalsandcomponents.com

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