



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*

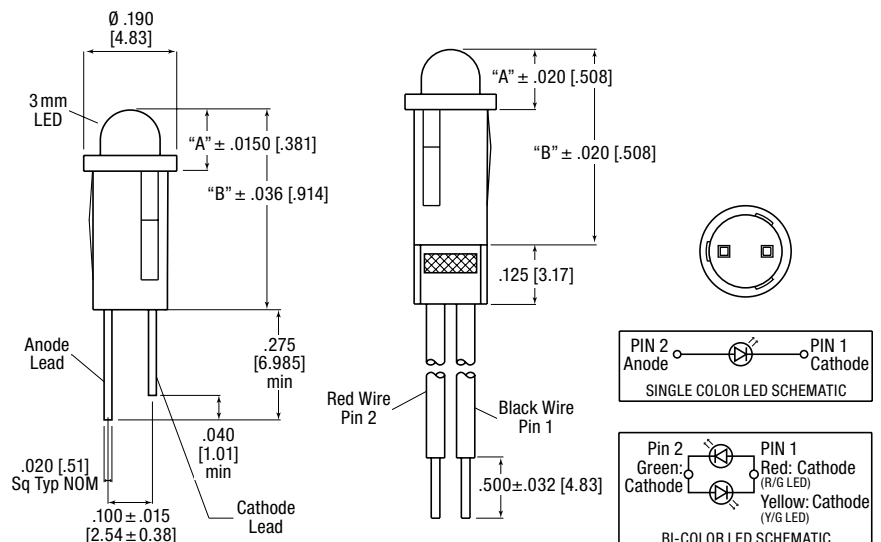
Items with integral resistors not ESD sensitive

APPLICATION

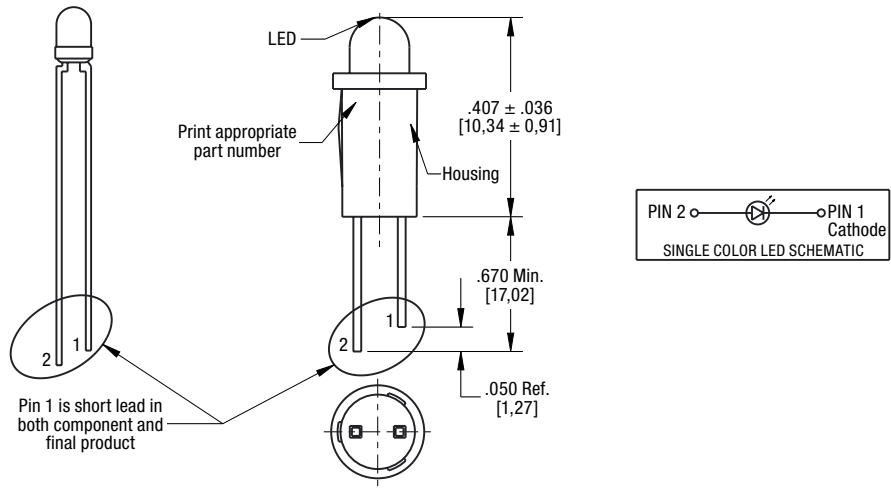
Dialight's 558 Series LED panel mount indicator is available with a variety of LEDs including AlInGaP and InGaN technology for high brightness applications, bi-color and integral resistors. These indicators are designed for a variety of applications such as:

- 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 (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"
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	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
3101	1C	Red/Green	660/565	12.6/3.7	20	1.6/2.1	200	40/30				
3201	1C	Yellow/Green	585/565	5.8/12.3	10	2.1/2.1	80	20/30				
0101	1C	Red	635	8.7	10	2	60	30	High Efficiency Diffused	-25 °C to +85 °C	0.111	0.391
0201	1C	Green	565	12.6	10	2.1	60	30				
0301	1C	Yellow	585	8.7	10	2.1	60	20				
0401	3B	Orange	600	7	10	1.9	60	25		-55 °C to +85 °C	0.101	0.381
1801	1C	Red	660	60	20	1.8	60	40	Low Current Diffused	-55 °C to +100 °C	0.107	0.387
0803	1B	Blue	468	57	10	3.2	100	30		-40 °C to +100 °C		
1101	1C	Red	635	2.4	2	1.7	60	7	Non-Tinted / Non-Diffused	-55 °C to +100 °C	0.101	0.381
1201	1C	Yellow	585	1.4	2	1.8	60	7		-40 °C to +100 °C		
1301	1C	Green	565	1.6	2	1.9	60	7		-55 °C to +100 °C		
0501	1C	Green	565	70	20	2.1	45	30	Non-Tinted / Non-Diffused	-40 °C to +100 °C	0.101	0.381
0601	3B	Yellow	592	200	20	1.9	45	50		-40 °C to +100 °C		
0701	1C	Red	660	170	20	1.8	45	40		-40 °C to +85 °C		
6003	1B	Blue	468	520	20	3.3	45	30	Tinted / Non-Diffused	-55 °C to +100 °C	0.101	0.381
6403	1B	White	Y=.31 Y=.32	3000	20	3.3	45	30				
1501	1C	Green	565	40	10	2.1	45	30	Tinted / Non-Diffused	-55 °C to +100 °C	0.101	0.381
1601	1C	Yellow	585	70	20	2.1	45	20		-40 °C to +100 °C		
1701	1C	Red	660	170	20	1.8	45	40		-40 °C to +100 °C		
6203	1B	Green	518	85	2	2.1	100	30	White Diffused	-45 °C to +85 °C		



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