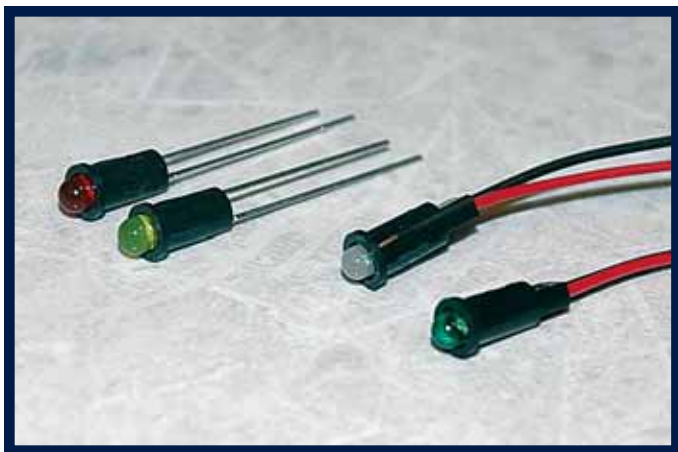




558 Series - Bi-Color Snap-in LED - .156" Mounting Hole Panel Mount Indicators



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
- ▲ Colors include - red/green and yellow/green

APPLICATIONS

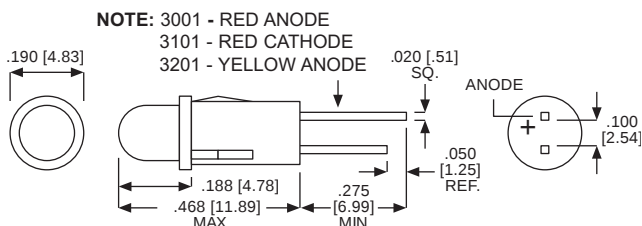
Dialight's 558 series LED panel mount indicator is available with a variety of LEDs including AlInGaP and InGaN technology for high brightness applications, bicolor and integral resistors. These indicators are designed for a variety of applications such as:

- Main and remote power indication
- Maintenance and warning indication
- Status indication
- Instrumentation
-and many more!

SPECIFICATIONS

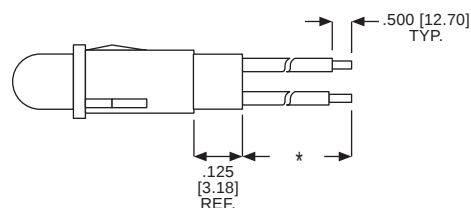
- ▲ Voltage requirements:
1.8 - 2.1 VDC typical (current limiting resistor required)
- ▲ Mounting hole size: 0.155 - 0.158" (3.94 - 4.01 mm)
- ▲ Panel thickness: 0.031 - 0.062" (.787 - 1.57 mm)
- ▲ Housing: Black housing material meets UL94V-0 and enhances LED contrast
- ▲ Operating temperature: -55°C to +100°C
- ▲ Storage temperature: -55°C to +100°C
- ▲ Electrical connection
Straight terminals for wire wrapping or either 6 or 14 inch 26 AWG lead wire

STRAIGHT TERMINALS - TERMINATION OPTION 001



Dimensions in inches [mm]

*26 AWG 6" WIRE LEADS - TERMINATION OPTION 003 26 AWG 14" WIRE LEADS - TERMINATION OPTION 007



NOTE: LEAD WIRE COLOR RED, - RED ANODE (R/G)
RED, YELLOW ANODE (Y/G)

Dialight reserves the right to make changes at any time in order to supply the best product possible.

Please see back of page for part numbers and additional specifications.



Dialight Corporation

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Tel: (1) 732-919-3119 • Fax: (1) 732-751-5778 • www.dialight.com



MDEL558BCSI001_C

TYPICAL OPERATING CHARACTERISTICS (T_A = 25°C)

Part Number	Color	Peak Wavelength (nm)	Intensity typ. (mcd)	If typ. (mA)	Vf typ. (V)	Viewing Angle 2Ø 1/2	Maximum forward current (mA)	Termination	RoHS Compliant
558-3001-001F	Red/ Green	635/565	4.8/4.8	20	2.0/2.1	200	30	Straight terminals	✓
558-3101-001F	Red/ Green	660/565	12.6/3.7	20	1.8/2.1	200	40/30	Straight terminals	✓
558-3201-001F	Yellow/ Green	585/565	4.3/6.8	10	2.1	80	20/30	Straight terminals	✓
558-3001-003F	Red/ Green	635/565	4.8/4.8	20	2.0/2.1	200	30	6 inch wire leads	✓
558-3101-003F	Red/ Green	660/565	12.6/3.7	20	1.8/2.1	200	40/30	6 inch wire leads	✓
558-3201-003F	Yellow/ Green	585/565	4.3/6.8	10	2.1	80	20/30	6 inch wire leads	✓
558-3001-007F	Red/ Green	635/565	4.8/4.8	20	2.0/2.1	200	30	14 inch wire leads	✓
558-3101-007F	Red/ Green	660/565	12.6/3.7	20	1.8/2.1	200	40/30	14 inch wire leads	✓
558-3201-007F	Yellow/ Green	585/565	4.3/6.8	10	2.1	80	20/30	14 inch wire leads	✓

LED Panel Mount Indicator Selection

Dialight's line of LED Panel Mount Indicators are available in a variety of sizes and options.

Please visit our website for more information.

www.dialight.com

- | | |
|-----------------------------------|---------------------------------------|
| ▶ .15" (3.96mm) 558 Series | ▶ 8mm 608 Series |
| ▶ .25" (6.35mm) 559 Series | ▶ 9mm 609 Series |
| ▶ 5mm 605 Series | ▶ 10mm 610 Series |
| ▶ 6mm 606 Series | ▶ 11/16" Watertight 557 Series |
| ▶ 7mm 607 Series | ▶ 1" Watertight 556 Series |



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