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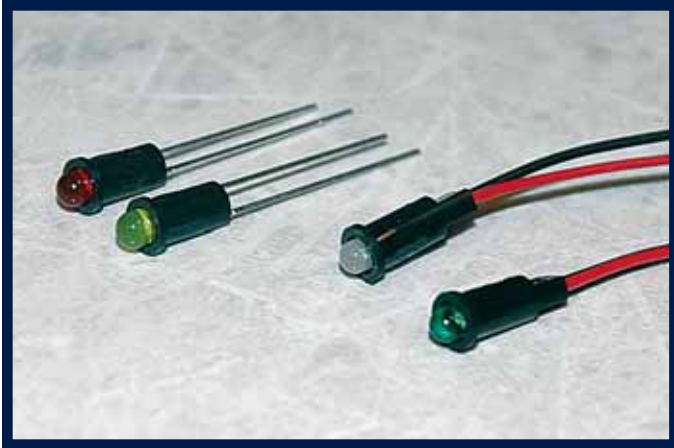
Part Number: **5583001007F**

### General Description

Color	Bi-Color (Red and Green)
Series	558
Configuration	Snap-In Bi-Color Panel Mount
Description	Red/Grn. Snap-In LED, .156" Mounting Hole Indicator
Housing	Black PBT; UL 94V-0
Lamp Type	Bi-Color
LED Type	Bi-Color
Mounting Method	Snap In
Compliance	Front of Panel, UL94V-0
Termination	26 AWG 14" Wire Lead
Mounting Hole Size	.156"
Panel Thickness	.031"
Lens Style	Non-Tinted
Diffused	Diffused
Forward Current mA	30 mA
Voltage	2.0/2.1 VDC
Operating Temperature	-55 +100
Storage Temperature	-55 +100



# 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

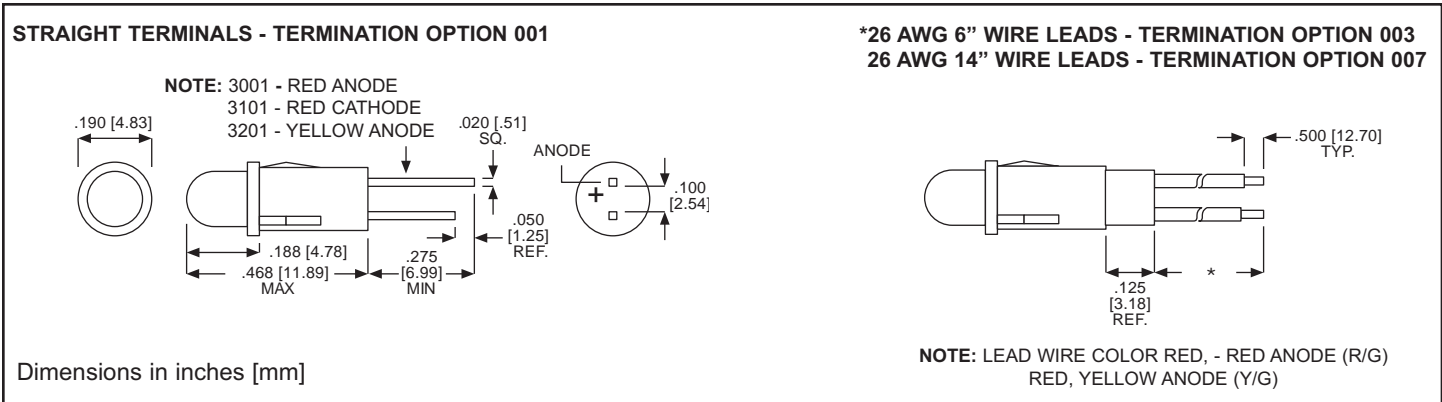
## APPLICATIONS

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



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

**TYPICAL OPERATING CHARACTERISTICS (T<sub>A</sub> = 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.

- ▶ .156" (3.96mm) **558 Series**
- ▶ .250" (6.35mm) **559 Series**
- ▶ 5mm **605 Series**
- ▶ 6mm **606 Series**
- ▶ 7mm **607 Series**
- ▶ 8mm **608 Series**
- ▶ 9mm **609 Series**
- ▶ 10mm **610 Series**
- ▶ 11/16" Watertight **557 Series**
- ▶ 1" Watertight **556 Series**