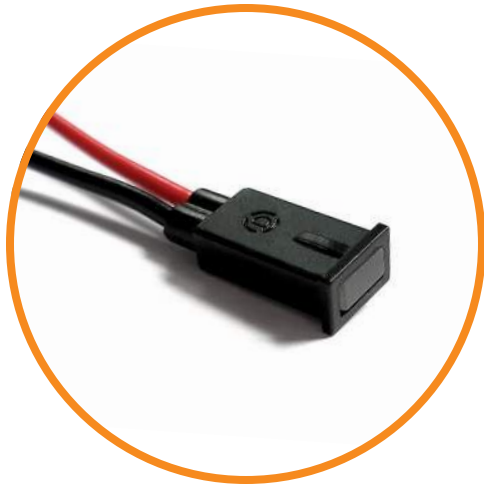


0.216 x 0.139" (5.49 x 3.53 mm) Mounting Hole



Certifications & Ratings

- RoHS compliant

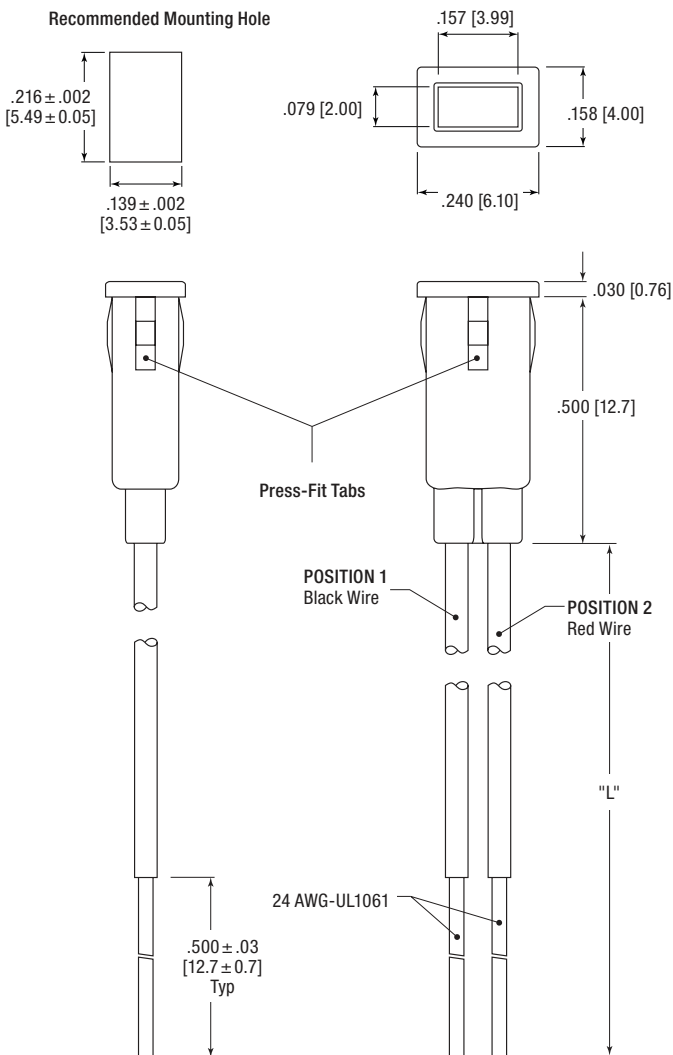
Application

Dialight's 559 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.

- Fan tray assemblies
- Data-center Infrastructure (Servers and Storage)
- Next-Gen Wireless Infrastructure
- Electronic Test & Measurement Instruments
- Communications Testing Equipment
- Hand held Devices
- ... and many more!

Dimensions

inches [mm]



Mechanical Information

Mounting Hole Size: 0.216 ± .002" x 0.139 ± .002"
(5.49 ± .05 mm x 3.53 ± .05 mm)

Max Panel Thickness: 0.031 – 0.062" (.787 – 1.57 mm)

Specifications

Voltage Options: 1.6 – 3.2V DC typical
(resistor required)

Operating Temp: See table

Storage Temp: See table

Electrical Connection: 24 AWG 14" lead wire

Housing: Black – UL94V-0 and enhances LED contrast

Connectors: Available upon request

Possible Connectors: Molex 50-57-9402
AMP 3-643814-3

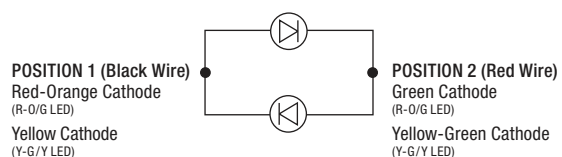
Terminals: Available upon request

Possible Terminals: Molex 16-02-0069, 16-02-077,
AMP 42067-1

SINGLE COLOR LED SCHEMATIC



BICOLOR LED SCHEMATIC



Ordering Information 559 Rectangle Series

Part Number Guide

5 5 9 - 8 X X 0 - 0 0 7 F *RoHS Compliant*

Color		Termination
1	0	7 24 AWG 14" wire leads
2	0	
3	0	
4	0	
1	2	
3	2	

Part Number	Color	Peak Wavelength (nm)	Intensity Typ. (mcd)	If Typ. (mA)	Vf Typ. (V DC)	Viewing Angle	Max DC Forward Current (mA)	Operating Temp	Storage Temp
559-8100-007F	● Red	635	125	20	2.0	104	30	-55 °C to +100 °C	
559-8200-007F	● Green	565	120		2.1	104	30	-20 °C to +100 °C	
559-8300-007F	● Yellow	585	140		2.1	104	20	-55 °C to +100 °C	
559-8400-007F	● Blue	468	67		3.2	100	20	-30 °C to +85 °C	-40 °C to +100 °C
559-8120-007F	●● Red-Orange / Green	630 / 565	90 / 40		2.1	140	30	-55 °C to +100 °C	-55 °C to +100 °C
559-8320-007F	●● Yellow-Green / Yellow	570 / 591	30 / 50		2.1	120	20	-30 °C to +85 °C	-40 °C to +100 °C

Dialight reserves the right to make changes at any time in order to supply the best product possible. The most current version of this document will always be available at: www.dialightsignalsandcomponents.com

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