

# 559 Series

## Snap-in LED - .250" (6.35mm) Mounting Hole Panel Mount Indicators



### 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, bi-color and integral resistors.

- Fan tray assemblies
- Data-center Infrastructure (Servers and Storage)
- Next-Gen Wireless Infrastructure
- Electronic Test & Measurement Instruments
- Communications Testing Equipment
- Handheld Devices

and many more!

### Certifications & Ratings

- RoHS Compliant

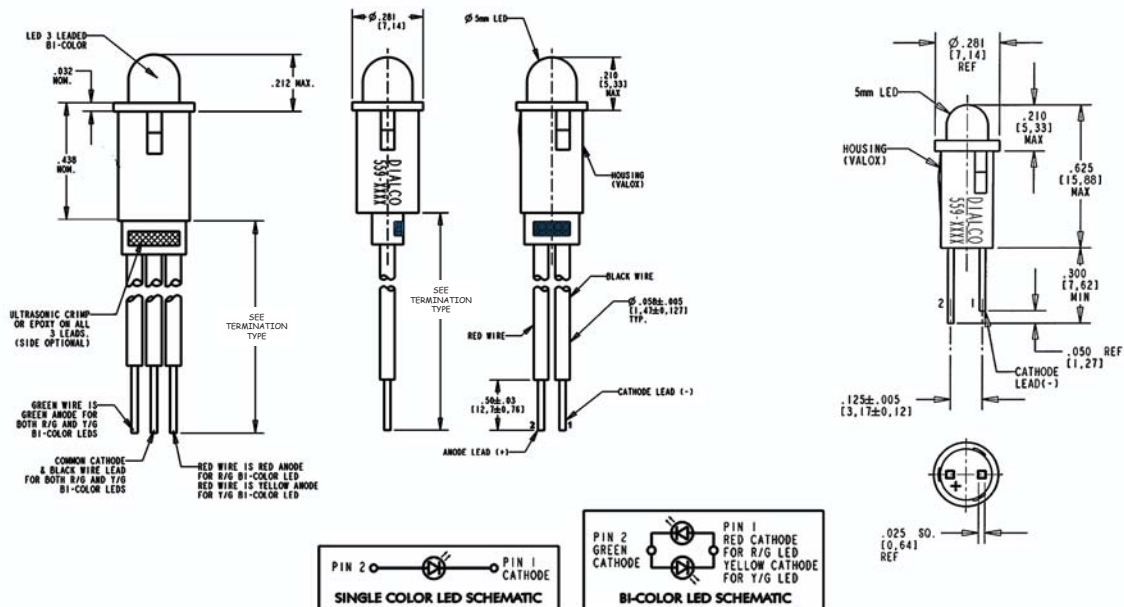
### Mechanical information

Mounting Hole Size:	0.249 - 0.252" (6.32 - 6.40 mm)
Max Panel Thickness:	0.031 - 0.062" (.787 - 1.57 mm)
Mounting Torque:	N/A

### Specifications

Voltage Options:	1.6 - 2.3 V DC typical (current limiting resistor required)	Wire Leads:	6" or 14"
	5, 12, 24V DC (resistor included)	Connectors:	Available upon request
Operating Temp:	See table	Possible Connectors:	Molex 50-37-5033, 50-57-9202 AMP 3-643814-3
Storage Temp:	-55°C to +100°C (-67°F to +212°F)	Terminals:	Available upon request
Electrical Connection:	Straight terminals for wire wrapping or 24 AWG lead wire	Possible Terminals:	Molex 18-07-1040, 16-02-0069, 16-02-077 AMP 42067-1
Housing:	Black - UL94V-0 and enhances LED contrast		

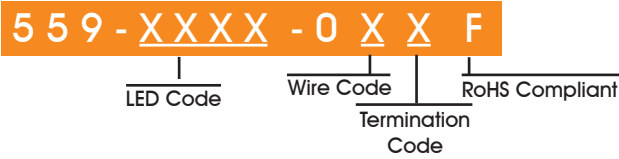
### Dimensions



Dimension are in Inches [mm]

# 559 Series

## Ordering Information



Wire Code	Wire Type
0	Standard
2	PVC Free

Termination Code	Termination Type
1	Straight Terminals
3	24 AWG 6" wire leads
7	24 AWG 14" wire leads

LED Code	Color	Peak Wavelength (nm)	Intensity Typ. (mcd)	If Typ. (mA)	Vf Typ. (V DC)	Viewing Angle	Max DC Forward Current (mA)	Type	Operating Temp
5501	Red	635	125	20	2.2	24	30	Non-Tinted/Non-Diffused	-55°C to +100°C
5601	Green	565	120	20	2.3	24	30	Non-Tinted/Non-Diffused	-20°C to +100°C
5701	Yellow	583	140	20	2.1	24	20	Non-Tinted/Non-Diffused	-55°C to +100°C
5801	Orange	605	90	20	2.2	20	50	Non-Tinted/Non-Diffused	-30°C to +85°C
5901	Yellow	592	3100	20	2	15	50	Non-Tinted/Non-Diffused	-40°C to +100°C
6001	Blue	470	1500	20	3.6	30	30	Non-Tinted/Non-Diffused	-30°C to +85°C
6101	Red	635	2100	20	1.9	15	50	Non-Tinted/Non-Diffused	-40°C to +100°C
6201	Green	525	5000	20	3.2	30	30	Non-Tinted/Non-Diffused	-30°C to +85°C
6301	Orange	609	4000	20	1.9	15	50	Non-Tinted/Non-Diffused	-40°C to +100°C
6401	White	X=.31 Y=.32	2500	20	3.2	50	30	Non-Tinted/Non-Diffused	-30°C to +85°C
1101	Red	635	2.3	2	1.7	50	7	Low Current Diffused	-55°C to +100°C
1201	Yellow	583	1.8	2	1.9	50	7	Low Current Diffused	-55°C to +100°C
1301	Green	565	1.8	2	1.8	50	7	Low Current Diffused	-55°C to +100°C
2101	Red	650	6.3	10	2.2	50	20	Diffused	-25°C to +85°C
2201	Green	563	10	10	2.1	65	25	Diffused	-25°C to +85°C
2301	Yellow	585	29	10	1.9	50	20	Diffused	-55°C to +100°C
2501	Orange	600	7	10	1.9	60	30	Diffused	-55°C to +100°C
5101	Red	650	34	20	2.1	50	25	Diffused	-55°C to +100°C
5201	Green	563	34	20	2.2	50	25	Diffused	-55°C to +100°C
5301	Yellow	585	34	20	2.2	50	25	Diffused	-55°C to +100°C
5401	Orange	610	34	20	2.2	50	25	Diffused	-20°C to +85°C
0102	Red	635	8	10	5	60	15	5V Integral Resistor	-40°C to +85°C
0202	Green	565	8	12	5	60	15	5V Integral Resistor	-20°C to +85°C
0302	Yellow	583	8	10	5	60	15	5V Integral Resistor	-40°C to +85°C
0103	Red	635	8	13	12	60	15	12V Integral Resistor	-55°C to +100°C
0203	Green	565	8	13	12	60	15	12V Integral Resistor	-20°C to +85°C
0303	Yellow	583	8	13	12	60	15	12V Integral Resistor	-40°C to +85°C
5904	Yellow	592	3100	20	24	15	50	24V Integral Resistor	-30°C to +85°C
6104	Red	635	2100	20	24	15	50	24V Integral Resistor	-30°C to +85°C
5204	Green	525	5000	20	24	30	50	24V Integral Resistor	-30°C to +85°C
3001	Red/Green	660/565	90/40	20	1.8/2.1	60	40/30	2 leaded Bi-color	-55°C to +100°C
3201	Yellow/Green	585/565	12.6/19	20	2.1/2.1	50	20/30	2 leaded Bi-color	-55°C to +100°C
3501	Red/Green	635/565	5.0/8.0	10	2.1/2.3	65	30	3 leaded Bi-color	-20°C to +85°C
3601	Yellow/Green	590/568	9/13.5	10	2/2.1	65	30	3 leaded Bi-color	-20°C to +85°C