

## Excellent Integrated System Limited

Stocking Distributor

Click to view price, real time Inventory, Delivery & Lifecycle Information:

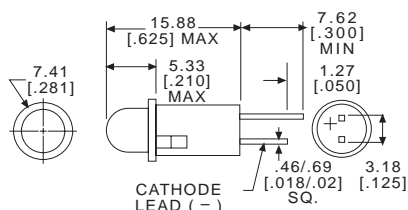
[Dialight](#)  
[5590102007F](#)

For any questions, you can email us directly:  
[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

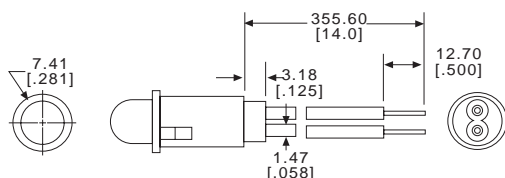
**5mm**  
**LED Panel Mount Indicator**  
**5V or 12V Integral Resistor**  
**.250" Mounting Hole, Snap In Mounting**

**Dialight**  
**559 Series**

STRAIGHT TERMINALS – TERMINAL OPTION 1



24 AWG WIRE LEADS – TERMINAL OPTION 3 FOR 6" TERMINAL OPTION 7 FOR 14"



NOTE: WIRE LEAD COLORS RED (ANODE) & BLACK (CATHODE)

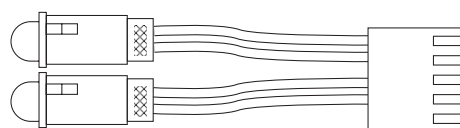
**BENEFITS**

- Available with a variety of LEDs
- Designed for quick positive insertions in panels from .787mm [.031] through 1.57mm [.062] thick. Recommended hole size from 6.32mm [.249] to 6.40mm [.252].
- Front panel mounting
- Uniform illumination
- Snap-in mounting requires no additional hardware
- IC compatible
- Housing meets UL94V-0
- High reliability - 100,000 hour life
- Black housing enhances LED contrast
- Straight terminals suitable for wire-wrapping

**CUSTOM CAPABILITIES**

Connectors and terminals can be added to wire leads

**Example**



Typical Operating Characteristics ( $T_A=25^\circ\text{C}$ )  
**DIFFUSED LED**

Absolute  
 Maximum Ratings

Part Number	Color	Termination Options	Peak Wavelength (nm)	Iv Typical (mcd)	Vf Volts (V)	If (mA)		Min Reverse Voltage	Viewing Angle $2\theta_{1/2}$	DC Forward Voltage	Temperature $^\circ\text{C}$	
						Typ	Max				Operating	Storage
559-0102-00x	R	1,3,7	655	2	5	13	20	5	60	7.5	-40/+85	-55/+100
559-0103-00x	R	1,3,7	655	2	12	13	20	5	60	15	-40/+85	-55/+100
559-0202-00x	G	1,3,7	565	8	5	12	15	5	60	7.5	-20/+85	-55/+100
559-0203-00x	G	1,3,7	565	4	12	13	20	5	60	15	-20/+85	-55/+100
559-0302-00x	Y	1,3,7	583	8	5	10	15	5	60	7.5	-40/+85	-55/+100
559-0303-00x	Y	1,3,7	583	8	12	13	20	5	60	15	-40/+85	-55/+100

**COLOR CODES:**

R Red  
 G Green  
 Y Yellow

**PART NUMBER ORDERING CODE**

**5 5 9 - X X X X - 0 0 X**

Series

Termination Option  
 1 = Straight Terminals  
 3 = 6" Wire Leads  
 7 = 14" Wire Leads