

5mm

LED Panel Mount Indicator

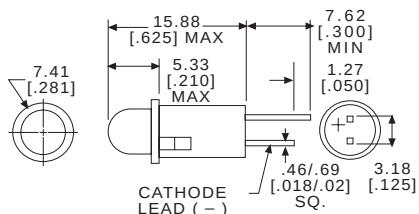
5V or 12V Integral Resistor

.250" Mounting Hole, Snap In Mounting

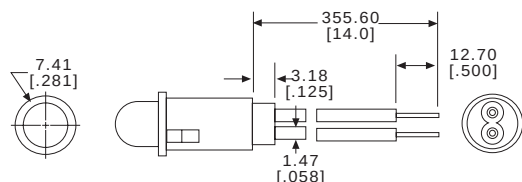
Dialight

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)

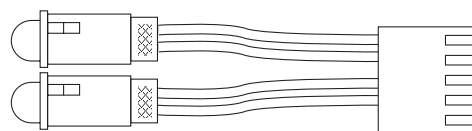
BENEFITS

- 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