

## Special Features

- Front mounting, snap-in LED - no mounting hardware required
- Optional resistor in lead
- Fits panel thicknesses from .031" ( .787 mm) to .062" (1.574 mm)
- Can be customized for AC applications
- Custom wire and connector options

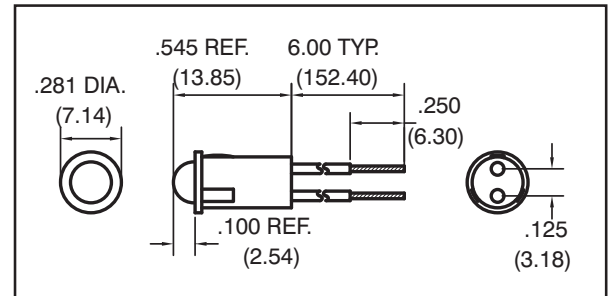
## Specifications

- Mounting hole: .250" ± .001" (6.35 ± .03 mm)
- Termination: 22 AWG UL1061 6.0" (152.4 mm) gray (anode) and black (cathode) leads stripped to .250" ( 6.35 mm) standard or LED pins
- Housing: Black PP



5mm Panel Mount LED Assemblies

## Package Dimensions



All dimensions are in inches (mm)

## Resistor Chart

OPERATING SPECIFICATIONS				
Resistor Value Code	Voltage	Current (mA)	Resistor Value (Ohms) Green, Yellow Red, Bicolor LED	Resistor Value (Ohms) Blue, White LED
0000	2	10 or 20	None	Not Available
9900	5	10	332	
9928	5	10		121
9901	12	10	1000	
9902	12	10		715
9903	24	10	2210	
9904	24	10		1910
9905	28	10	2610	
9906	28	10		2320
9907	5	20	150	
9922	5	20		65
9908	12	20	511	
9909	12	20	1100	357
9910	24	20		953
9911	24	20		
9912	48	9	4870	
9913	48	9		4530
9914	60	7	8250	
9915	60	7		7500
9920	120VAC	8	6490	Contact WLI

Note: Bi-Color not available in AC voltages

## Electrical and Optical Characteristics (TA = 25°C)

LED Part #	Color	Luminous Intensity (mcd) Typ. @ I <sub>f</sub> (mA)	V <sub>f</sub> Typ. @ I <sub>f</sub> (mA)	Viewing Angle 2 θ 1/2	Peak Wavelength (nm)		
<b>HIGH EFFICIENCY</b>							
9102	Red	5.6	10	2.0	20	60°	635
9103	Green	5.6	10	2.2	20	60°	565
9104	Yellow	5.6	10	2.1	20	60°	585
9105	Orange	5.6	10	2.0	20	60°	630
<b>5 V INTERNAL RESISTOR</b>							
9124	Red	16.0	12	5.0	10	60°	625
9125	Yellow	16.0	12	5.0	10	50°	590
9126	Green	16.0	12	5.0	10	50°	565
<b>BICOLOR</b>							
9109	Red	38.0	20	2.0	20	60°	660
	Green	13.0	20	2.2	20		585
9128	Yellow	10.0	20	2.1	20	60°	590
	Green	25.0	20	2.2	20		565
<b>ULTRA BRIGHT – DAYLIGHT READABLE</b>							
9134	Green	148.0	20	2.1	20	60°	574
9135	Blue	198.0	20	3.3	20	60°	468
9136	Red	447.0	20	2.5	20	60°	650
9137	Yellow	397.0	20	2.0	20	60°	590
<b>BLINKING (Operates at 3.5V to 14V, blinking frequency from 3.0Hz to 1.5Hz)</b>							
4001	Red	248.0	22	5.0	22	60°	660
<b>LOW CURRENT (Use -0001 for resistor code)</b>							
9121	Red	2.0	2	1.7	2	60°	625
9122	Yellow	2.0	2	1.85	2	60°	590
9123	Green	2.0	2	1.9	2	60°	565
<b>BLUE</b>							
9135	Blue	198.0	20	3.3	20	60°	468

## How To Order

