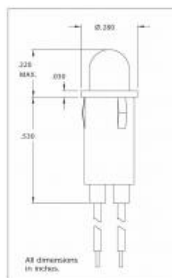


## Products

### LED Indicators

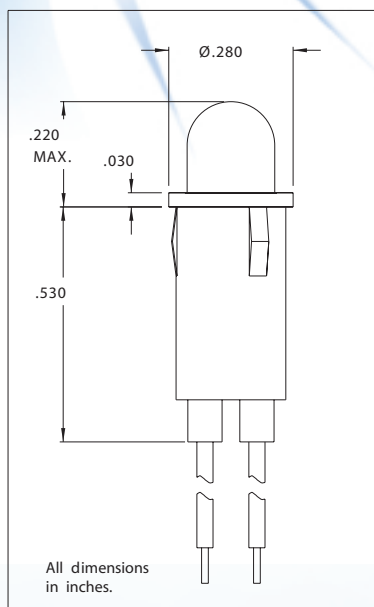
CML IT offers panel mount indicators manufactured with LED, Neon or Incandescent light sources. These indicators are available in a number of different lens and termination styles, with voltages of 2V ~ 250V available off-the-shelf.



**Part Number:** 5100H1LC  
**Serial Number:** 5100  
**Mounting hole (inch):** 1/4  
**Mounting hole (metric):** 6.35mm  
**Indicator type:**  
**Mounting type:**  
**Bezel type:**  
**Bezel material:**  
**Bezel color:**  
**Bezel size:**  
**Protection:**  
**Lens type:**  
**Lens color:** Red Diffused  
**Lens size:**  
**Connector tpe:** 6.0  
**Connector number:**  
**Connector for lamp test:**  
**Number LED chip:**  
**Indicator color:** red  
**Dom wave length:**  
**Peak wave length (mA):**  
**Op. voltage (V):** 1.8  
**Forward volt max:** 2.0  
**Rectifier:**  
**AC current:**  
**DC current:** 2.0  
**Lum in min (mcd):** 1.3  
**Lum in type (DC):** 2.3  
**Voltage type (%):**  
**Op. temperature (°C):**  
**Storage temperature (°C):**  
**Narrative:**  
**Viewing angle (°):** 50  
**RoHS Status:** Yes

## Panel Mounted LED Indicator Light with Wire Leads 1/4" Diameter Mounting Hole

### DESCRIPTION AND FEATURES



#### Features

- Super-Brite 30mcd
- Low current
- Built-in resistor chip operates directly off 5 volt or 12 volt supply without external resistor.

Mounting: Will snap-fit in Ø.249/.254 hole in panels .031/.062 thick.

Wire leads: No. 24 AWG, 6" insulated, bonded strands, stripped 1/2"

Anode(+): Red Lead

Housing: Black Nylon

Alternate LEDs are also available in this package as standard variations.

| Part Number | Emitted Color | Typical Intensity (mcd) | Rated Current (mA) | Continuous Forward Current Max. (mA) | Forward Voltage |          | Peak Forward Current @ 1ms-300 PPS (A) | Reverse Breakdown Voltage Min. (V) | Peak Wavelength (nm) |
|-------------|---------------|-------------------------|--------------------|--------------------------------------|-----------------|----------|----------------------------------------|------------------------------------|----------------------|
|             |               |                         |                    |                                      | Typ. (V)        | Max. (V) |                                        |                                    |                      |
| 5100H1      | Red           | 30                      | 20                 | 35                                   | 2.0             | 3.0      | 1.0                                    | 5                                  | 635                  |
| 5100H3      | Amber         | 20                      | 20                 | 35                                   | 2.0             | 3.0      | 1.0                                    | 5                                  | 608                  |
| 5100H5      | Green         | 30                      | 20                 | 30                                   | 2.2             | 3.0      | .09                                    | 5                                  | 562                  |
| 5100H6      | Blue          | 3.0                     | 45                 | 50                                   | 3.4             | 3.9      | -                                      | 5                                  | 470                  |
| 5100H7      | Yellow        | 25                      | 20                 | 35                                   | 2.1             | 3.0      | 1.0                                    | 5                                  | 585                  |
| 5100H1LC    | Red           | 2.0                     | 2                  | 7                                    | 1.8             | 2.2      | .007                                   | 5                                  | 635                  |
| 5100H5LC    | Green         | 2.5                     | 2                  | 7                                    | 1.8             | 2.2      | .007                                   | 5                                  | 565                  |
| 5100H7LC    | Yellow        | 2.0                     | 2                  | 7                                    | 1.9             | 2.7      | .007                                   | 5                                  | 585                  |
| 5102H1-5V   | Red           | 6.0                     | 10                 | 15                                   | 5               | 7.5      | -                                      | 5                                  | 635                  |
| 5102H3-5V   | Amber         | 7.0                     | 10                 | 15                                   | 5               | 7.5      | -                                      | 5                                  | 583                  |
| 5102H5-5V   | Green         | 10.0                    | 12                 | 15                                   | 5               | 7.5      | -                                      | 5                                  | 565                  |
| 5102H1-12V  | Red           | 4.0                     | 13                 | 15                                   | 12              | 20.0     | -                                      | 5                                  | 635                  |
| 5102H3-12V  | Amber         | 4.0                     | 13                 | 15                                   | 12              | 20.0     | -                                      | 5                                  | 583                  |
| 5102H5-12V  | Green         | 4.0                     | 13                 | 15                                   | 12              | 20.0     | -                                      | 5                                  | 565                  |

Low Current

Built-In Resistor 5 Volts

Built-In Resistor 12 Volts