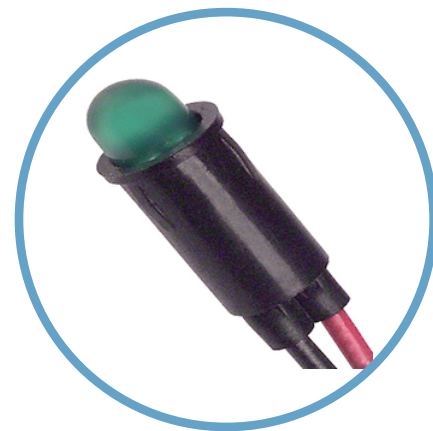




# 5110F Series Panel Mount LED Indicator Light for mounting hole 0.157" (4.0mm)

Press fit round indicator light for super bright  
LED T-1 (3 mm)



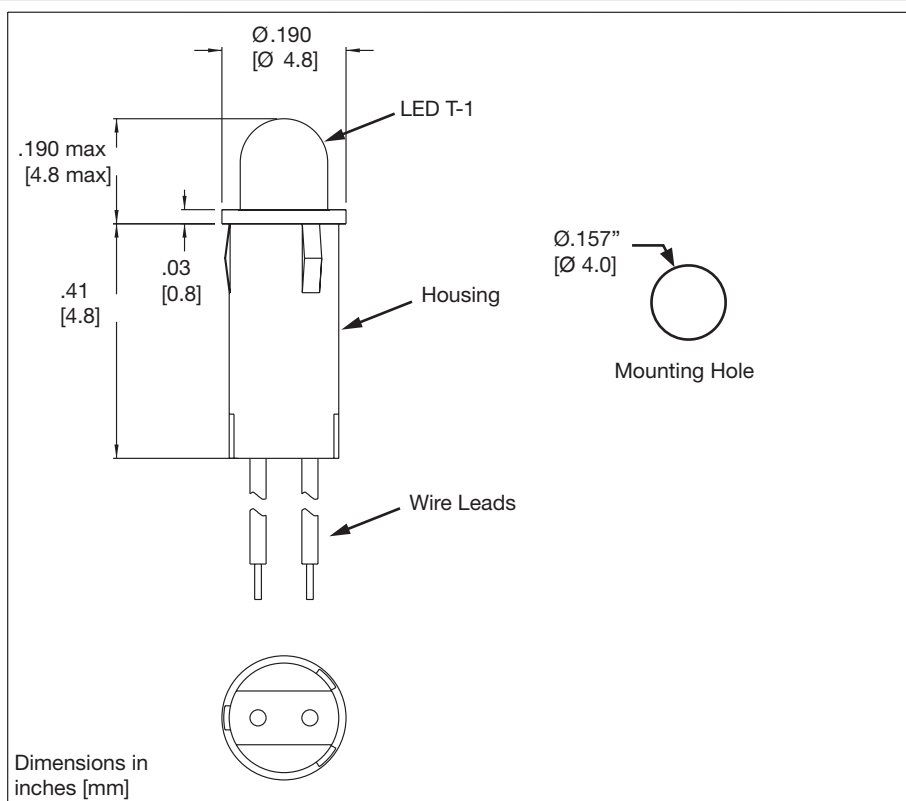
## Applications

- panel indication
- entertainment
- appliances
- electrical panels
- industrial
- displays

## Key features

- super bright T-1 (3mm) LED
- diffused lens allows wide angle viewing
- include low current option (2mA)
- 4 colors available: red, green, yellow, amber
- voltage options: 2, 5 or 12V
- snap-fit into .155"/.158" mounting hole
- built-in chip resistor operates directly off 5 and 12 volt supply, no external resistor needed.
- recommended the use of an installation tool to press against flange of housing rather than LED

## Product dimensions



## Product specifications and ordering data

### Electro-optical Characteristics

|             | Part Number | Color  | Typ. Intensity (mcd) | Rated Current (mA) | Continuous Forward Current Max. (mA) | Forward Voltage Typ. (V) | Forward Voltage Max. (V) | Peak Forward Current @ 1ms- 300pps (A) | Reverse Break-down Voltage Min. (V) | Peak Wavelength (nm) |
|-------------|-------------|--------|----------------------|--------------------|--------------------------------------|--------------------------|--------------------------|----------------------------------------|-------------------------------------|----------------------|
| Standard    | 5110F1      | Red    | 10.0                 | 10                 | 30                                   | 2.0                      | 3.0                      | 1.0                                    | 5                                   | 635                  |
|             | 5110F5      | Green  | 16.0                 | 20                 | 30                                   | 2.2                      | 3.0                      | 0.09                                   | 4                                   | 562                  |
|             | 5110F7      | Yellow | 6.3                  | 20                 | 30                                   | 2.1                      | 3.0                      | 1.0                                    | 5                                   | 585                  |
| Low Current | 5110F1LC    | Red    | 2.5                  | 2                  | 7                                    | 1.8                      | 2.2                      | 0.007                                  | 5                                   | 635                  |
|             | 5110F5LC    | Green  | 2.1                  | 2                  | 7                                    | 1.8                      | 2.2                      | 0.007                                  | 5                                   | 565                  |
|             | 5110F7LC    | Yellow | 1.8                  | 2                  | 7                                    | 1.9                      | 2.7                      | 0.007                                  | 5                                   | 583                  |
| 5V          | 5110F1-5V   | Red    | 8.0                  | 10                 | 20                                   | 5                        | 7.5                      | -                                      | 5                                   | 655                  |
|             | 5110F3-5V   | Amber  | 8.0                  | 10                 | 15                                   | 5                        | 7.5                      | -                                      | 5                                   | 583                  |
|             | 5110F5-5V   | Green  | 8.0                  | 10                 | 15                                   | 5                        | 7.5                      | -                                      | 5                                   | 565                  |
| 12V         | 5110F1-12V  | Red    | 8.0                  | 13                 | 20                                   | 12                       | 15                       | -                                      | 5                                   | 655                  |
|             | 5110F3-12V  | Amber  | 8.0                  | 13                 | 20                                   | 12                       | 15                       | -                                      | 5                                   | 583                  |
|             | 5110F5-12V  | Green  | 8.0                  | 13                 | 20                                   | 12                       | 15                       | -                                      | 5                                   | 565                  |

| Material   |                                                        |
|------------|--------------------------------------------------------|
| Housing    | Nylon (Black)                                          |
| Wire Leads | 0.009" (0.23mm) Wall PVC, Red (Anode), Black (Cathode) |

| Operating parameters  |                               |
|-----------------------|-------------------------------|
| Operating temperature | -13°F (-25°C) to 185°F (85°C) |

| Installation specification |                                                  |
|----------------------------|--------------------------------------------------|
| Mounting hole              | 0.155/0.158" (3.94/4.01mm)                       |
| Panel thickness (minimum)  | 0.031/0.062" (0.79/1.58mm)                       |
| Wire leads                 | 4.4" (111.8) min. long, #26 AWG, stripped 0.250" |
| Anode (+)                  | Red lead                                         |

## Compliance & approvals



# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

VCC:

[5110F5-12V](#) [5110F3-12V](#) [5110F1-5V](#) [5110F5-5V](#) [5111F1](#) [5111F5](#) [5111F7](#) [5110F1](#) [5110F5](#) [5110F1-12V](#)  
[5110F1LC](#) [5110F3-5V](#) [5110F5LC](#) [5111F1-5V](#) [5111F1LC](#)