

LED

Actuator Data Sheet

LED 080115

SPECIFICATIONS

- > **Color:** Green
- > **Consumption:** ~10mA

FEATURES

- > Onboard current-limiting resistor
- > Small form factor
- > Easy-to-use

APPLICATIONS

- > Synchronization with video camera
- > Optical marking
- > Visual feedback

GENERAL DESCRIPTION

The LED is typically used to provide visual feedback to the user. A common need when working with biosignals is the synchronization of the recorded data with external recording devices (e.g. a video camera). If applied to a camera lens, the LED sensor can be used to introduce common markers in the recording, hence providing a synchronization source. The LED sensor can also be useful for optical synchronization with third-party devices (provided that the third-party device has a photo detector), in applications where it is important to have electrical decoupling between devices.

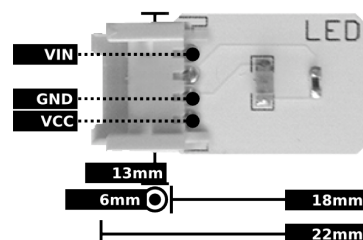


Fig. 1. Pin-out and physical dimensions.



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