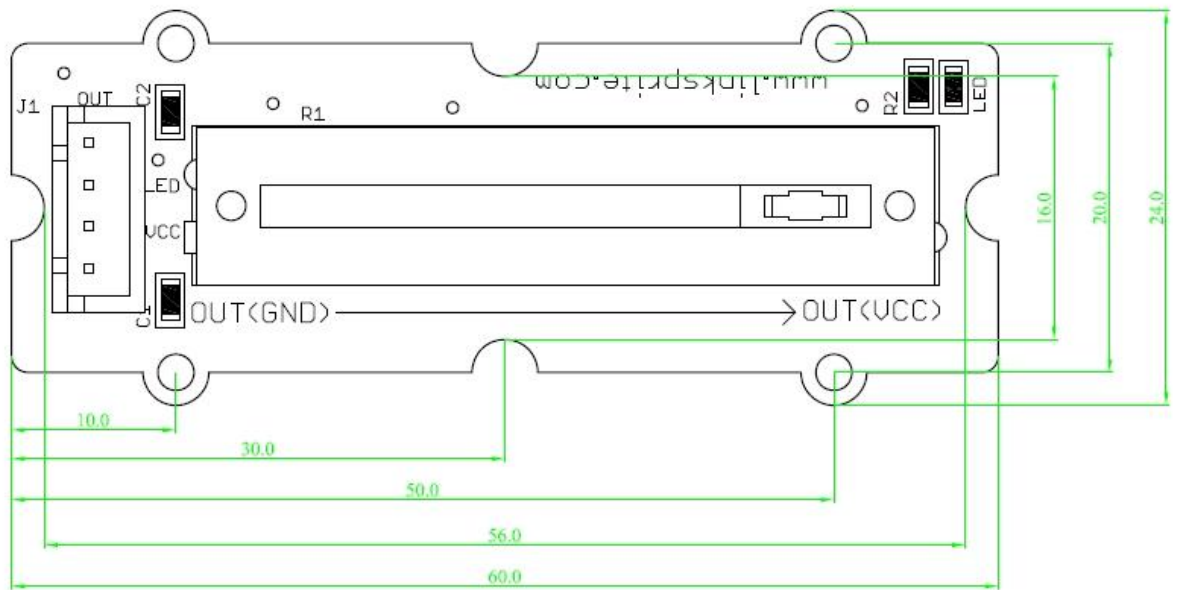
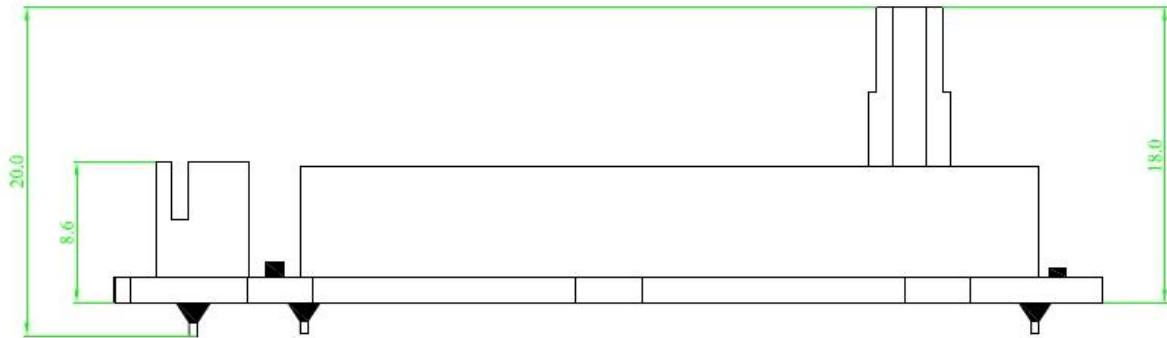


Linear/Slide Potentiometer Module

Introduction

The slide potentiometer is a linear variable resistor with a total resistance of 10k. When you move the lever from one side to the other, its output voltage will range from 0 V to the VCC you apply. It has four pins, 3 of which are connected to VCC, GND and the ADC IN on the slide, while the remaining pin is connected to a red indicator LED. You can use the indicator LED to visually display the change on the potentiometer.





Application Ideas

```

int adcPin = A0;    // select the input pin for the potentiometer
int ledPin = A1;    // select the pin for the LED
int adcIn = 0;     // variable to store the value coming from the sensor

void setup() {
  Serial.begin(9600);          // init serial to 9600b/s
  pinMode(ledPin, OUTPUT);    // set ledPin to OUTPUT
  Serial.println("Sliding Potentiometer Test Code!!");
}

void loop() {
  // read the value from the sensor:
  adcIn = analogRead(adcPin);
  if(adcIn >= 500) digitalWrite(ledPin,HIGH); // if adc in > 500, led
light
  else digitalWrite(ledPin, LOW);
  Serial.println(adcIn);
  delay(100);
}

```

Here Linker Slide potentiometer is connected to [A0 A1 V G].

