



TinkerKit!

TinkerKit Micro Servo Module



Overview

The **Micro Servo Module** is a high quality micro servo with the **standard TinkerKit 3pin connector** to be plugged in the Sensor Shield. The best choice to add Robotics & Mechatronics to your project.

Servos are composed of an electric motor mechanically linked to a potentiometer. Arduino controls the Servo using the [Servo Library](#). The electronics inside the servo translate the width of the pulse into a position. When the servo is commanded to rotate, the motor is powered until the potentiometer reaches the value corresponding to the commanded position.

Module Description:

Modulation	Analog
Torque	5V (1.00 kg-cm)
Speed	5V 0.12 sec/60°
Weight	9g
Dimensions	L 22.2mm / W 11.6mm / H 21.5mm
Rotation Angle	180°
Connectore Type	TinkerKit

Reference

[Servo Library](#)

Mouser Electronics

Authorized Distributor

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