



**PRODUCT NAME :** Battery Clip Pair for Arduino/Raspberry-Pi/Robotics (Big)

**PRICE :** Rs 20.00

**SKU :** RM0754



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## DESCRIPTION

A **clip** (also **alligator clip** or **spring clip**) is a simple mechanical device for creating a temporary electrical connection, and is named for its resemblance to an alligator's or crocodile's jaws.

### Working Principle:

Functioning much like a spring-loaded clothes pin, the clips tapered, serrated jaws are forced together by a spring to grip an object. When manufactured for electronics testing and evaluation, one jaw of the clip is typically permanently crimped or soldered to a wire, or is bent to form the inner tubular contact of a 15 mm ~ 4 mm female banana jack, enabling quick non-permanent connection between a circuit under test and laboratory equipment or to another electrical circuit. The clip is typically covered by a plastic shroud or "boot" to prevent accidental short-circuits.

### Features:-

- It consists of insulation and connector.
- Insulation is a type of PVC which is used for electrical wiring to protect from any kind of shock while operating this crocodile clip.
- Connector is made up of high quality stainless steel which has highly strength ability to hold the testing material. Above connector, there is a coating with nickel metal to protect it from corrosion and rust.

### Applications:-

- Small versions, ranging in size from 15 mm – 40 mm in length, are used in electrical laboratory work and school, college labs.
- Large versions of these clips, called **automotive clips** or **battery clamps**, are made of solid copper for low electrical resistance, are used with thick insulated copper cables to make connections between automobile batteries.

### Dimensions:-

- Jaw Size: 2mm

- Jaw Length: 10.3mm
- Total length: 49.1mm
- Insulation Length: 14.5mm
- Insulation lower diameter: 5mm
- Insulation Upper diameter: 4mm
- Overall Length of the Component: 50.1mm
- Overall diameter of the component : 7mm