PRODUCT NAME : Battery Clip Pair fo
r Arduino/Raspberry-Pi/Robotics
(Small)

PRICE : Rs 15.00
SKU : RM0752

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 a15 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 coated 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: 1mm
- Jaw Length: 9mm
- Total length: 32mm
- Insulation Length: 10mm
- Insulation lower diameter: 3mm
- Insulation Upper diameter: 2mm
- Overall Length of the Component: 34mm
- Overall diameter of the component : 5mm