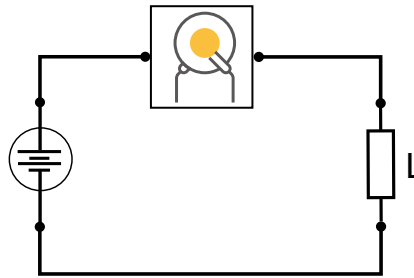


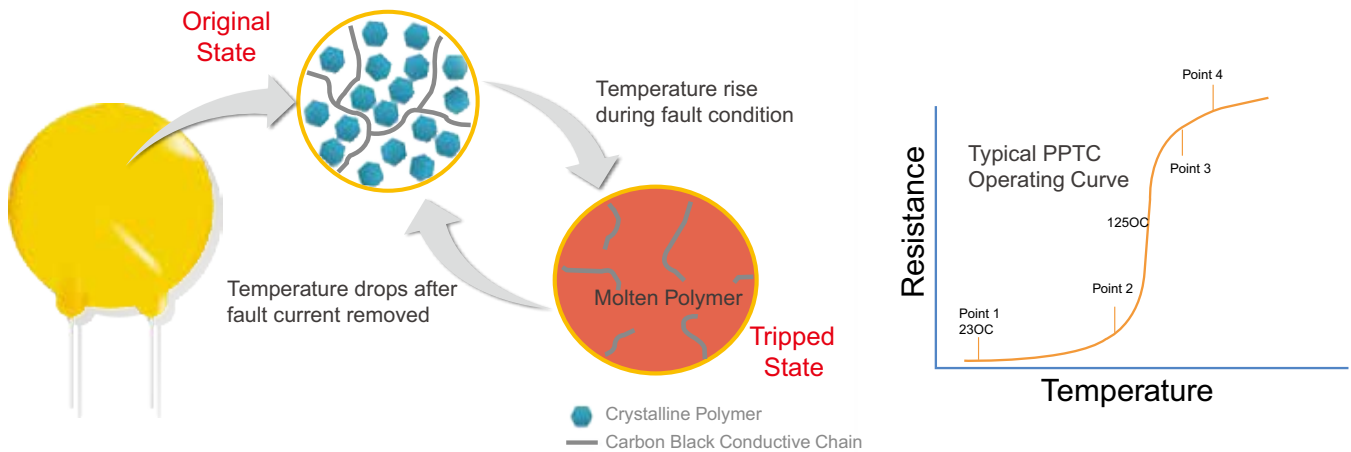
Our resettable fuses are designed and made of patented novel polymeric PTC material in thin chip form. With electrodes and leads attached on both sides, it is placed in series to protect a circuit. At “normal operating condition” the device remains at an extremely low resistance (milli-ohms) and allows the electrical current to flow through it without any restriction. When over-current conditions occur, the polymeric PTC material heats up and its resistance increases sharply. Such a sharp resistance increase (to an insulated status) cuts off the current in the circuit, and consequently protects the element and device in the circuit. Upon fault current being removed, the resettable fuse cools down and its resistance drops to the original extremely low value. The resettable fuse is “reset” and allows the current flow through the circuit again.

## PPTC in Circuit

The typical PPTC application is to be used as a series component in a circuit.



## How It Works



## Basic Structure

- Epoxy Coating
- Solder Layer
- Nickel Plated Copper Foil
- PTC Element

