



# PyroElectro.com - PyroEDU


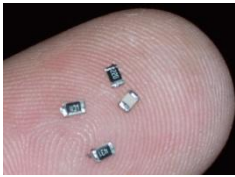
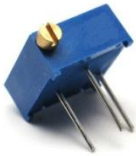

*Introduction To Modern Electronics – Lesson 3: The Resistor*

## RESISTOR COMPARISON

The following information is meant to go with the online lesson found here:  
<http://www.pyroelectro.com/edu/basics/resistor/>

## DIFFERENT TYPES OF RESISTORS

The different resistors seen below are but a taste of the many types of resistors available to buy. However, these are some of the most commonly seen resistors, so take a look through and remember them for your future endeavors in electronics.

Picture	Type	Description
	Thru-Hole Resistor	This is a very common type of resistor that can be found in any electronics shop. The 4 or 5 colors on the resistor indicate what electrical resistance it has.
	Surface-Mount Resistor	These resistors are commonly found on professional computer PCBs (printed circuit boards) and come in very tiny sizes to save space.
	Trimpot – Variable Resistor	Trimpots are commonly found in places where the electrical resistance value needs to vary in the circuit to change how it operates.
	Wire-wound Resistor	These high-power resistors are made to endure very high currents and voltages without breaking. The aluminum housed resistor to the left can take up to 250 Watts!

## ADDITIONAL INFORMATION

To ask questions about anything found in this information please head on over to the forums located at:

<http://www.pyroelectro.com/forums/viewforum.php?f=22>