Resistor



Introduction

A resistor is an electrical or electronic component that **resists** the flow of electrons in a circuit.

There are several types of resistors including carbon, ceramic, fixed wirewound, variable wirewound, stationary adjustable wirewound and forms of integrated circuits.

How much a resistor impedes the current flow is called **resistance** and is measured in **ohms**. Most resistors have a fixed value as to how much resistance they will display. Wattage, qualities and tolerance values vary according to needs.

Most of the resistors used in the MBHP hardware platform are 1/4W 5% tolerance.

You should buy a bunch of resistors @ Ebay , this is a costless investment you will find very useful in the end!

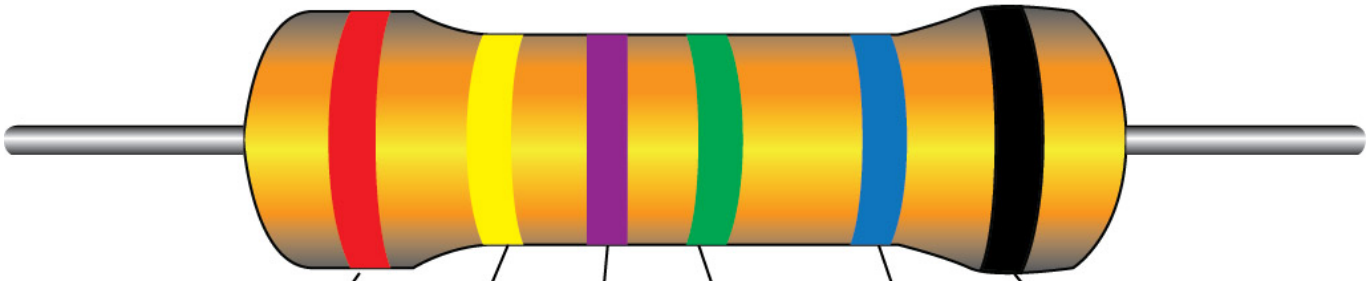
Resistor Wattage?

Resistor Specifications

- Ohms
- Tolerance
- Wattage rating

Resistor Color Code

RESISTOR COLOR CODE



1st digit	2nd digit	3rd digit	Multiply	Tolerance
0	0	0	1	1%
1	1	1	10	2%
2	2	2	100	
3	3	3	1K	
4	4	4	10K	
5	5	5	100K	0.5%
6	6	6	1M	0.25%
7	7	7	10M	0.1%
8	8	8	100M	0.05%
9	9	9	1G	
			0.1	5%
			0.01	10%

TCR

From:
https://wiki.midibox.org/ - **MIDIbox**

Permanent link:
https://wiki.midibox.org/doku.php?id=resistor

Last update: **2016/06/15 12:27**