

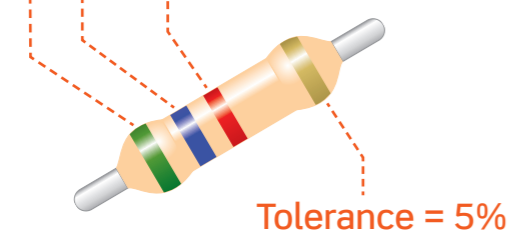
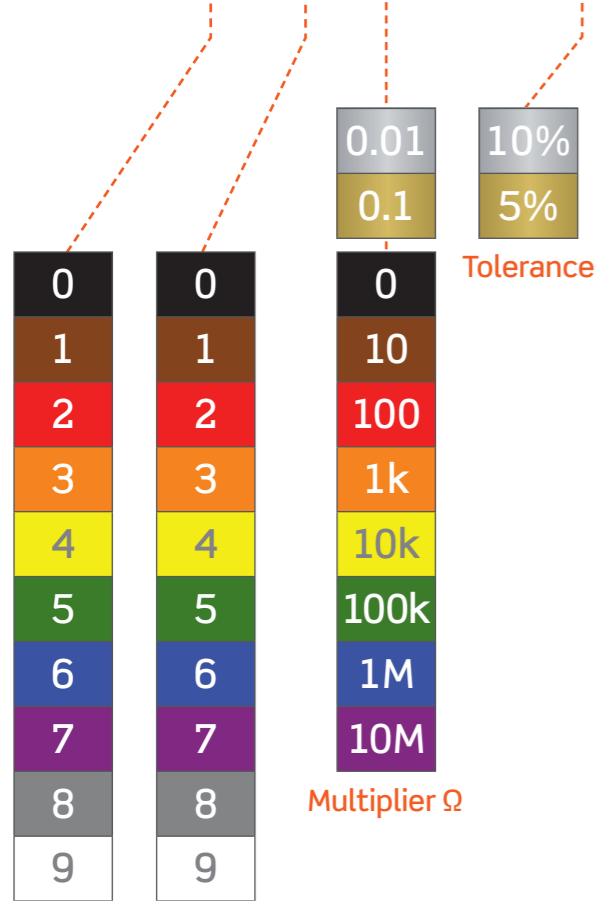
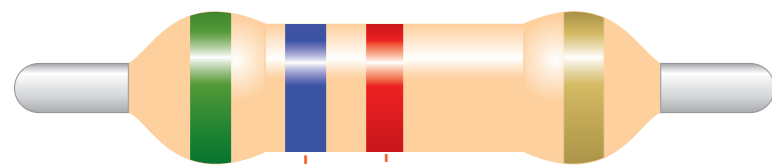
Resistor Colour Codes

4-Band & 5-Band Resistors

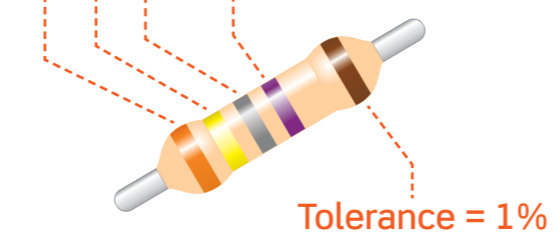
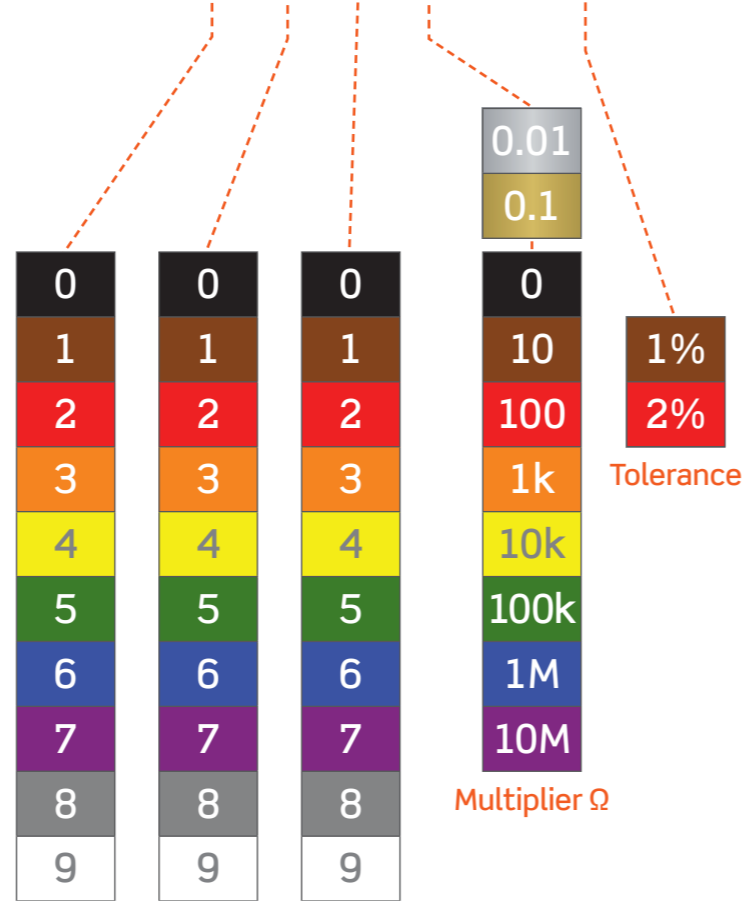
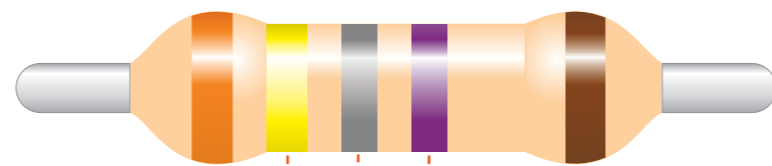


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4-BAND RESISTOR CODE

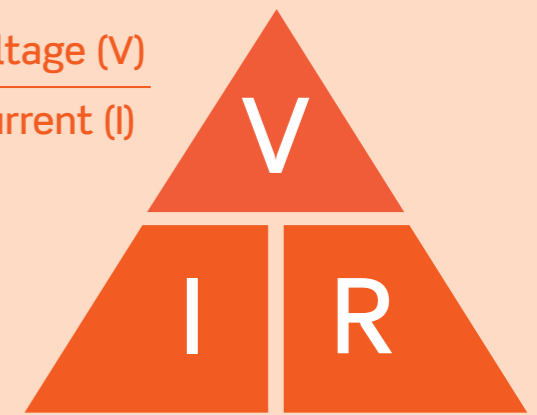


5-BAND RESISTOR CODE

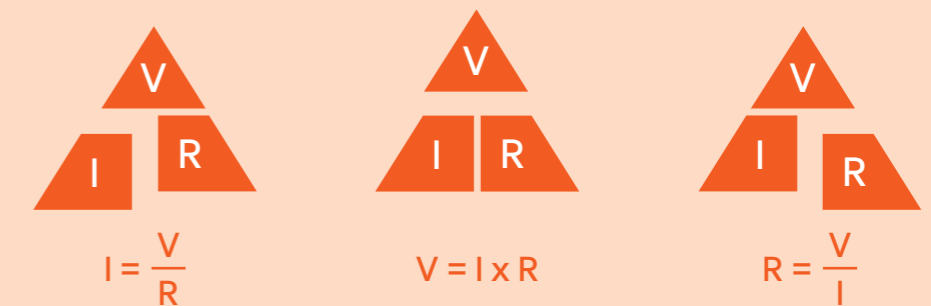


RELATIONSHIP BETWEEN R, V AND I

$$\text{Resistance (R)} = \frac{\text{Voltage (V)}}{\text{Current (I)}}$$



The relationship between voltage, current and resistance in a circuit can be written as a mathematical expression:



Resistance is measured in ohms (Ω), voltage is measured in volts and current is measured in amps.

However, if, for example, voltage is given in volts (v) and current is given in milliamps (mA), then resistance will be in kilohms (kΩ).