

Ohm's Law Formula

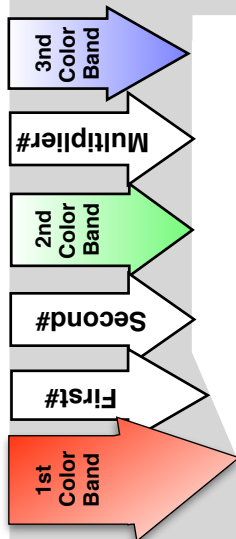
The resistor's current I in amps (A) is equal to the resistor's voltage V in volts (V) divided by the resistance R in ohms (Ω):

$$R = V / I$$

Resistor Color Wheel

K = x1,000

M = x 1,000,000



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instructables

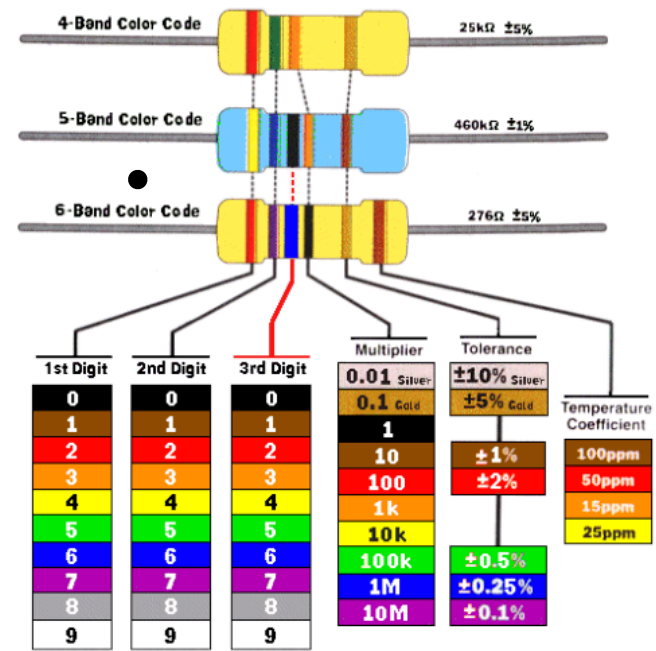


Resistor Color Wheel Tool

by JackANDJude

I made this paper reference tool to help us find the right resistor without having to look it up online. It's portable, colorful, and makes me happy.

Fourth band gold = 5% tolerance
Fourth band silver = 10% tolerance
No fourth band = 20% tolerance
 $V = I \times R$
 $I = V / R$
 $R = V / I$



Back - So you can quick reference.