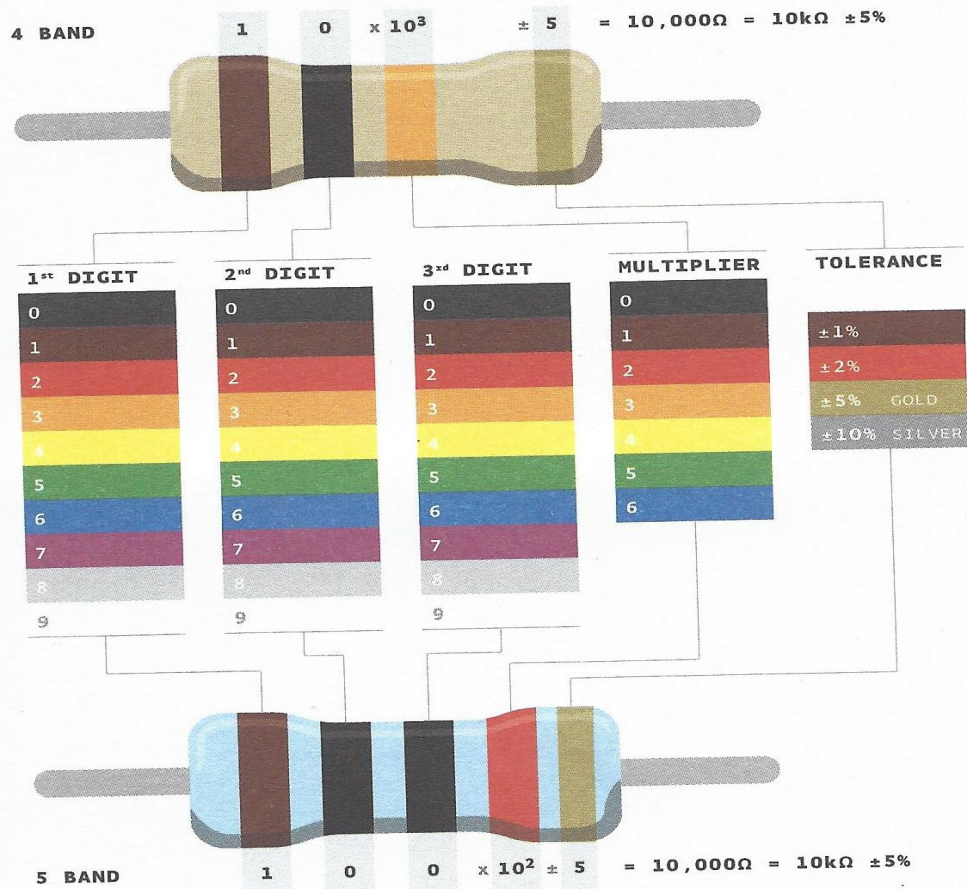


HOW TO READ RESISTOR COLOR CODES

Resistor values are marked using colored bands, according to a code developed in the 1920s, when it was too difficult to write numbers on such tiny objects.

Each color corresponds to a number, like you see in the table below. Each resistor has either 4 or 5 bands. In the 4-band type, the first two bands indicate the first two digits of the value while the third one indicates the number of zeroes that follow (technically it represents the power of ten). The last band specifies the tolerance: in the example below, gold indicates that the resistor value can be 10k ohm plus or minus 5%.



RESISTORS INCLUDED IN THE STARTER KIT

You'll find either a 4 band or a 5 band version.

			5 BAND
			4 BAND
	220Ω	560Ω	4.7kΩ
			5 BAND
			4 BAND
1kΩ	10kΩ	1MΩ	10MΩ