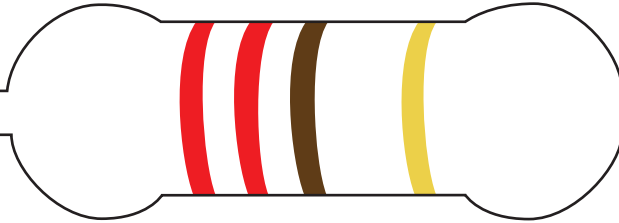


HOW TO READ A

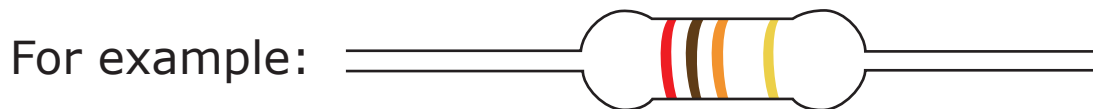


RESISTOR

Hold the resistor with the lonely stripe (usually shiny) to the right.

Now read the stripes from left to right:

The first two stripes stand for digits of a number, and the third stripe stands for the power of ten by which to multiply that number. The lonely stripe represents the margin of



Stripe one: red = 2 Stripe two: black = 0

Number to multiply = 20

Stripe three (multiplier): orange = x1000

Resistor value = 20 x 1000 = **20 K Ω**

	Digit Value	Multiplier Value	Quality Value
None			$\pm 20\%$
Silver		.01	$\pm 10\%$
Gold		.1	$\pm 5\%$
Black	0	0	
Brown	1	10	$\pm 1\%$
Red	2	100	$\pm 2\%$
Orange	3	1000	
Yellow	4	10000	
Green	5	100000	
Blue	6	1000000	
Purple	7	10000000	
Grey	8		
White	9		

Resistor Color Code Chart

