

Resistor color-codes

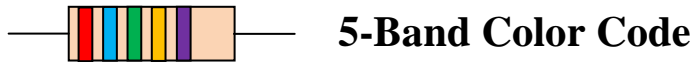


1st band is the first digit of the resistance value.

2nd band is the second digit of the resistance value.

3rd band is the number of zeros following the second digit, or the multiplier.

4th band indicates the percent tolerance.



1st band is the first digit of the resistance value.

2nd band is the second digit of the resistance value.

3rd band is the third digit of the resistance value.

4th band is the number of zeros following the third digit, or the multiplier.

5th band indicates the percent tolerance.

Digit	Color	Multiplier	Tolerance (last band)	
0	Black	10^0		
1	Brown	10^1	$\pm 1\%$	5-Band Color Code
2	Red	10^2	$\pm 2\%$	5-Band Color Code
3	Orange	10^3		
4	Yellow	10^4		
5	Green	10^5	$\pm 0.5\%$	5-Band Color Code
6	Blue	10^6	$\pm 0.25\%$	5-Band Color Code
7	Violet		$\pm 0.1\%$	5-Band Color Code
8	Gray			
9	White			
	Gold	10^{-1}	$\pm 5\%$	4-Band Color Code
	Silver	10^{-2}	$\pm 10\%$	4-Band Color Code