

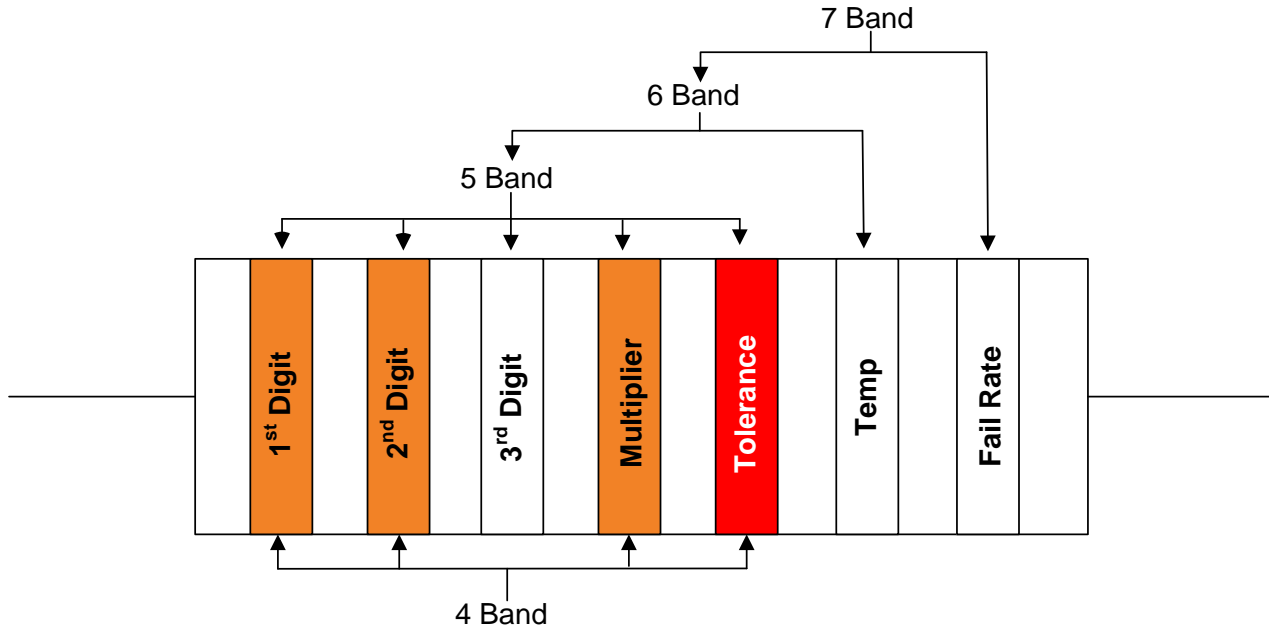
Resistor Colour Code Chart

1. Position the resistor with the gold or silver colour band to the right..
2. Read the colour sequence from left to right
3. Determine the decoded number for the resistive value.



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E.g. Shown 3K3Ω ± 2%



Colour	1 st Digit	2 nd Digit	3 rd Digit	Multiplier	Tolerance	Temp	Fail Rate
Black	0	0	0	x1			
Brown	1	1	1	x10	± 1% (F)	100ppm/K	1%
Red	2	2	2	x10 ² (100)	± 2% (G)	50ppm/K	0.1%
Orange	3	3	3	x10 ³ (1K)		15ppm/K	0.01%
Yellow	4	4	4	x10 ⁴ (10K)		25ppm/K	0.001%
Green	5	5	5	x10 ⁵ (100K)	± 0.5% (D)		
Blue	6	6	6	x10 ⁶ (1M)	± 0.25% (C)		
Violet	7	7	7	x10 ⁷ (10M)	± 0.1% (B)		
Grey	8	8	8	x10 ⁸ (100M)	± 0.05% (A)		
White	9	9	9	x10 ⁹ (1G)			
Gold				x0.1	± 5% (J)		
Silver				x0.01	± 10% (K)		
None					± 20% (M)		

NB: 3rd digit only used for '5' band resistors.
Temp only used for '6' band resistors.
Fail Rate only used for '7' band resistors.