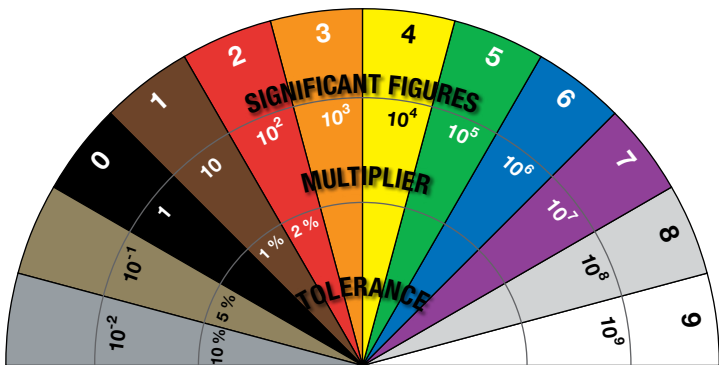
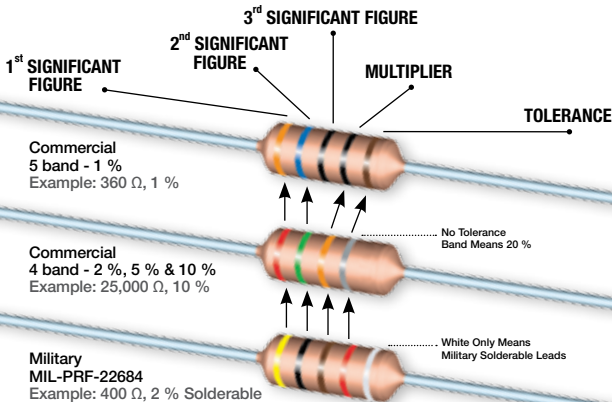




# RESISTOR COLOR CODE CHART



One of the World's Largest Manufacturers of  
**Discrete Semiconductors and Passive Components**



# STANDARD RESISTANCE VALUES

E192		E96		E192		E96		E192		E96	
.1%, .25%, 5%	1%	.1%, .25% 5%	1%	.1%, .25%, 5%	1%	.1%, .25%, 5%	1%	.1%, .25%, 5%	1%	.1%, .25%, 5%	1%
10.0	10.0	16.9	16.9	28.7	28.7	48.1		81.6			
10.1		17.2		29.1		48.7	48.7	82.5	82.5		
10.2	10.2	17.4	17.4	29.4	29.4	49.3		83.5			
10.4		17.6		29.8		49.9	49.9	84.5	84.5		
10.5	10.5	17.8	17.8	30.1	30.1	50.5		85.6			
10.6		18.0		30.5		51.1	51.1	86.6	86.6		
10.7	10.7	18.2	18.2	30.9	30.9	51.7		87.6			
10.9		18.4		31.2		52.3	52.3	88.7	88.7		
11.0	11.0	18.7	18.7	31.6	31.6	53.0		89.8			
11.1		18.9		32.0		53.6	53.6	90.9	90.9		
11.3	11.3	19.1	19.1	32.4	32.4	54.2		92.0			
11.4		19.3		32.8		54.9	54.9	93.1	93.1		
11.5	11.5	19.6	19.6	33.2	33.2	55.6		94.2			
11.7		19.8		33.6		56.2	56.2	95.3	95.3		
11.8	11.8	20.0	20.0	34.0	34.0	56.9		96.5			
12.0		20.3		34.4		57.6	57.6	97.6	97.6		
12.1	12.1	20.5	20.5	34.8	34.8	58.3		98.8			
12.3		20.8		35.2		59.0	59.0				
12.4	12.4	21.0	21.0	35.7	35.7	59.7					
12.6		21.3		36.1		60.4	60.4				
12.7	12.7	21.5	21.5	36.5	36.5	61.2					
12.9		21.8		37.0		61.9	61.9				
13.0	13.0	22.1	22.1	37.4	37.4	62.6					
13.2		22.3		37.9		63.4	63.4				
13.3	13.3	22.6	22.6	38.3	38.3	64.2					
13.5		22.9		38.8		64.9	64.9				
13.7	13.7	23.2	23.2	39.2	39.2	65.7					
13.8		23.4		39.7		66.5	66.5				
14.0	14.0	23.7	23.7	40.2	40.2	67.3					
14.2		24.0		40.7		68.1	68.1				
14.3	14.3	24.3	24.3	41.2	41.2	69.0					
14.5		24.6		41.7		69.8	69.8				
14.7	14.7	24.9	24.9	42.2	42.2	70.6					
14.9		25.2		42.7		71.5	71.5				
15.0	15.0	25.5	25.5	43.2	43.2	72.3					
15.2		25.8		43.7		73.2	73.2				
15.4	15.4	26.1	26.1	44.2	44.2	74.1					
15.6		26.4		44.8		75.0	75.0				
15.8	15.8	26.7	26.7	45.3	45.3	75.9					
16.0		27.1		45.9		76.8	76.8				
16.2	16.2	27.4	27.4	46.4	46.4	77.7					
16.4		27.7		47.0		78.7	78.7				
16.5	16.5	28.0	28.0	47.5	47.5	79.6					
16.7		28.4				80.6	80.6				

E24		E12	
2%, 5%	10%		
10	10		
11	11		
12	12		
13	13		
15	15		
16	16		
18	18		
20	20		
22	22		
24	24		
27	27		
30	30		
33	33		
36	36		
39	39		
43	43		
47	47		
51	51		
56	56		
62	62		
68	68		
75	75		
82	82		
91	91		

Standard resistance values are obtained from the decade table by multiplying or dividing by powers of 10. As an example, 13.3 can represent 13.3 Ω, 0.133 Ω, 1.33 Ω, 133 Ω, 1.33 K, 13.3 K, 133 K, or 1.33 MΩ.

- B = 0.1 %
- C = 0.25 %
- D = 0.5 %
- F = 1 %
- G = 2 %
- J = 5 %
- K = 10 %