

EIA STANDARD RESISTOR VALUES

These values under 100 Ohms are meant to show the significant digits. All resistors would have these values multiplied by the appropriate power of 10. For example, a 1% resistor could be 10.2 Ohms, 102 Ohms, 1020 Ohms, 10200 Ohms, and so forth.

0.1%, 0.25%,

& 0.5% 1% 2% & 5% 10%

10.0	10.0	10.0	10.0
10.1	10.2	11.0	12.0
10.2	10.5	12.0	15.0
10.4	10.7	13.0	18.0
10.5	11.0	15.0	22.0
10.6	11.3	16.0	27.0
10.7	11.5	18.0	33.0
10.9	11.8	20.0	39.0
11.0	12.1	22.0	47.0
11.1	12.4	24.0	56.0
11.3	12.7	27.0	68.0
11.4	13.0	30.0	82.0
11.5	13.3	33.0	
11.7	13.7	36.0	
11.8	14.0	39.0	
12.0	14.3	43.0	
12.1	14.7	47.0	
12.3	15.0	51.0	
12.4	15.4	56.0	
12.6	15.8	62.0	
12.7	16.2	68.0	
12.9	16.5	75.0	
13.0	16.9	82.0	
13.2	17.4	91.0	
13.3	17.8		
13.5	18.2		
13.7	18.7		
13.8	19.1		
14.0	19.6		
14.2	20.0		
14.3	20.5		
14.5	21.0		
14.7	21.5		
14.9	22.1		
15.0	22.6		
15.2	23.2		
15.4	23.7		
15.6	24.3		
15.8	24.9		
16.0	25.5		
16.2	26.1		
16.4	26.7		
16.5	27.4		
16.7	28.0		
16.9	28.7		

17.2	29.4
17.4	30.1
17.6	30.9
17.8	31.6
18.0	32.4
18.2	33.2
18.4	34.0
18.7	34.8
18.9	35.7
19.1	36.5
19.3	37.4
19.6	38.3
19.8	39.2
20.0	40.2
20.3	41.2
20.5	42.2
20.8	43.2
21.0	44.2
21.3	45.3
21.5	46.4
21.8	47.5
22.1	48.7
22.3	49.9
22.6	51.1
22.9	52.3
23.2	53.6
23.4	54.9
23.7	56.2
24.0	57.6
24.3	59.0
24.6	60.4
24.9	61.9
25.2	63.4
25.5	64.9
25.8	66.5
26.1	68.1
26.4	69.8
26.7	71.5
27.1	73.2
27.4	75.0
27.7	76.8
28.0	78.7
28.4	80.6
28.7	82.5
29.1	84.5
29.4	86.6
29.8	88.7
30.1	90.9
30.5	93.1
30.9	95.3
31.2	97.6
31.6	

32.0
32.4
32.8
33.2
33.6
34.0
34.4
34.8
35.2
35.7
36.1
36.5
37.0
37.4
37.9
38.3
38.8
39.2
39.7
40.2
40.7
41.2
41.7
42.2
42.7
43.2
43.7
44.2
44.8
45.3
45.9
46.4
47.0
47.5
48.1
48.7
49.3
49.9
50.5
51.1
51.7
52.3
53.0
53.6
54.2
54.9
55.6
56.2
56.9
57.6
58.3
59.0

59.7
60.4
61.2
61.9
62.6
63.4
64.2
64.9
65.7
66.5
67.3
68.1
69.0
69.8
70.6
71.5
72.3
73.2
74.1
75.0
75.9
76.8
77.7
78.7
79.6
80.6
81.6
82.5
83.5
84.5
85.6
86.6
87.6
88.7
89.8
90.9
92.0
93.1
94.2
95.3
96.5
97.6
98.8