

NUMERIC NUMBERING (CHIP RESISTOR)

5% Tolerance: 3 digits (First 2 digits are significant figures, third digit is number of zeros. Letter R is decimal point).

* 4 digits alpha numeric marking for ultra low resistance chip resistor.

Code	Resistance Value
1R0	1.0 ohm
100	10 ohm
101	100 ohm

1% Tolerance: 4 digits (First 3 digits are significant figures, fourth digit is number of zeros. Letter R is decimal point).

Examples

Code	Resistance Value
1R00	1.0 ohm
10R0	10.0 ohm
1000	100 ohm
1001	1K ohm

0603 1% E-96 MARKING

Code R Value	Code R Value	Code R Value	Code R Value	Code R Value
01 100	21 162	40 255	59 402	78 634
02 102	22 165	41 261	60 412	79 649
03 105	23 169	42 267	61 422	80 665
04 107	24 174	43 274	62 432	81 681
05 110	25 178	44 280	63 442	82 698
06 113	26 182	45 287	64 453	83 715
07 115	27 187	46 294	65 464	84 732
08 118	28 191	47 301	66 475	85 750
09 121	29 196	48 309	67 487	86 768
10 124	30 200	49 316	68 499	87 787
11 127	31 205	50 324	69 511	88 806
12 130	32 210	51 332	70 523	89 825
13 133	33 215	52 340	71 536	90 845
14 137	34 221	53 348	72 549	91 866
15 140	35 226	54 357	73 562	92 887
16 143	36 232	55 365	74 576	93 909
17 147	37 237	56 374	75 590	94 931
18 150	38 243	57 383	76 604	95 953
19 154	39 249	58 392	77 619	96 976
20 158				

This table shows the first two digits for the three-digits E-96 part marking scheme. The third character is a letter multiplier:

S=10⁻² R=10⁻¹ A=10⁰ B=10¹ C=10² D=10³ E=10⁴ F=10⁵

Example:

1K=01B (100×10¹=1000)

10K=01C (100×10²=10000)

100K=01D

Marking for 0603 1% will be as per table above except for those resistance values available in E24 series and not in E96 series will be in three-digits (e.g. 12Ω = 120)