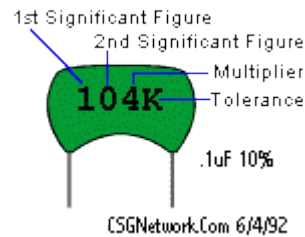


## Capacitor Code Information

This table is designed to provide the value of alphanumeric coded ceramic, mylar and mica [capacitors](#) in general. They come in many sizes, shapes, values and ratings; many different manufacturers worldwide produce them and not all play by the same rules. Most capacitors actually have the numeric values stamped on them, however, some are color coded and some have alphanumeric codes. The capacitor's first and second significant number IDs and are the first and second values, followed by the multiplier number code, followed by the percentage tolerance letter code. Usually the first two digits of the code represent the significant part of the value, while the third digit, called the multiplier, corresponds to the number of zeros to be added to the first two digits. After that, the differences may show up. Use this information as a guideline and at your own risk. If you are in question, try to locate the original manufacturer and seek information from that source.



VALUE CODE	TYPE	CODE	VALUE	TYPE
1.5pF Ceramic / Mylar	Ceramic	102	1,000pF / .001uF	
3.3pF Ceramic / Mylar	Ceramic	152	1,500pF / .0015uF	
10pF Ceramic / Mylar	Ceramic	202	2,000pF / .002uF	
15pF Ceramic / Mylar	Ceramic	222	2,200pF / .0022uF	
20pF Ceramic / Mylar	Ceramic	472	4,700pF / .0047uF	
30pF Ceramic / Mylar	Ceramic	502	5,000pF / .005uF	
33pF Ceramic / Mylar	Ceramic	562	5,600pF / .0056uF	

47pF	Ceramic		6,800pF / .0068uF
Ceramic / Mylar		682	
56pF	Ceramic		.01
Ceramic / Mylar		103	
68pF	Ceramic		.015
Mylar			
75pF	Ceramic		.02
Mylar		203	
82pF	Ceramic		.022
Mylar		223	
91pF	Ceramic		.033
Mylar		333	
100pF	Ceramic	101	.047
Mylar		473	
120pF	Ceramic	121	.05
Mylar		503	
130pF	Ceramic	131	.056
Mylar		563	
150pF	Ceramic	151	.068
Mylar		683	
180pF	Ceramic	181	.1
Mylar		104	
220pF	Ceramic	221	.2
Mylar		204	
330pF	Ceramic	331	.22
Mylar		224	
470pF	Ceramic	471	.33
Mylar		334	
560pF	Ceramic	561	.47
Mylar		474	
680pF	Ceramic	681	.56
Mylar		564	
750pF	Ceramic	751	1
Mylar		105	

820pF	Ceramic	821	2
Mylar		205	

### General Capacitance Codebreaker Information

PicoFarad (pF)	NanoFarad (nF)	MicroFarad (mF,uF or mfd)	Capacitance Code
1000	1 or 1n	0.001	102
1500	1.5 or 1n5	0.0015	152
2200	2.2 or 2n2	0.0022	222
3300	3.3 or 3n3	0.0033	332
4700	4.7 or 4n7	0.0047	472
6800	6.8 or 6n8	0.0068	682
10000	10 or 10n	0.01	103
15000	15 or 15n	0.015	153
22000	22 or 22n	0.022	223
33000	33 or 33n	0.033	333
47000	47 or 47n	0.047	473
68000	68 or 68n	0.068	683
100000	100 or 100n	0.1	104
150000	150 or 150n	0.15	154
220000	220 or 220n	0.22	224
330000	330 or 330n	0.33	334
470000	470 or 470n	0.47	474

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