Chip Marking System

If required, we can mark capacitors with the EIA 198 two digit code to show the capacitance value of the part. On chips larger than 3333, or for leaded encapsulated devices, ink marking is available. However, for chip sizes 0805 through to 3333 identification marking is accomplished by using either laser or ink jet printer. This system does not degrade the ceramic surface, or induce microcracks in the part.

Marking for other sizes may be available upon special request to determine if applicable; please contact the sales office.

Marking is an option on Novacap and Syfer branded products and needs to be specified when ordering.

Two position alpha numeric marking is available on chip sizes 0805 through 3333.
The marking denotes retma value and significant figures of capacitance (see table) eg: A5 = 100,000pF.

Three position alpha numeric marking is available on chip sizes 1206 and larger.
The making denotes Novacap as vendor (N), followed by the standard two digit alpha numeric identification.

Marking Code - value in picofarads for alpha-numeric code

Number		0	1	2	3	4	5	6	7	9
Letter	A	1.0	10	100	1,000	10,000	100,000	1,000,000	10,000,000	0.1
	B	1.1	11	110	1,100	11,000	110,000	1,100,000	11,000,000	0.11
	C	1.2	12	120	1,200	12,000	120,000	1,200,000	12,000,000	0.12
	D	1.3	13	130	1,300	13,000	130,000	1,300,000	13,000,000	0.13
	E	1.5	15	150	1,500	15,000	150,000	1,500,000	15,000,000	0.15
	F	1.6	16	160	1,600	16,000	160,000	1,600,000	16,000,000	0.16
	G	1.8	18	180	1,800	18,000	180,000	1,800,000	18,000,000	0.18
	H	2.0	20	200	2,000	20,000	200,000	2,000,000	20,000,000	0.2
	J	2.2	22	220	2,200	22,000	220,000	2,200,000	22,000,000	0.22
	K	2.4	24	240	2,400	24,000	240,000	2,400,000	24,000,000	0.24
	L	2.7	27	270	2,700	27,000	270,000	2,700,000	27,000,000	0.27
	M	3.0	30	300	3,000	30,000	300,000	3,000,000	30,000,000	0.3
	N	3.3	33	330	3,300	33,000	330,000	3,000,000	33,000,000	0.33
	P	3.6	36	360	3,600	36,000	360,000	3,600,000	36,000,000	0.36
	Q	3.9	39	390	3,900	39,000	390,000	3,900,000	39,000,000	0.39
	R	4.3	43	430	4,300	43,000	430,000	4,300,000	43,000,000	0.43
	S	4.7	47	470	4,700	47,000	470,000	4,700,000	47,000,000	0.47
	T	5.1	51	510	5,100	51,000	510,000	5,100,000	51,000,000	0.51
	U	5.6	56	560	5,600	56,000	560,000	5,600,000	56,000,000	0.56
	V	6.2	62	620	6,200	62,000	620,000	6,200,000	62,000,000	0.62
	W	6.8	68	680	6,800	68,000	680,000	6,800,000	68,000,000	0.68
	X	7.5	75	750	7,500	75,000	750,000	7,500,000	75,000,000	0.75
	Y	8.2	82	820	8,200	82,000	820,000	8,200,000	82,000,000	0.82
	Z	9.1	91	910	9,100	91,000	920,000	9,200,000	92,000,000	0.91
	a	2.5	25	250	2,500	25,000	250,000	2,500,000	25,000,000	0.25
	b	3.5	35	350	3,500	35,000	350,000	3,500,000	35,000,000	0.35
	d	4.0	40	400	4,000	40,000	400,000	4,000,000	40,000,000	0.4
	e	4.5	45	450	4,500	45,000	450,000	4,500,000	45,000,000	0.45
	f	5.0	50	500	5,000	50,000	500,000	5,000,000	50,000,000	0.5
	m	6.0	60	600	6,000	60,000	600,000	6,000,000	60,000,000	0.6
	n	7.0	70	700	7,000	70,000	700,000	7,000,000	70,000,000	0.7
	t	8.0	80	800	8,000	80,000	800,000	8,000,000	80,000,000	0.8
	y	9.0	90	900	9,000	90,000	900,000	9,000,000	90,000,000	0.9