



CHIP MARKING SYSTEM



NOVACAP chip identification marking is accomplished using an excimer laser which does not degrade the ceramic surface or induce microcracks. The marking code is based on EIA 198 two digit code which determines capacitance value. Laser marking is available for chip sizes 0805 through 2628. Other sizes require special request to determine if applicable. Ink marking is available for chips larger than 2628, or for leaded encapsulated devices. Marking is an option, specify using the letter M in the part number code, as shown below.

MARKING CODE

Value in picofarads for alpha-numeric code

	0	1	2	3	4	5	6	7
A	1.0	10	100	1,000	10,000	100,000	1,000,000	10,000,000
B	1.1	11	110	1,100	11,000	110,000	1,100,000	11,000,000
C	1.2	12	120	1,200	12,000	120,000	1,200,000	12,000,000
D	1.3	13	130	1,300	13,000	130,000	1,300,000	13,000,000
E	1.5	15	150	1,500	15,000	150,000	1,500,000	15,000,000
F	1.6	16	160	1,600	16,000	160,000	1,600,000	16,000,000
G	1.8	18	180	1,800	18,000	180,000	1,800,000	18,000,000
H	2.0	20	200	2,000	20,000	200,000	2,000,000	20,000,000
J	2.2	22	220	2,200	22,000	220,000	2,200,000	22,000,000
K	2.4	24	240	2,400	24,000	240,000	2,400,000	24,000,000
L	2.7	27	270	2,700	27,000	270,000	2,700,000	27,000,000
M	3.0	30	300	3,000	30,000	300,000	3,000,000	30,000,000
N	3.3	33	330	3,300	33,000	330,000	3,300,000	33,000,000
P	3.6	36	360	3,600	36,000	360,000	3,600,000	36,000,000
Q	3.9	39	390	3,900	39,000	390,000	3,900,000	39,000,000
R	4.3	43	430	4,300	43,000	430,000	4,300,000	43,000,000
S	4.7	47	470	4,700	47,000	470,000	4,700,000	47,000,000
T	5.1	51	510	5,100	51,000	510,000	5,100,000	51,000,000
U	5.6	56	560	5,600	56,000	560,000	5,600,000	56,000,000
V	6.2	62	620	6,200	62,000	620,000	6,200,000	62,000,000
W	6.8	68	680	6,800	68,000	680,000	6,800,000	68,000,000
X	7.5	75	750	7,500	75,000	750,000	7,500,000	75,000,000
Y	8.2	82	820	8,200	82,000	820,000	8,200,000	82,000,000
Z	9.1	91	910	9,100	91,000	910,000	9,100,000	91,000,000
a	2.5	25	250	2,500	25,000	250,000	2,500,000	25,000,000
b	3.5	35	350	3,500	35,000	350,000	3,500,000	35,000,000
d	4.0	40	400	4,000	40,000	400,000	4,000,000	40,000,000
e	4.5	45	450	4,500	45,000	450,000	4,500,000	45,000,000
f	5.0	50	500	5,000	50,000	500,000	5,000,000	50,000,000
m	6.0	60	600	6,000	60,000	600,000	6,000,000	60,000,000
n	7.0	70	700	7,000	70,000	700,000	7,000,000	70,000,000
t	8.0	80	800	8,000	80,000	800,000	8,000,000	80,000,000
y	9.0	90	900	9,000	90,000	900,000	9,000,000	90,000,000

LETTER



Two position alpha numeric marking is available on chip sizes 0805 through 2628. The marking denotes retma value and significant figures of capacitance (see table) eg: A5 = 100,000 pF



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