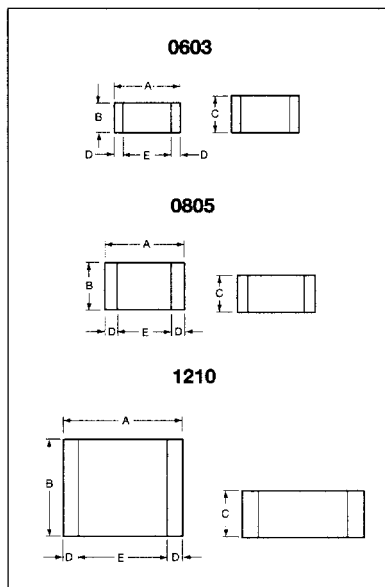


Microwave NP0 Chip Capacitors



HOW TO ORDER

0805 1 U 100 J A T M A

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨

① Case Size

② **Voltage:** A = 50V B = 100V C = 200V

③ **Dielectric** = Ultra Low ESR

④ **Capacitance Code**

⑤ Capacitance Tolerance:

B=±.1pF C=±.25pF D=±.5pF F=±1%
G=±2% J=5% K=10% M=±20%

⑥ **A** = Not applicable

⑦ **Termination**

⑧ **Packaging:** M = 7" reel embossed tape/marked

R = 13" reel embossed tape/marked

9 = Bulk

⑨ **Standard:** 2 = 7" reel paper tape/unmarked

4 = 13" reel paper tape/unmarked

Standard Packaging

	BULK	TAPE & REEL	
		7"	13"
0603	5,000	4,000	10,000
0805	5,000	4,000	10,000
1210	5,000	4,000	10,000

Dimensions: millimeters (inches)

Size	A	B	C	D	E
0603	1.52±.25 (0.060±0.010)	.76±.25 (0.030±0.010)	.91 (0.036) max.	.25±.13 (0.010±0.005)	.76 (0.030) min.
0805	2.01±.2 (0.079±0.008)	1.25±.2 (0.049±0.008)	1.02±.127 (0.040±0.005)	.51±.255 (0.020±0.010)	.51 (0.020) min.
1210	3.2±.2 (0.126±0.008)	2.49±.2 (0.098±0.008)	1.27±.127 (0.050±0.005)	.635±.381 (0.025±0.015)	1.02 (0.040) min.

Capacitance Range - NP0 (C0G)

Cap (pF)	Available Tolerance	Size		
		0603	0805	1210
1.0	BCD	50V	100V	200V
1.1	↑	↑	↑	↑
1.2	↑	↑	↑	↑
1.3	↑	↑	↑	↑
1.4	↑	↑	↑	↑
1.5	↑	↑	↑	↑
1.6	↑	↑	↑	↑
1.7	↑	↑	↑	↑
1.8	↑	↑	↑	↑
1.9	↑	↑	↑	↑
2.0	↑	↑	↑	↑
2.1	↑	↑	↑	↑
2.2	↑	↑	↑	↑
2.4	↑	↑	↑	↑
2.7	↑	↑	↑	↑
3.0	↑	↑	↑	↑
3.3	↑	↑	↑	↑
3.6	↑	↑	↑	↑
3.9	↑	↑	↑	↑
4.3	↑	↑	↑	↑
4.7	↑	↑	↑	↑
5.1	↑	↑	↑	↑
5.6	↑	↑	↑	↑
6.2	BCD	50V	100V	200V
6.8	BCJKM	↑	↑	↑

Cap (pF)	Available Tolerance	Size		
		0603	0805	1210
7.5	BCJKM	50V	100V	200V
8.2	↑	↑	↑	↑
9.1	BCJKM	↑	↑	↑
10	FGJKM	↑	↑	↑
11	↑	↑	↑	↑
12	↑	↑	↑	↑
13	↑	↑	↑	↑
15	↑	↑	↑	↑
16	↑	↑	↑	↑
18	↑	↑	↑	↑
20	↑	↑	↑	↑
22	↑	↑	↑	↑
24	↑	↑	↑	↑
27	↑	↑	↑	↑
30	↑	↑	↑	↑
33	↑	↑	↑	↑
36	↑	↑	↑	↑
39	↑	↑	↑	↑
43	↑	↑	↑	↑
47	↑	↑	↑	↑
51	↑	50V	N/A	↑
56	↑	↑	↑	↑
68	↑	↑	↑	↑
75	↑	↑	↑	↑
82	↑	↑	↑	↑
91	FGJKM	N/A	100V	200V

Cap (pF)	Available Tolerance	Size		
		0603	0805	1210
100	FGJKM	N/A	100V	200V
110	↑	↑	↑	↑
120	↑	↑	↑	↑
130	↑	↑	↑	↑
140	↑	↑	↑	↑
150	↑	↑	↑	↑
160	↑	↑	↑	↑
180	↑	↑	↑	↑
200	↑	↑	↑	↑
220	↑	↑	↑	↑
270	↑	↑	↑	↑
300	↑	↑	↑	↑
330	↑	↑	↑	↑
360	↑	↑	↑	↑
390	↑	↑	↑	↑
430	↑	↑	↑	↑
470	↑	↑	↑	↑
510	↑	↑	↑	↑
560	↑	↑	↑	↑
620	↑	↑	↑	↑
680	↑	↑	↑	↑
750	↑	↑	↑	↑
820	↑	↑	↑	↑
910	↑	↑	↑	↑
1000	FGJKM	N/A	N/A	100V

Additional information on this product is available from AVX's catalog or AVX's FAX Service.
Call 1-800-879-1613 and request document #011. Visit our website <http://www.avxcorp.com>

