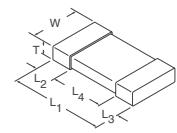


Surface Mount Ceramic Multilayer Chip Capacitors – 0402, 0603, 0805, 1206, 1812

Features: • High capacitance per unit volume • For high frequency applications
Applications: • NiSn terminations • Consumer electronics • Telecommunications
 • Automotive • Data processing

Case Size	Dimensions — mm				
	L1	W	L2 and L3		L4 Min.
			Min.	Max.	
0402	1.0	0.5	0.20	0.30	0.40
0603	1.6	0.8	0.20	0.60	0.40
0805	2.0	1.25	0.25	0.75	0.55
1206	3.2	1.6	0.25	0.75	1.40
1812	4.5	3.2	0.25	0.75	2.20



Case Size	Type	WV DC	Capacitance	Tolerance	Dim. T Nom. (mm)	Digi-Key Part No.	Cut Tape Pricing			Digi-Key Part No.	Tape and Reel		Yageo Part No.
							10	100	500		Qty.	Pricing	
0402	NPO	50	.5pF	±0.25pF	0.5	311-1001-1-ND	.73	4.32	12.49	311-1001-2-ND	10,000	11.99/M	CC0402CRNPO9BNR50
	NPO	50	1.2pF	±0.25pF	0.5	311-1002-1-ND	.83	4.94	14.26	311-1002-2-ND	10,000	13.69/M	CC0402CRNPO9BN1R2
	NPO	50	1.5pF	±0.25pF	0.5	311-1003-1-ND	.83	4.94	14.26	311-1003-2-ND	10,000	13.69/M	CC0402CRNPO9BN1R5
	NPO	50	1.8pF	±0.25pF	0.5	311-1004-1-ND	.83	4.94	14.26	311-1004-2-ND	10,000	13.69/M	CC0402CRNPO9BN1R8
	NPO	50	2.0pF	±0.25pF	0.5	311-1006-1-ND	.73	4.32	12.49	311-1006-2-ND	10,000	11.99/M	CC0402CRNPO9BN2R0
	NPO	50	2.2pF	±0.25pF	0.5	311-1354-1-ND	.18	1.06	3.04	311-1354-2-ND	10,000	2.92/M	CC0402CRNPO9BN2R2
	NPO	50	2.7pF	±0.25pF	0.5	311-1005-1-ND	.73	4.32	12.49	311-1005-2-ND	10,000	11.99/M	CC0402CRNPO9BN2R7
	NPO	50	3.0pF	±0.25pF	0.5	311-1007-1-ND	.87	5.20	14.97	311-1007-2-ND	10,000	14.37/M	CC0402CRNPO9BN3R0
	NPO	50	3.3pF	±0.25pF	0.5	311-1008-1-ND	.73	4.32	12.49	311-1008-2-ND	10,000	11.99/M	CC0402CRNPO9BN3R3
	NPO	50	4.7pF	±0.25pF	0.5	311-1367-1-ND	.18	1.06	3.04	311-1367-2-ND	10,000	2.92/M	CC0402CRNPO9BN4R7
	NPO	50	5.0pF	±0.25pF	0.5	311-1010-1-ND	.73	4.32	12.49	311-1010-2-ND	10,000	11.99/M	CC0402CRNPO9BN5R0
	NPO	50	5.6pF	±0.5pF	0.5	311-1011-1-ND	.73	4.32	12.49	311-1011-2-ND	10,000	11.99/M	CC0402DRNPO9BN5R6
	NPO	50	8.2pF	±0.5pF	0.5	311-1012-1-ND	.73	4.32	12.49	311-1012-2-ND	10,000	11.99/M	CC0402DRNPO9BN8R2
	NPO	50	9.1pF	±0.5pF	0.5	311-1013-1-ND	.73	4.32	12.49	—	—	—	CC0402DRNPO9BN9R1
	NPO	50	10pF	±5%	0.5	311-1014-1-ND	.17	.99	2.86	311-1014-2-ND	10,000	2.74/M	CC0402JRNPO9BN100
	NPO	50	11pF	±5%	0.5	311-1015-1-ND	.55	3.21	9.24	—	—	—	CC0402JRNPO9BN110
	NPO	50	12pF	±5%	0.5	311-1016-1-ND	.17	.99	2.86	311-1016-2-ND	10,000	2.74/M	CC0402JRNPO9BN120
	NPO	50	15pF	±5%	0.5	311-1017-1-ND	.17	.99	2.86	311-1017-2-ND	10,000	2.74/M	CC0402JRNPO9BN150
	NPO	50	22pF	±5%	0.5	311-1018-1-ND	.17	.99	2.86	311-1018-2-ND	10,000	2.74/M	CC0402JRNPO9BN220
	NPO	50	24pF	±5%	0.5	311-1348-1-ND	.17	.99	2.86	311-1348-2-ND	10,000	2.74/M	CC0402JRNPO9BN240
	NPO	50	27pF	±5%	0.5	311-1019-1-ND	.17	.99	2.86	311-1019-2-ND	10,000	2.74/M	CC0402JRNPO9BN270
	NPO	50	33pF	±5%	0.5	311-1020-1-ND	.17	.99	2.86	311-1020-2-ND	10,000	2.74/M	CC0402JRNPO9BN330
	NPO	50	39pF	±5%	0.5	311-1009-1-ND	.18	1.06	3.04	311-1009-2-ND	10,000	2.92/M	CC0402JRNPO9BN390
	NPO	50	47pF	±5%	0.5	311-1021-1-ND	.17	.99	2.86	311-1021-2-ND	10,000	2.74/M	CC0402JRNPO9BN470
	NPO	50	56pF	±5%	0.5	311-1022-1-ND	.17	.99	2.86	311-1022-2-ND	10,000	2.74/M	CC0402JRNPO9BN560
	NPO	50	68pF	±5%	0.5	311-1340-1-ND	.17	.99	2.86	311-1340-2-ND	10,000	2.74/M	CC0402JRNPO9BN680
	NPO	50	82pF	±5%	0.5	311-1023-1-ND	.17	.99	2.86	311-1023-2-ND	10,000	2.74/M	CC0402JRNPO9BN820
	NPO	50	100pF	±5%	0.5	311-1024-1-ND	.17	.99	2.86	311-1024-2-ND	10,000	2.74/M	CC0402JRNPO9BN101
	NPO	50	150pF	±5%	0.5	311-1025-1-ND	.25	1.48	4.28	311-1025-2-ND	10,000	4.11/M	CC0402JRNPO9BN151
	NPO	25	220pF	±5%	0.5	311-1026-1-ND	1.39	8.24	23.77	311-1026-2-ND	10,000	22.81/M	CC0402JRNPO8BN221
	X5R	16	.10µF	±10%	0.5	311-1347-1-ND	.25	1.53	4.41	311-1347-2-ND	10,000	4.24/M	CC0402KRX5R7BB104
	X5R	10	.10µF	±10%	0.5	311-1336-1-ND	.24	1.42	4.13	311-1336-2-ND	10,000	3.96/M	CC0402KRX5R6BB104
	X7R	50	220pF	±10%	0.5	311-1035-1-ND	.15	.94	2.72	311-1035-2-ND	10,000	2.61/M	CC0402KRX7R9BB221
	X7R	50	330pF	±10%	0.5	311-1027-1-ND	.15	.94	2.72	311-1027-2-ND	10,000	2.61/M	CC0402KRX7R9BB331
	X7R	50	470pF	±10%	0.5	311-1028-1-ND	.15	.94	2.72	311-1028-2-ND	10,000	2.61/M	CC0402KRX7R9BB471
	X7R	50	560pF	±10%	0.5	311-1029-1-ND	.15	.94	2.72	311-1029-2-ND	10,000	2.61/M	CC0402KRX7R9BB561
	X7R	50	680pF	±10%	0.5	311-1030-1-ND	.15	.94	2.72	311-1030-2-ND	10,000	2.61/M	CC0402KRX7R9BB681
	X7R	50	1200pF	±10%	0.5	311-1031-1-ND	.15	.94	2.72	311-1031-2-ND	10,000	2.61/M	CC0402KRX7R9BB122
	X7R	50	1500pF	±10%	0.5	311-1032-1-ND	.15	.94	2.72	311-1032-2-ND	10,000	2.61/M	CC0402KRX7R9BB152
	X7R	50	2700pF	±10%	0.5	311-1033-1-ND	.15	.94	2.72	311-1033-2-ND	10,000	2.61/M	CC0402KRX7R9BB272
	X7R	50	3300pF	±10%	0.5	311-1034-1-ND	.15	.94	2.72	311-1034-2-ND	10,000	2.61/M	CC0402KRX7R9BB332
	X7R	50	1000pF	±5%	0.5	311-1351-1-ND	.21	1.27	3.67	311-1351-2-ND	10,000	3.53/M	CC0402JRX7R9BB102
	X7R	50	1000pF	±10%	0.5	311-1036-1-ND	.15	.94	2.72	311-1036-2-ND	10,000	2.61/M	CC0402KRX7R9BB102
	X7R	50	2200pF	±10%	0.5	311-1037-1-ND	.15	.94	2.72	311-1037-2-ND	10,000	2.61/M	CC0402KRX7R9BB222
	X7R	50	10000pF	±10%	0.5	311-1349-1-ND	.15	.94	2.72	311-1349-2-ND	10,000	2.61/M	CC0402KRX7R9BB103
	X7R	25	3900pF	±10%	0.5	311-1038-1-ND	.15	.94	2.72	311-1038-2-ND	10,000	2.61/M	CC0402KRX7R8BB392
	X7R	25	4700pF	±10%	0.5	311-1039-1-ND	.59	3.53	10.19	311-1039-2-ND	10,000	2.61/M	CC0402KRX7R8BB472
	X7R	25	10000pF	±10%	0.5	311-1337-1-ND	.15	.94	2.72	311-1337-2-ND	10,000	2.61/M	CC0402KRX7R8BB103
	X7R	16	1000pF	±10%	0.5	311-1352-1-ND	.15	.94	2.72	311-1352-2-ND	10,000	2.61/M	CC0402KRX7R7BB102
	X7R	16	5600pF	±10%	0.5	311-1040-1-ND	.15	.94	2.72	311-1040-2-ND	10,000	2.61/M	CC0402KRX7R7BB562
	X7R	16	8200pF	±10%	0.5	311-1041-1-ND	.15	.94	2.72	311-1041-2-ND	10,000	2.61/M	CC0402KRX7R7BB822
	X7R	16	10000pF	±10%	0.5	311-1042-1-ND	.15	.94	2.72	311-1042-2-ND	10,000	2.61/M	CC0402KRX7R7BB103
	X7R	16	22000pF	±10%	0.5	311-1378-1-ND	.18	1.06	3.04	311-1378-2-ND	10,000	2.92/M	CC0402KRX7R7BB223
	X7R	16	47000pF	±10%	0.5	311-1362-1-ND	.27	1.61	4.65	311-1362-2-ND	10,000	4.47/M	CC0402KRX7R7BB473
	X7R	16	.10µF	±10%	0.5	311-1338-1-ND	.82	4.86	14.00	311-1338-2-ND	10,000	13.44/M	CC0402KRX7R7BB104
	X7R	10	47000pF	±10%	0.5	311-1334-1-ND	.21	1.21	3.49	311-1334-2-ND	10,000	3.35/M	CC0402KRX7R6BB473
	X7R	10	.10µF	±10%	0.5	311-1345-1-ND	.56	3.34	9.63	311-1345-2-ND	10,000	9.26/M	CC0402KRX7R6BB104
	Y5V	25	.10µF	-20%/+80%	0.5	311-1375-1-ND	.24	1.38	3.96	311-1375-2-ND	10,000	3.81/M	CC0402ZRY5V8BB104
	Y5V	16	22000pF	-20%/+80%	0.5	311-1043-1-ND	.68	3.96	11.40	311-1043-2-ND	10,000	10.95/M	CC0402ZRY5V7BB223
	Y5V	16	33000pF	-20%/+80%	0.5	311-1044-1-ND	.68	3.96	11.40	311-1044-2-ND	10,000	10.95/M	CC0402ZRY5V7BB333
	Y5V	16	10000pF	-20%/+80%	0.5	311-1045-1-ND	.68	3.96	11.40	311-1045-2-ND	10,000	10.95/M	CC0402ZRY5V7BB103
	Y5V	16	47000pF	-20%/+80%	0.5	311-1046-1-ND	.68	3.96	11.40	311-1046-2-ND	10,000	10.95/M	CC0402ZRY5V7BB473
	Y5V	16	.10µF	-20%/+80%	0.5	311-1047-1-ND	.15	.92	2.65	311-1047-2-ND	10,000	2.54/M	CC0402ZRY5V7BB104
	Y5V	16	.22µF	-20%/+80%	0.5	311-1350-1-ND	.42	2.53	7.31	311-1350-2-ND	10,000	7.02/M	CC0402ZRY5V7BB224
	Y5V	10	.22µF	-20%/+80%	0.5	311-1353-1-ND	.42	2.53	7.31	311-1353-2-ND	10,000	7.02/M	CC0402ZRY5V6BB224
	Y5V	6.3	1.0µF	-20%/+80%	0.5	311-1377-1-ND	.56	3.31	9.53	311-1377-2-ND	10,000	9.15/M	CC0402ZRY5V5BB105

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(Continued)

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