Multilayer Ceramic Chip Capacitors *(Cont.)*

Size Code	Type	WV DC	Capacitance	Tolerance	Dimension T (mm)	Digi-Key Part No.	Cut Tape Pricing 10	100	500	Digi-Key Part No.	Tape and Reel Qty.	Pricing	Murata Part No.
	C0G (NP0)	50	13000pF	±5%	0.85	490-1757-1-ND	7.70	45.51	131.29	490-1757-2-ND	4,000	125.69/M	GRM3195C1H133JA01D
	C0G (NP0)	50	15000pF	±5%	0.85	490-1758-1-ND	7.27	42.97	123.93	490-1758-2-ND	4,000	118.95/M	GRM3195C1H153JA01D
	C0G (NP0)	50	18000pF	±5%	0.85	490-1759-1-ND	7.41	43.76	126.24	490-1759-2-ND	4,000	121.20/M	GRM3195C1H183JA01D
	C0G (NP0)	50	20000pF	±5%	0.85	490-1760-1-ND	7.41	43.76	126.24	490-1760-2-ND	4,000	121.20/M	GRM3195C1H203JA01D
	C0G (NP0)	50	22000pF	±5%	0.85	490-1761-1-ND	7.42	43.84	126.46	490-1761-2-ND	4,000	121.20/M	GRM3195C1H223JA01D
	C0G (NP0)	50	27000pF	±5%	0.85	490-1762-1-ND	7.54	44.57	128.55	490-1762-2-ND	4,000	123.44/M	GRM3195C1H273JA01D
	C0G (NP0)	50	33000pF	±5%	0.85	490-1763-1-ND	7.66	45.30	130.66	490-1763-2-ND	4,000	125.69/M	GRM3195C1H333JA01D
	C0G (NP0)	50	39000pF	±5%	1.15	490-3358-1-ND	8.05	47.56	137.18	490-3358-2-ND	3,000	131.30/M	GRM31M5C1H393JA01L
	C0G (NP0)	50	47000pF	±5%	1.15	490-1764-1-ND	8.34	49.24	142.02	490-1764-2-ND	3,000	136.91/M	GRM31M5C1H473JA01L
	C0G (NP0)	50	56000pF	±5%	1.6	490-3359-1-ND	8.99	53.10	153.17	490-3359-2-ND	2,000	147.01/M	GRM31C5C1H563JA01L
	C0G (NP0)	50	68000pF	±5%	1.6	490-3360-1-ND	10.03	59.31	171.06	490-3360-2-ND	2,000	163.84/M	GRM31C5C1H683JA01L
	C0G (NP0)	50	82000pF	±5%	1.6	490-1765-1-ND	10.50	62.08	179.05	490-1765-2-ND	2,000	171.69/M	GRM31C5C1H823JA01L
	C0G (NP0)	25	39000pF	±5%	0.85	490-3361-1-ND	8.53	50.41	145.39	490-3361-2-ND	4,000	139.15/M	GRM3195C1E393JA01D
	C0G (NP0)	25	68000pF	±5%	1.6	490-1766-1-ND	9.79	57.85	166.85	—	—	—	GRM31C5C1E683JA01L
	C0G (NP0)	25	.1µF	±5%	1.6	490-1767-1-ND	8.84	52.23	150.65	490-1767-2-ND	2,000	144.76/M	GRM31C5C1E104JA01L
	U2J	1,000	47pF	±5%	1.0	490-4299-1-ND	5.44	32.17	92.79	490-4299-2-ND	4,000	88.65/M	GRM31A7U3A470JW31D
	U2J	1,000	68pF	±5%	1.0	490-4300-1-ND	5.44	32.17	92.79	490-4300-2-ND	4,000	88.65/M	GRM31A7U3A680JW31D
	U2J	1,000	100pF	±5%	1.0	490-4301-1-ND	5.44	32.17	92.79	490-4301-2-ND	4,000	88.65/M	GRM31A7U3A101JW31D
	U2J	1,000	150pF	±5%	1.0	490-4302-1-ND	5.90	34.87	100.58	490-4302-2-ND	4,000	96.51/M	GRM31A7U3A151JW31D
	U2J	1,000	220pF	±5%	1.0	490-4303-1-ND	5.90	34.87	100.58	490-4303-2-ND	4,000	96.51/M	GRM31A7U3A221JW31D
	U2J	1,000	330pF	±5%	1.0	490-4304-1-ND	5.90	34.87	100.58	490-4304-2-ND	4,000	96.51/M	GRM31A7U3A331JW31D
	U2J	1,000	470pF	±5%	1.25	490-4305-1-ND	6.65	39.32	113.41	490-4305-2-ND	3,000	108.85/M	GRM31B7U3A471JW31L
	U2J	630	100pF	±5%	1.0	490-4290-1-ND	4.40	25.97	74.90	490-4290-2-ND	4,000	71.82/M	GRM31A7U2J101JW31D
	U2J	630	150pF	±5%	1.0	490-4291-1-ND	4.32	25.53	73.65	490-4291-2-ND	4,000	70.70/M	GRM31A7U2J151JW31D
	U2J	630	220pF	±5%	1.0	490-4292-1-ND	4.60	27.21	78.48	490-4292-2-ND	4,000	75.19/M	GRM31A7U2J221JW31D
	U2J	630	330pF	±5%	1.0	490-4293-1-ND	4.26	25.17	72.59	490-4293-2-ND	4,000	69.58/M	GRM31A7U2J331JW31D
	U2J	630	470pF	±5%	1.0	490-4294-1-ND	4.26	25.17	72.59	490-4294-2-ND	4,000	69.58/M	GRM31A7U2J471JW31D
	U2J	630	680pF	±5%	1.0	490-4295-1-ND	4.54	26.84	77.43	490-4295-2-ND	4,000	74.07/M	GRM31A7U2J681JW31D
	U2J	630	1000pF	±5%	1.0	490-4296-1-ND	4.43	26.19	75.53	490-4296-2-ND	4,000	72.94/M	GRM31A7U2J102JW31D
	X7R	1,000	1000pF	±10%	1.25	490-3494-1-ND	5.09	30.13	86.90	490-3494-2-ND	3,000	83.04/M	GRM31BR73A102KW01L
	X7R	1,000	1500pF	±10%	1.25	490-3495-1-ND	5.09	30.13	86.90	490-3495-2-ND	3,000	83.04/M	GRM31BR73A152KW01L
	X7R	1,000	2200pF	±10%	1.25	490-3496-1-ND	5.23	30.93	89.21	490-3496-2-ND	3,000	85.29/M	GRM31BR73A222KW01L
	X7R	1,000	3300pF	±10%	1.25	490-3497-1-ND	5.26	31.07	89.64	490-3497-2-ND	3,000	86.41/M	GRM31BR73A332KW01L
	X7R	1,000	4700pF	±10%	1.25	490-3498-1-ND	5.41	31.95	92.16	490-3498-2-ND	3,000	88.65/M	GRM31BR73A472KW01L
	X7R	630	1000pF	±10%	1.25	490-3506-1-ND	3.20	18.90	54.49	490-3506-2-ND	3,000	52.74/M	GRM31BR72J102KW01L
	X7R	630	1500pF	±10%	1.25	490-3507-1-ND	3.89	22.98	66.27	490-3507-2-ND	3,000	63.97/M	GRM31BR72J152KW01L
	X7R	630	2200pF	±10%	1.25	490-3508-1-ND	4.11	24.29	70.07	490-3508-2-ND	3,000	67.33/M	GRM31BR72J222KW01L
	X7R	630	3300pF	±10%	1.25	490-3509-1-ND	3.89	22.98	66.27	490-3509-2-ND	3,000	63.97/M	GRM31BR72J332KW01L
	X7R	630	4700pF	±10%	1.25	490-3510-1-ND	3.98	23.57	67.96	490-3510-2-ND	3,000	65.09/M	GRM31BR72J472KW01L
	X7R	630	6800pF	±10%	1.25	490-3511-1-ND	4.72	27.94	80.58	490-3511-2-ND	3,000	77.43/M	GRM31BR72J682KW01L
	X7R	630	10000pF	±10%	1.25	490-3512-1-ND	3.68	21.74	62.71	490-3512-2-ND	3,000	60.60/M	GRM31BR72J103KW01L
	X7R	630	15000pF	±10%	1.6	490-3513-1-ND	4.44	26.26	75.75	490-3513-2-ND	2,000	72.94/M	GRM31CR72J153KW03L
	X7R	250	15000pF	±10%	1.25	490-3535-1-ND	4.94	29.18	84.16	490-3535-2-ND	3,000	80.80/M	GRM31BR72E153KW01L
	X7R	250	22000pF	±10%	1.25	490-3536-1-ND	4.94	29.18	84.16	490-3536-2-ND	3,000	80.80/M	GRM31BR72E223KW01L
	X7R	250	33000pF	±10%	1.6	490-3537-1-ND	4.94	29.18	84.16	490-3537-2-ND	2,000	80.80/M	GRM31CR72E333KW03L
	X7R	250	47000pF	±10%	1.6	490-3538-1-ND	4.92	29.03	83.75	490-3538-2-ND	2,000	80.80/M	GRM31CR72E473KW03L
	X7R	250	68000pF	±10%	1.25	490-3540-1-ND	4.81	28.45	82.06	490-3540-2-ND	3,000	78.55/M	GRM31BR72E683KW01L
	X7R	250	.1µF	±10%	1.6	490-3542-1-ND	4.43	26.19	75.53	490-3542-2-ND	2,000	72.94/M	GRM31CR72E104KW03L
	X7R	100	27000pF	±10%	1.15	490-1768-1-ND	2.22	13.13	37.87	490-1768-2-ND	3,000	35.91/M	GRM31MR72A273KA01L
	X7R	100	33000pF	±10%	1.15	490-1770-1-ND	2.13	12.62	36.40	490-1770-2-ND	3,000	34.79/M	GRM31MR72A333KA01L
1206	X7R	100	33000pF	±20%	1.15	490-1769-1-ND	2.13	12.62	36.40	490-1769-2-ND	3,000	34.79/M	GRM31MR72A333MA01L
	X7R	100	47000pF	±10%	1.15	490-1773-1-ND	2.14	12.69	36.62	490-1773-2-ND	3,000	34.79/M	GRM31MR72A473KA01L
	X7R	100	47000pF	±20%	1.15	490-1772-1-ND	2.14	12.69	36.62	490-1772-2-ND	3,000	34.79/M	GRM31MR72A473MA01L
	X7R	100	68000pF	±10%	1.15	490-3363-1-ND	2.57	15.17	43.76	490-3363-2-ND	3,000	41.52/M	GRM31MR72A683KA01L
	X7R	100	1.0µF	±10%	1.6	490-3909-1-ND	9.75	57.62	166.23	490-3909-2-ND	2,000	159.35/M	GRM31CR72A105KA01L
	X7R	50	10000pF	±10%	0.85	490-1774-1-ND	1.73	10.21	29.46	490-1774-2-ND	4,000	28.06/M	GRM319R71H103KA01D
	X7R	50	.1µF	±10%	0.85	490-1775-1-ND	.83	4.89	14.09	490-1775-2-ND	4,000	13.47/M	GRM319R71H104KA01D
	X7R	50	.22µF	±10%	0.85	490-1776-1-ND	3.58	21.15	61.02	490-1776-2-ND	4,000	58.36/M	GRM319R71H224KA01D
	X7R	50	.27µF	±10%	0.85	490-1777-1-ND	5.00	29.55	85.22	490-1777-2-ND	4,000	81.92/M	GRM319R71H274KA01D
	X7R	50	.33µF	±10%	0.85	490-1778-1-ND	5.00	29.55	85.22	490-1778-2-ND	4,000	81.92/M	GRM319R71H334KA01D
	X7R	50	.33µF	±20%	0.85	490-1779-1-ND	5.25	31.01	89.42	490-1779-2-ND	4,000	86.41/M	GRM319R71H334MA01D
	X7R	50	.39µF	±10%	1.15	490-1780-1-ND	6.61	39.03	112.56	490-1780-2-ND	3,000	107.73/M	GRM31MR71H394KA01L
	X7R	50	.47µF	±10%	1.15	490-1781-1-ND	6.61	39.03	112.56	490-1781-2-ND	3,000	107.73/M	GRM31MR71H474KA01L
	X7R	50	.47µF	±20%	1.15	490-1782-1-ND	5.21	30.78	88.80	490-1782-2-ND	3,000	85.29/M	GRM31MR71H474MA01L
	X7R	50	1.0µF	±10%	1.6	490-3908-1-ND	3.25	19.26	55.55	490-3908-2-ND	2,000	53.87/M	GRM31CR71H105KA61L
	X7R	50	2.2µF	±10%	1.6	490-3367-1-ND	5.43	32.09	92.58	490-3367-2-ND	2,000	88.65/M	GRM31CR71H225KA88L
	X7R	25	.33µF	±10%	0.85	490-1783-1-ND	5.00	29.55	85.22	490-1783-2-ND	4,000	81.92/M	GRM319R71E334KA01D
	X7R	25	.47µF	±10%	0.85	490-1784-1-ND	5.79	34.21	98.68	490-1784-2-ND	4,000	94.27/M	GRM319R71E474KA01D
	X7R	25	.68µF	±10%	0.85	490-1787-1-ND	6.99	41.28	119.09	490-1787-2-ND	4,000	114.46/M	GRM319R71E684KA01D
	X7R	25	.68µF	±20%	0.85	490-1786-1-ND	6.99	41.28	119.09	490-1786-2-ND	4,000	114.46/M	GRM319R71E684MA01D
	X7R	25	.82µF	±10%	1.15	490-1788-1-ND	6.58	38.88	112.15	490-1788-2-ND	3,000	107.66/M	GRM31MR71E824KA01L
	X7R	25	1.0µF	±10%	1.15	490-1789-1-ND	3.34	19.77	57.02	490-1789-2-ND	3,000	54.99/M	GRM31MR71E105KC01L
	X7R	25	1.0µF	±20%	1.15	490-1790-1-ND	2.79	16.48	47.56	490-1790-2-ND	3,000	46.01/M	GRM31MR71E105MC01L
	X7R	25	2.2µF	±10%	1.15	490-3368-1-ND	3.99	23.63	68.17	490-3368-2-ND	3,000	65.09/M	GRM31MR71E225KA93L
	X7R	25	4.7µF	±10%	1.6	490-1809-1-ND	5.14	30.34	87.53	490-1809-2-ND	2,000	84.16/M	GRM31CR71E475KA88L
	X7R	16	.47µF	±10%	0.85	490-1791-1-ND	5.25	31.01	89.42	490-1791-2-ND	3,000	86.41/M	GRM319R71C474KC01L
	X7R	16	.56µF	±10%	0.85	490-1792-1-ND	6.37	37.64	108.57	490-1792-2-ND	4,000	104.36/M	GRM319R71C564KA01D
	X7R	16	.68µF	±10%	1.15	490-1793-1-ND	6.53	38.59	111.31	490-1793-2-ND	3,000	106.61/M	GRM31MR71C684KA01L
	X7R	16	1.0µF	±10%	0.85	490-1794-1-ND	3.06	18.09	52.18	490-1794-2-ND	4,000	50.50/M	GRM319R71C105KC11D
	X7R	16	1.0µF	±20%	0.85	490-1795-1-ND	3.22	19.04	54.92	490-1795-2-ND	4,000	52.75/M	GRM319R71C105MC11D
	X7R	16	1.5µF	±10%	1.15	490-1797-1-ND	4.45	26.34	75.96	490-1797-2-ND	3,000	72.94/M	GRM31MR71C155KA35L
	X7R	16	1.5µF	±20%	1.15	490-1796-1-ND	3.92	23.13	66.70	—	—	—	GRM31MR71C155MA35L
	X7R	16	2.2µF	±10%	1.15	490-1799-1-ND	2.10	12.40	35.77	490-1799-2-ND	3,000	34.79/M	GRM31MR71C225KA35L
	X7R	16	2.2µF	±20%	1.15	490-1798-1-ND	2.81	16.56	47.76	490-1798-2-ND	3,000	46.01/M	GRM31MR71C225MA35L
	X7R	16	10µF	±10%	1.6	490-3911-1-ND	20.78	122.83	354.32	490-3911-2-ND	2,000	340.02/M	GRM31CR71C106KAC7L
	X7R	10	1.0µF	±10%	0.85	490-1800-1-ND	3.15	18.61	53.65	490-1800-2-ND	4,000	51.62/M	GRM319R71A105KA01D
	X7R	10	1.0µF	±20%	0.85	490-1801-1-ND	2.68	15.83	45.66	490-1801-2-ND	4,000	53.87/M	GRM319R71A105MC01D
	X7R	10	2.2µF	±10%	1.15	490-1803-1-ND	2.87	17.00	49.03	490-1803-2-ND	3,000	47.13/M	GRM31MR71A225KA01L
	X7R	10	2.2µF	±20%	1.15	490-1802-1-ND	2.87	17.00	49.03	490-1802-2-ND	3,000	47.13/M	GRM31MR71A225MA01L
	X7R	10	4.7µF	±10%	1.6	490-1805-1-ND	4.20	24.80	71.54	490-1805-2-ND	2,000	68.45/M	GRM31CR71A475KA01L
	X7R	10	4.7µF	±20%	1.6	490-1804-1-ND	4.20	24.80	71.54	490-1804-2-ND	2,000	68.68/M	GRM31CR71A475MA01L
	X7R	10	10µF	±10%	1.6	490-3371-1-ND	5.87	34.65	99.94	490-3371-2-ND	2,000	96.51/M	GRM31CR71A106KA01L
	X7R	10	22µF	±10%	1.6	490-5309-1-ND	21.97	129.83	374.52	490-5309-2-ND	2,000	359.09/M	GRM31CR71A226KE15L
	X7R	6.3	10µF	±10%	1.6	490-1806-1-ND	5.54	32.76	94.47	490-1806-2-ND	2,000	90.90/M	GRM31CR70J106KA01L
	X6S	35	10µF	±10%	1.6	490-5520-1-ND ***NEW!***	8.03	47.49	136.97	490-5520-2-ND ***NEW!***	2,000	131.30/M	GRM31CC8YA106KA12L
	X6S	25	10µF	±10%	1.6	490-5308-1-ND	7.36	43.47	125.40	490-5308-2-ND	2,000	120.07/M	GRM31CC81E106KE15L
	X6S	16	10µF	±10%	0.85	490-5521-1-ND ***NEW!***	7.94	46.97	135.50	490-5521-2-ND ***NEW!***	4,000	130.17/M	GRM319C81C106KA12D
	X6S	10	22µF	±20%	1.6	490-4737-1-ND	17.56	103.80	299.40	490-4737-2-ND	2,000	287.28/M	GRM31CC81A226ME19L
	X6S	6.3	47µF	±20%	1.6	490-5522-1-ND ***NEW!***	14.53	85.86	247.65	490-5522-2-ND ***NEW!***	2,000	237.90/M	GRM31CC80J476ME18L
	X6S	4	47µF	±20%	1.6	490-4523-1-ND	16.30	96.36	277.95	490-4523-2-ND	2,000	267.08/M	GRM31CC80G476ME19L
	X5R	35	10µF	±10%	1.6	490-5524-1-ND ***NEW!***	8.03	47.49	136.97	490-5524-2-ND ***NEW!***	2,000	131.30/M	GRM31CR6YA106KA12L

(Continued)

Digi-Reel® Most SMT cutdown parts are available on a Digi-Reel®. For Digi-Reel part number, change 1-ND to 6-ND or CT-ND to DKR-ND. See Digi-Key® Services on page 2 for additional information.

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