



Multilayer Ceramic Chip Capacitors (Cont.)



Size Code	Type	WV DC	Capacitance	Tolerance	Dimension T (mm)	Digi-Key Part No.	Cut Tape Pricing			Digi-Key Part No.	Tape and Reel		Murata Part No.
							10	100	500		Qty.	Pricing	
COG (NPO)	50	13000pF	±5%	0.85	490-1757-1-ND	5.49	32.48	93.69	490-1757-2-ND	4,000	89.69/M	GRM3195C1H133JA01D	
COG (NPO)	50	15000pF	±5%	0.85	490-1758-1-ND	5.19	30.66	88.44	490-1758-2-ND	4,000	84.89/M	GRM3195C1H153JA01D	
COG (NPO)	50	18000pF	±5%	0.85	490-1759-1-ND	5.29	31.23	90.09	490-1759-2-ND	4,000	86.49/M	GRM3195C1H183JA01D	
COG (NPO)	50	20000pF	±5%	0.85	490-1760-1-ND	5.29	31.23	90.09	490-1760-2-ND	4,000	86.49/M	GRM3195C1H203JA01D	
COG (NPO)	50	22000pF	±5%	0.85	490-1761-1-ND	5.29	31.29	90.24	490-1761-2-ND	4,000	86.49/M	GRM3195C1H223JA01D	
COG (NPO)	50	27000pF	±5%	0.85	490-1762-1-ND	5.38	31.81	91.74	490-1762-2-ND	4,000	88.09/M	GRM3195C1H273JA01D	
COG (NPO)	50	33000pF	±5%	0.85	490-1763-1-ND	5.47	32.33	93.25	490-1763-2-ND	4,000	89.69/M	GRM3195C1H333JA01D	
COG (NPO)	50	39000pF	±5%	1.15	490-3358-1-ND	5.74	33.94	97.90	490-3358-2-ND	3,000	93.70/M	GRM31M5C1H393JA01L	
COG (NPO)	50	47000pF	±5%	1.15	490-1764-1-ND	5.95	35.14	101.35	490-1764-2-ND	3,000	97.70/M	GRM31M5C1H473JA01L	
COG (NPO)	50	56000pF	±5%	1.6	490-3359-1-ND	6.41	37.89	109.31	490-3359-2-ND	2,000	104.91/M	GRM31C5C1H563JA01L	
COG (NPO)	50	68000pF	±5%	1.6	490-3360-1-ND	7.16	42.32	122.07	490-3360-2-ND	2,000	116.92/M	GRM31C5C1H683JA01L	
COG (NPO)	50	82000pF	±5%	1.6	490-1765-1-ND	7.50	44.30	127.78	490-1765-2-ND	2,000	122.52/M	GRM31C5C1H823JA01L	
COG (NPO)	25	39000pF	±5%	0.85	490-3361-1-ND	6.09	35.97	103.75	490-3361-2-ND	4,000	99.30/M	GRM3195C1E393JA01D	
COG (NPO)	25	68000pF	±5%	1.6	490-1766-1-ND	6.99	41.29	119.07	—	—	—	GRM31C5C1E683JA01L	
COG (NPO)	25	.1µF	±5%	1.6	490-1767-1-ND	6.31	37.27	107.51	490-1767-2-ND	2,000	103.31/M	GRM31C5C1E104JA01L	
U2J	1,000	47pF	±5%	1.0	490-4299-1-ND	3.88	22.96	66.22	490-4299-2-ND	4,000	63.27/M	GRM31A7U3A470JW31D	
U2J	1,000	68pF	±5%	1.0	490-4300-1-ND	3.88	22.96	66.22	490-4300-2-ND	4,000	63.27/M	GRM31A7U3A680JW31D	
U2J	1,000	100pF	±5%	1.0	490-4301-1-ND	3.88	22.96	66.22	490-4301-2-ND	4,000	63.27/M	GRM31A7U3A101JW31D	
U2J	1,000	150pF	±5%	1.0	490-4302-1-ND	4.21	24.88	71.78	490-4302-2-ND	4,000	68.87/M	GRM31A7U3A151JW31D	
U2J	1,000	220pF	±5%	1.0	490-4303-1-ND	4.21	24.88	71.78	490-4303-2-ND	4,000	68.87/M	GRM31A7U3A221JW31D	
U2J	1,000	330pF	±5%	1.0	490-4304-1-ND	4.21	24.88	71.78	490-4304-2-ND	4,000	68.87/M	GRM31A7U3A331JW31D	
U2J	1,000	470pF	±5%	1.25	490-4305-1-ND	4.75	28.06	80.93	490-4305-2-ND	3,000	77.68/M	GRM31B7U3A471JW31L	
U2J	630	100pF	±5%	1.0	490-4290-1-ND	3.14	18.53	53.45	490-4290-2-ND	3,000	51.25/M	GRM31A7U2J101JW31D	
U2J	630	150pF	±5%	1.0	490-4291-1-ND	3.08	18.22	52.56	490-4291-2-ND	4,000	50.45/M	GRM31A7U2J151JW31D	
U2J	630	220pF	±5%	1.0	490-4292-1-ND	3.28	19.42	56.01	490-4292-2-ND	4,000	53.66/M	GRM31A7U2J221JW31D	
U2J	630	330pF	±5%	1.0	490-4293-1-ND	3.04	17.96	51.80	490-4293-2-ND	4,000	49.65/M	GRM31A7U2J331JW31D	
U2J	630	470pF	±5%	1.0	490-4294-1-ND	3.04	17.96	51.80	490-4294-2-ND	4,000	49.65/M	GRM31A7U2J471JW31D	
U2J	630	680pF	±5%	1.0	490-4295-1-ND	3.24	19.16	55.26	490-4295-2-ND	4,000	52.86/M	GRM31A7U2J681JW31D	
U2J	630	1000pF	±5%	1.0	490-4296-1-ND	3.16	18.69	53.90	490-4296-2-ND	4,000	52.06/M	GRM31A7U2J102JW31D	
X7R	1,000	1000pF	±10%	1.25	490-3494-1-ND	3.64	21.50	62.01	490-3494-2-ND	3,000	59.26/M	GRM31BR73A102KW01L	
X7R	1,000	1500pF	±10%	1.25	490-3495-1-ND	3.64	21.50	62.01	490-3495-2-ND	3,000	59.26/M	GRM31BR73A152KW01L	
X7R	1,000	2200pF	±10%	1.25	490-3496-1-ND	3.73	22.07	63.66	490-3496-2-ND	3,000	60.86/M	GRM31BR73A222KW01L	
X7R	1,000	3300pF	±10%	1.25	490-3497-1-ND	3.76	22.17	63.97	490-3497-2-ND	3,000	61.66/M	GRM31BR73A332KW01L	
X7R	1,000	4700pF	±10%	1.25	490-3498-1-ND	3.86	22.80	65.77	490-3498-2-ND	3,000	63.27/M	GRM31BR73A472KW01L	
X7R	630	1000pF	±10%	1.25	490-3506-1-ND	2.28	13.49	39.89	490-3506-2-ND	3,000	37.64/M	GRM31BR72J102KW01L	
X7R	630	1500pF	±10%	1.25	490-3507-1-ND	2.78	16.40	47.30	490-3507-2-ND	3,000	45.65/M	GRM31BR72J152KW01L	
X7R	630	2200pF	±10%	1.25	490-3508-1-ND	2.93	17.34	50.00	490-3508-2-ND	3,000	48.05/M	GRM31BR72J222KW01L	
X7R	630	3300pF	±10%	1.25	490-3509-1-ND	2.78	16.40	47.30	490-3509-2-ND	3,000	45.65/M	GRM31BR72J332KW01L	
X7R	630	4700pF	±10%	1.25	490-3510-1-ND	2.84	16.82	48.50	490-3510-2-ND	3,000	46.45/M	GRM31BR72J472KW01L	
X7R	630	6800pF	±10%	1.25	490-3511-1-ND	3.37	19.94	57.51	490-3511-2-ND	3,000	55.26/M	GRM31BR72J682KW01L	
X7R	630	10000pF	±10%	1.25	490-3512-1-ND	2.63	15.51	44.75	490-3512-2-ND	3,000	43.25/M	GRM31BR72J103KW01L	
X7R	630	15000pF	±10%	1.6	490-3513-1-ND	3.17	18.74	54.05	490-3513-2-ND	2,000	52.05/M	GRM31CR72J153KW03L	
X7R	250	15000pF	±10%	1.25	490-3535-1-ND	3.52	20.82	60.06	490-3535-2-ND	3,000	57.66/M	GRM31BR72E153KW01L	
X7R	250	22000pF	±10%	1.25	490-3536-1-ND	3.52	20.82	60.06	490-3536-2-ND	3,000	57.66/M	GRM31BR72E223KW01L	
X7R	250	33000pF	±10%	1.6	490-3537-1-ND	3.52	20.82	60.06	490-3537-2-ND	2,000	57.66/M	GRM31CR72E333KW03L	
X7R	250	47000pF	±10%	1.6	490-3538-1-ND	3.51	20.72	59.76	490-3538-2-ND	2,000	57.66/M	GRM31CR72E473KW03L	
X7R	250	68000pF	±10%	1.25	490-3540-1-ND	3.44	20.30	58.56	490-3540-2-ND	3,000	56.06/M	GRM31BR72E683KW01L	
X7R	250	.1µF	±10%	1.6	490-3542-1-ND	3.16	18.69	53.90	490-3542-2-ND	2,000	52.05/M	GRM31CR72E104KW03L	
X7R	100	27000pF	±10%	1.15	490-1768-1-ND	1.59	9.37	27.03	490-1768-2-ND	3,000	25.63/M	GRM31MR72A273KA01L	
X7R	100	33000pF	±10%	1.15	490-1770-1-ND	1.52	9.01	25.98	490-1770-2-ND	3,000	24.83/M	GRM31MR72A333KA01L	
X7R	100	33000pF	±20%	1.15	490-1769-1-ND	1.52	9.01	25.98	490-1769-2-ND	3,000	24.83/M	GRM31MR72A333MA01L	
X7R	100	47000pF	±10%	1.15	490-1773-1-ND	1.53	9.06	26.13	490-1773-2-ND	3,000	24.83/M	GRM31MR72A473KA01L	
X7R	100	47000pF	±20%	1.15	490-1772-1-ND	1.53	9.06	26.13	490-1772-2-ND	3,000	24.83/M	GRM31MR72A473MA01L	
X7R	100	68000pF	±10%	1.15	490-3363-1-ND	1.83	10.83	31.23	490-3363-2-ND	3,000	29.63/M	GRM31MR72A683KA01L	
X7R	100	1.0µF	±10%	1.6	490-3909-1-ND	6.96	41.12	118.62	490-3909-2-ND	2,000	113.72/M	GRM31CR72A105KA01L	
X7R	50	10000pF	±10%	0.85	490-1774-1-ND	1.23	7.29	21.02	490-1774-2-ND	4,000	20.02/M	GRM319R71H103KA01D	
X7R	50	.1µF	±10%	0.85	490-1775-1-ND	.59	3.49	10.06	490-1775-2-ND	4,000	9.61/M	GRM319R71H104KA01D	
X7R	50	.22µF	±10%	0.85	490-1776-1-ND	2.55	15.10	43.55	490-1776-2-ND	4,000	41.65/M	GRM319R71H224KA01D	
X7R	50	.27µF	±10%	0.85	490-1777-1-ND	3.57	21.09	60.81	490-1777-2-ND	4,000	58.46/M	GRM319R71H274KA01D	
X7R	50	.33µF	±10%	0.85	490-1778-1-ND	3.57	21.09	60.81	490-1778-2-ND	4,000	58.46/M	GRM319R71H334KA01D	
X7R	50	.33µF	±20%	0.85	490-1779-1-ND	3.75	22.13	63.82	490-1779-2-ND	4,000	61.67/M	GRM319R71H334MA01D	
X7R	50	.39µF	±10%	1.15	490-1780-1-ND	4.72	27.85	80.33	490-1780-2-ND	3,000	76.88/M	GRM31MR71H394KA01L	
X7R	50	.47µF	±10%	1.15	490-1781-1-ND	4.72	27.85	80.33	490-1781-2-ND	3,000	76.88/M	GRM31MR71H474KA01L	
X7R	50	.47µF	±20%	1.15	490-1782-1-ND	3.72	21.97	63.37	490-1782-2-ND	3,000	60.86/M	GRM31MR71H474MA01L	
X7R	50	1.0µF	±10%	1.6	490-3908-1-ND	2.32	13.74	39.64	490-3908-2-ND	2,000	38.44/M	GRM31CR71H105KA61L	
X7R	50	2.2µF	±10%	1.6	490-3367-1-ND	3.88	22.90	66.07	490-3367-2-ND	2,000	63.27/M	GRM31CR71H225KA88L	
X7R	25	.33µF	±10%	0.85	490-1783-1-ND	3.57	21.09	60.81	490-1783-2-ND	4,000	58.46/M	GRM319R71E334KA01D	
X7R	25	.47µF	±10%	0.85	490-1784-1-ND	4.13	24.42	70.42	490-1784-2-ND	4,000	67.27/M	GRM319R71E474KA01D	
X7R	25	.68µF	±10%	0.85	490-1787-1-ND	4.99	29.46	84.99	490-1787-2-ND	4,000	81.69/M	GRM319R71E684KA01D	
X7R	25	.68µF	±20%	0.85	490-1786-1-ND	4.99	29.46	84.99	490-1786-2-ND	4,000	81.69/M	GRM319R71E684MA01D	
X7R	25	.82µF	±10%	1.15	490-1788-1-ND	4.69	27.75	80.03	490-1788-2-ND	3,000	76.83/M	GRM31MR71E824KA01L	
X7R	25	1.0µF	±10%	1.15	490-1789-1-ND	2.39	14.11	40.69	490-1789-2-ND	3,000	39.24/M	GRM31MR71E105KC01L	
X7R	25	1.0µF	±20%	1.15	490-1790-1-ND	1.99	11.76	33.94	490-1790-2-ND	3,000	32.84/M	GRM31MR71E105MC01L	
X7R	25	2.2µF	±10%	1.15	490-3368-1-ND	2.85	16.86	48.65	490-3368-2-ND	3,000	46.45/M	GRM31MR71E225KA93L	
X7R	25	4.7µF	±10%	1.6	490-1809-1-ND	3.67	21.65	62.46	490-1809-2-ND	2,000	60.06/M	GRM31CR71E475KA88L	
X7R	16	.47µF	±10%	0.85	490-1791-1-ND	3.75	22.13	63.82	490-1791-2-ND	3,000	61.66/M	GRM319R71C474KA01D	
X7R	16	.56µF	±10%	0.85	490-1792-1-ND	4.55	26.86	77.48	490-1792-2-ND	4,000	74.48/M	GRM319R71C564KA01D	
X7R	16	.68µF	±10%	1.15	490-1793-1-ND	4.66	27.54	79.43	490-1793-2-ND	3,000	76.08/M	GRM31MR71C684KA01L	
X7R	16	1.0µF	±10%	0.85	490-1794-1-ND	2.19	1						