



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	
0805	COG (NPO)	50	220pF	±5%	0.6	490-1616-1-ND	.82	4.84	13.97	490-1616-2-ND	4,000	13.62M	GRM2165C1H4221JA01D
	COG (NPO)	50	330pF	±5%	0.6	490-3316-1-ND	.94	5.52	15.92	490-3316-2-ND	4,000	15.22M	GRM2165C1H4331JA01D
	COG (NPO)	50	470pF	±5%	0.6	490-1617-1-ND	1.22	7.18	20.72	490-1617-2-ND	4,000	20.02M	GRM2165C1H4711JA01D
	COG (NPO)	50	620pF	±5%	0.6	490-1618-1-ND	1.33	7.86	22.67	490-1618-2-ND	4,000	21.63M	GRM2165C1H4621JA01D
	COG (NPO)	50	680pF	±5%	0.6	490-1619-1-ND	1.28	7.55	21.77	490-1619-2-ND	4,000	20.82M	GRM2165C1H4681JA01D
	COG (NPO)	50	750pF	±5%	0.6	490-1620-1-ND	1.28	7.55	21.77	490-1620-2-ND	4,000	20.90M	GRM2165C1H4751JA01D
	COG (NPO)	50	910pF	±5%	0.6	490-1621-1-ND	1.28	7.55	21.77	490-1621-2-ND	4,000	20.82M	GRM2165C1H911JA01D
	COG (NPO)	50	1000pF	±5%	0.6	490-1622-1-ND	.82	4.89	14.12	490-1622-2-ND	4,000	13.62M	GRM2165C1H102JA01D
	COG (NPO)	50	1100pF	±5%	0.6	490-1623-1-ND	.91	5.41	15.62	490-1623-2-ND	4,000	15.22M	GRM2165C1H112JA01D
	COG (NPO)	50	1300pF	±5%	0.6	490-1624-1-ND	.97	5.73	16.52	490-1624-2-ND	4,000	15.86M	GRM2165C1H132JA01D
	COG (NPO)	50	1500pF	±5%	0.6	490-3317-1-ND	.85	5.00	14.41	490-3317-2-ND	4,000	13.62M	GRM2165C1H152JA01D
	COG (NPO)	50	1600pF	±5%	0.6	490-1625-1-ND	1.05	6.20	17.87	490-1625-2-ND	4,000	16.82M	GRM2165C1H162JA01D
	COG (NPO)	50	1800pF	±5%	0.6	490-1626-1-ND	.95	5.62	16.22	490-1626-2-ND	4,000	15.22M	GRM2165C1H182JA01D
	COG (NPO)	50	2000pF	±5%	0.6	490-1627-1-ND	1.24	7.34	21.17	490-1627-2-ND	4,000	20.33M	GRM2165C1H202JA01D
	COG (NPO)	50	2200pF	±5%	0.6	490-1628-1-ND	1.09	6.45	18.62	490-1628-2-ND	4,000	17.62M	GRM2165C1H222JA01D
	COG (NPO)	50	2400pF	±5%	0.6	490-1629-1-ND	1.33	7.86	22.67	490-1629-2-ND	4,000	21.63M	GRM2165C1H242JA01D
	COG (NPO)	50	2700pF	±5%	0.6	490-1630-1-ND	1.31	7.76	22.37	490-1630-2-ND	4,000	21.63M	GRM2165C1H272JA01D
	COG (NPO)	50	3000pF	±5%	0.6	490-1631-1-ND	1.11	8.90	25.67	490-1631-2-ND	4,000	24.83M	GRM2165C1H302JA01D
	COG (NPO)	50	3300pF	±5%	0.6	490-1632-1-ND	1.15	6.82	19.67	490-1632-2-ND	4,000	19.22M	GRM2165C1H332JA01D
	COG (NPO)	50	3900pF	±5%	0.6	490-3045-1-ND	1.52	9.01	25.98	490-3045-2-ND	4,000	24.83M	GRM2165C1H392JA01D
	COG (NPO)	50	4700pF	±5%	0.6	490-3044-1-ND	1.63	9.63	27.78	490-3044-2-ND	4,000	26.43M	GRM2165C1H472JA01D
	COG (NPO)	50	5100pF	±5%	0.85	490-1635-1-ND	1.93	11.45	33.08	490-1635-2-ND	4,000	32.04M	GRM2195C1H512JA01D
	COG (NPO)	50	5600pF	±5%	0.85	490-1636-1-ND	1.87	11.09	31.98	490-1636-2-ND	4,000	30.43M	GRM2195C1H562JA01D
	COG (NPO)	50	6200pF	±5%	0.85	490-1637-1-ND	2.34	13.80	39.79	490-1637-2-ND	4,000	38.44M	GRM2195C1H622JA01D
	COG (NPO)	50	6800pF	±5%	0.85	490-1638-1-ND	2.27	13.38	38.59	490-1638-2-ND	4,000	36.84M	GRM2195C1H682JA01D
	COG (NPO)	50	7500pF	±5%	0.85	490-1639-1-ND	2.47	14.63	42.19	490-1639-2-ND	4,000	40.84M	GRM2195C1H752JA01D
	COG (NPO)	50	8200pF	±5%	0.85	490-1640-1-ND	2.43	14.32	41.29	490-1640-2-ND	4,000	40.04M	GRM2195C1H822JA01D
	COG (NPO)	50	9100pF	±5%	0.85	490-1641-1-ND	2.56	15.15	43.69	490-1641-2-ND	4,000	41.65M	GRM2195C1H912JA01D
	COG (NPO)	50	10000pF	±5%	0.85	490-1642-1-ND	3.05	18.01	51.96	490-1642-2-ND	4,000	49.65M	GRM2195C1H103JA01D
	COG (NPO)	50	12000pF	±5%	0.85	490-3320-1-ND	3.81	22.54	65.02	490-3320-2-ND	4,000	62.47M	GRM2195C1H123JA01D
	COG (NPO)	50	15000pF	±5%	0.85	490-1643-1-ND	3.76	22.17	63.97	490-1643-2-ND	4,000	61.67M	GRM2195C1H153JA01D
	COG (NPO)	50	18000pF	±5%	1.25	490-3321-1-ND	3.96	23.38	67.42	490-3321-2-ND	3,000	64.87M	GRM2195C1H183JA01L
	COG (NPO)	50	22000pF	±5%	1.25	490-1644-1-ND	3.72	22.02	63.51	490-1644-2-ND	3,000	60.86M	GRM2195C1H223JA01L
	X7R	250	1000pF	±10%	1.0	490-3525-1-ND	1.06	6.25	18.02	490-3525-2-ND	4,000	17.62M	GRM21AR72E102KW01D
	X7R	250	1500pF	±10%	1.0	490-3527-1-ND	1.14	6.72	19.37	490-3527-2-ND	4,000	18.42M	GRM21AR72E152KW01D
	X7R	250	2200pF	±10%	1.0	490-3529-1-ND	1.14	6.72	19.37	490-3529-2-ND	4,000	18.42M	GRM21AR72E222KW01D
	X7R	250	3300pF	±10%	1.0	490-3531-1-ND	1.14	6.72	19.37	490-3531-2-ND	4,000	18.42M	GRM21AR72E332KW01D
	X7R	250	4700pF	±10%	1.0	490-3532-1-ND	1.14	6.72	19.37	490-3532-2-ND	4,000	18.42M	GRM21AR72E472KW01D
	X7R	250	6800pF	±10%	1.0	490-3533-1-ND	1.14	6.72	19.37	490-3533-2-ND	4,000	18.42M	GRM21AR72E682KW01D
	X7R	250	10000pF	±10%	1.25	490-3534-1-ND	1.14	6.72	19.37	490-3534-2-ND	3,000	18.42M	GRM21BR72E103KW03L
	X7R	100	3900pF	±10%	0.85	490-1645-1-ND	1.13	6.66	19.22	490-1645-2-ND	4,000	18.42M	GRM219R72A392KA01D
	X7R	100	4700pF	±10%	0.85	490-1646-1-ND	.84	4.95	14.26	490-1646-2-ND	4,000	13.62M	GRM219R72A472KA01D
	X7R	100	4700pF	±20%	0.85	490-1647-1-ND	.84	4.95	14.26	490-1647-2-ND	4,000	13.62M	GRM219R72A472MA01D
	X7R	100	5600pF	±10%	0.85	490-1648-1-ND	1.15	6.82	19.67	490-1648-2-ND	4,000	19.22M	GRM219R72A562KA01D
	X7R	100	6800pF	±10%	0.85	490-1649-1-ND	.91	5.41	15.62	490-1649-2-ND	4,000	15.22M	GRM219R72A682KA01D
	X7R	100	6800pF	±20%	0.85	490-1650-1-ND	.91	5.41	15.62	490-1650-2-ND	4,000	15.22M	GRM219R72A682MA01D
	X7R	100	8200pF	±10%	1.25	490-1651-1-ND	1.14	6.72	19.37	490-1651-2-ND	3,000	18.42M	GRM21BR72A822KA01L
	X7R	100	10000pF	±10%	1.25	490-1652-1-ND	.74	4.37	12.61	490-1652-2-ND	3,000	12.02M	GRM21BR72A103KA01L
	X7R	100	10000pF	±20%	1.25	490-1653-1-ND	.84	4.95	14.26	490-1653-2-ND	3,000	13.62M	GRM21BR72A103MA01L
	X7R	100	12000pF	±10%	1.25	490-1654-1-ND	1.29	7.60	21.93	490-1654-2-ND	3,000	20.82M	GRM21BR72A123KA01L
	X7R	100	15000pF	±10%	1.25	490-1655-1-ND	.87	5.16	14.86	490-1655-2-ND	3,000	14.42M	GRM21BR72A153KA01L
	X7R	100	15000pF	±20%	1.25	490-1656-1-ND	.98	5.78	16.66	490-1656-2-ND	3,000	16.02M	GRM21BR72A153MA01L
	X7R	100	18000pF	±10%	1.25	490-1657-1-ND	1.29	7.60	21.93	490-1657-2-ND	3,000	20.82M	GRM21BR72A183KA01L
	X7R	100	22000pF	±10%	1.25	490-1658-1-ND	1.13	6.66	19.22	490-1658-2-ND	3,000	18.42M	GRM21BR72A223KA01L
	X7R	100	22000pF	±20%	1.25	490-1659-1-ND	1.19	7.03	20.27	490-1659-2-ND	3,000	19.22M	GRM21BR72A223MA01L
	X7R	100	33000pF	±10%	1.25	490-3323-1-ND	1.62	9.58	27.63	490-3323-2-ND	3,000	26.43M	GRM21BR72A333KA01L
	X7R	100	47000pF	±10%	1.25	490-3325-1-ND	1.41	8.33	24.02	490-3325-2-ND	3,000	23.23M	GRM21BR72A473KA01L
	X7R	100	47µF	±10%	1.25	490-3326-1-ND	6.09	35.97	103.75	490-3326-2-ND	3,000	99.30M	GRM21BR72A47KA73L
	X7R	50	10000pF	±10%	0.6	490-1664-1-ND	.22	1.35	3.89	490-1664-2-ND	4,000	3.74M	GRM216R71H103KA01D
	X7R	50	22000pF	±10%	0.6	490-1665-1-ND	.61	3.80	10.36	490-1665-2-ND	4,000	9.61M	GRM216R71H223KA01D
	X7R	50	33000pF	±10%	0.85	490-1660-1-ND	.61	3.59	10.35	490-1660-2-ND	4,000	9.61M	GRM219R71H333KA01D
	X7R	50	47000pF	±10%	1.25	490-1661-1-ND	.78	4.64	13.37	490-1661-2-ND	3,000	12.82M	GRM21BR71H473KA01L
	X7R	50	47000pF	±20%	1.25	490-4742-1-ND	.82	4.84	13.97	490-4742-2-ND	3,000	13.62M	GRM21BR71H473MA01L
	X7R	50	56000pF	±10%	1.25	490-1662-1-ND	1.19	7.03	20.27	490-1662-2-ND	3,000	19.22M	GRM21BR71H563KA01L
	X7R	50	68000pF	±10%	1.25	490-1663-1-ND	1.51	8.90	25.67	490-1663-2-ND	3,000	24.83M	GRM21BR71H683KA01L
	X7R	50	.1µF	±10%	1.25	490-1666-1-ND	.34	1.98	5.71	490-1666-2-ND	3,000	5.61M	GRM21BR71H104KA01L
	X7R	50	.15µF	±10%	1.25	490-1667-1-ND	2.19	12.96	37.39	490-1667-2-ND	3,000	36.04M	GRM21BR71H154KA01L
	X7R	50	.15µF	±20%	1.25	490-1668-1-ND	2.19	12.96	37.39	490-1668-2-ND	3,000	36.04M	GRM21BR71H154MA01L
	X7R	50	.18µF	±10%	1.25	490-1669-1-ND	2.85	16.86	48.65	490-1669-2-ND	3,000	46.45M	GRM21BR71H184KA01L
	X7R	50	.22µF	±10%	1.25	490-1670-1-ND	2.06	12.18	35.14	490-1670-2-ND	3,000	33.64M	GRM21BR71H224KA01L
	X7R	50	.22µF	±20%	1.25	490-1671-1-ND	2.11	12.49	36.04	490-1671-2-ND	3,000	34.44M	GRM21BR71H224MA01L
	X7R	50	.33µF	±10%	0.85	490-3327-1-ND	2.70	15.93	45.95	490-3327-2-ND	4,000	44.05M	GRM219R71H334KA88D
	X7R	50	.47µF	±10%	1.25	490-3328-1-ND	2.62	15.46	44.80	490-3328-2-ND	3,000	42.45M	GRM21BR71H474KA98L
	X7R	50	1.0µF	±10%	1.25	490-4736-1-ND	4.24	25.04	72.22	490-4736-2-ND	3,000	69.67M	GRM21BR71H105KA12L
	X7R	25	68000pF	±10%	0.85	490-3046-1-ND	1.09	6.45	18.62	490-3046-2-ND	4,000	17.62M	GRM219R71E683KA01D
	X7R	25	.1µF	±10%	1.25	490-1673-1-ND	.33	1.93	5.56	490-1673-2-ND	3,000	5.61M	GRM21BR71E104KA01L
	X7R	25	.15µF	±10%	1.25	490-1674-1-ND	1.73	10.20	29.43	490-1674-2-ND	3,000	28.03M	GRM21BR71E154KA01L
	X7R	25	.22µF	±10%	0.85	490-1675-1-ND	1.49	8.80	25.38	490-1675-2-ND	4,000	24.03M	GRM219R71E224KA01D
	X7R	25	.27µF	±10%	0.85	490-1676-1-ND	3.18	18.79	54.21	490-1676-2-ND	4,000	52.06M	GRM219R71E2