



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	
0603	X7R	100	330pF	±10%	0.8	490-1464-1-ND	.43	2.55	7.36	490-1464-2-ND	4,000	7.21M	GRM188R72A331KA01D
	X7R	100	330pF	±20%	0.8	490-1463-1-ND	.51	3.02	8.71	490-1463-2-ND	4,000	8.01M	GRM188R72A331MA01D
	X7R	100	390pF	±10%	0.8	490-1465-1-ND	.51	3.02	8.71	490-1465-2-ND	4,000	8.01M	GRM188R72A391KA01D
	X7R	100	470pF	±10%	0.8	490-1467-1-ND	.43	2.55	7.36	490-1467-2-ND	4,000	7.21M	GRM188R72A471KA01D
	X7R	100	470pF	±20%	0.8	490-1466-1-ND	.51	3.02	8.71	490-1466-2-ND	4,000	8.01M	GRM188R72A471MA01D
	X7R	100	560pF	±10%	0.8	490-1468-1-ND	.51	3.02	8.71	490-1468-2-ND	4,000	8.01M	GRM188R72A561KA01D
	X7R	100	680pF	±10%	0.8	490-1469-1-ND	.43	2.55	7.36	490-1469-2-ND	4,000	7.21M	GRM188R72A681KA01D
	X7R	100	680pF	±20%	0.8	490-1470-1-ND	.54	3.18	9.16	490-1470-2-ND	4,000	8.81M	GRM188R72A681MA01D
	X7R	100	820pF	±10%	0.8	490-1471-1-ND	.51	3.02	8.71	490-1471-2-ND	4,000	8.01M	GRM188R72A821KA01D
	X7R	100	1000pF	±10%	0.8	490-1472-1-ND	.34	2.03	5.85	490-1472-2-ND	4,000	5.61M	GRM188R72A102KA01D
	X7R	100	1000pF	±20%	0.8	490-1473-1-ND	.40	2.35	6.76	490-1473-2-ND	4,000	6.41M	GRM188R72A102MA01D
	X7R	100	1200pF	±10%	0.8	490-1474-1-ND	.44	2.60	7.51	490-1474-2-ND	4,000	7.21M	GRM188R72A122KA01D
	X7R	100	1500pF	±10%	0.8	490-1475-1-ND	.43	2.55	7.36	490-1475-2-ND	4,000	7.21M	GRM188R72A152KA01D
	X7R	100	1500pF	±20%	0.8	490-1476-1-ND	.43	2.55	7.36	490-1476-2-ND	4,000	7.21M	GRM188R72A152MA01D
	X7R	100	1800pF	±10%	0.8	490-1477-1-ND	.51	3.02	8.71	490-1477-2-ND	4,000	8.36M	GRM188R72A182KA01D
	X7R	100	2200pF	±10%	0.8	490-1478-1-ND	.37	2.19	6.31	490-1478-2-ND	4,000	6.41M	GRM188R72A222KA01D
	X7R	100	2200pF	±20%	0.8	490-1479-1-ND	.42	2.50	7.21	490-1479-2-ND	4,000	7.21M	GRM188R72A222MA01D
	X7R	100	2700pF	±10%	0.8	490-1480-1-ND	.54	3.18	9.16	490-1480-2-ND	4,000	8.81M	GRM188R72A272KA01D
	X7R	100	3300pF	±10%	0.8	490-1481-1-ND	.38	2.29	6.61	490-1481-2-ND	4,000	6.41M	GRM188R72A332KA01D
	X7R	100	3300pF	±20%	0.8	490-1482-1-ND	.43	2.55	7.36	490-1482-2-ND	4,000	7.21M	GRM188R72A332MA01D
	X7R	100	22000pF	±10%	0.8	490-3284-1-ND	.62	3.64	10.51	490-3284-2-ND	4,000	10.41M	GRM188R72A223KA01D
	X7R	100	.1µF	±10%	0.8	490-3285-1-ND	1.52	9.01	25.98	490-3285-2-ND	4,000	24.83M	GRM188R72A104KA35D
	X7R	50	220pF	±10%	0.8	490-1483-1-ND	.37	2.19	6.31	490-1483-2-ND	4,000	6.41M	GRM188R71H221KA01D
	X7R	50	220pF	±20%	0.8	490-1484-1-ND	.42	2.50	7.21	490-1484-2-ND	4,000	7.21M	GRM188R71H221MA01D
	X7R	50	270pF	±10%	0.8	490-1485-1-ND	.44	2.60	7.51	490-1485-2-ND	4,000	7.21M	GRM188R71H271KA01D
	X7R	50	330pF	±10%	0.8	490-1486-1-ND	.38	2.29	6.61	490-1486-2-ND	4,000	6.41M	GRM188R71H331KA01D
	X7R	50	330pF	±20%	0.8	490-1487-1-ND	.44	2.60	7.51	490-1487-2-ND	4,000	7.21M	GRM188R71H331MA01D
	X7R	50	390pF	±10%	0.8	490-1555-1-ND	.42	2.50	7.21	490-1555-2-ND	4,000	6.92M	GRM188R71H391KA01D
	X7R	50	470pF	±10%	0.8	490-1489-1-ND	.34	2.03	5.85	490-1489-2-ND	4,000	5.61M	GRM188R71H471KA01D
	X7R	50	470pF	±20%	0.8	490-1488-1-ND	.40	2.35	6.76	490-1488-2-ND	4,000	6.41M	GRM188R71H471MA01D
	X7R	50	560pF	±10%	0.8	490-1490-1-ND	.42	2.50	7.21	490-1490-2-ND	4,000	6.92M	GRM188R71H561KA01D
	X7R	50	680pF	±10%	0.8	490-1491-1-ND	.37	2.19	6.31	490-1491-2-ND	4,000	6.41M	GRM188R71H681KA01D
	X7R	50	680pF	±20%	0.8	490-1492-1-ND	.46	2.71	7.81	490-1492-2-ND	4,000	7.21M	GRM188R71H681MA01D
	X7R	50	820pF	±10%	0.8	490-1493-1-ND	.42	2.50	7.21	490-1493-2-ND	4,000	7.21M	GRM188R71H821KA01D
	X7R	50	1000pF	±10%	0.8	490-1494-1-ND	.15	.89	2.55	490-1494-2-ND	4,000	2.41M	GRM188R71H102KA01D
	X7R	50	1000pF	±20%	0.8	490-1495-1-ND	.31	1.83	5.25	490-1495-2-ND	4,000	4.81M	GRM188R71H102MA01D
	X7R	50	1200pF	±10%	0.8	490-1496-1-ND	.35	2.08	6.01	490-1496-2-ND	4,000	5.61M	GRM188R71H122KA01D
	X7R	50	1500pF	±10%	0.8	490-1498-1-ND	.26	1.51	4.37	490-1498-2-ND	4,000	4.01M	GRM188R71H152KA01D
	X7R	50	1500pF	±20%	0.8	490-1497-1-ND	.34	2.03	5.85	490-1497-2-ND	4,000	5.61M	GRM188R71H152MA01D
	X7R	50	1800pF	±10%	0.8	490-1499-1-ND	.41	2.39	6.91	490-1499-2-ND	4,000	6.41M	GRM188R71H182KA01D
	X7R	50	2200pF	±10%	0.8	490-1500-1-ND	.26	1.51	4.37	490-1500-2-ND	4,000	4.01M	GRM188R71H222KA01D
	X7R	50	2200pF	±20%	0.8	490-1501-1-ND	.33	1.93	5.56	490-1501-2-ND	4,000	5.61M	GRM188R71H222MA01D
	X7R	50	2700pF	±10%	0.8	490-1502-1-ND	.40	2.35	6.76	490-1502-2-ND	4,000	6.41M	GRM188R71H272KA01D
	X7R	50	3300pF	±10%	0.8	490-1503-1-ND	.26	1.51	4.37	490-1503-2-ND	4,000	4.01M	GRM188R71H332KA01D
	X7R	50	3300pF	±20%	0.8	490-1560-1-ND	.34	2.03	5.85	490-1560-2-ND	4,000	5.61M	GRM188R71H332MA01D
	X7R	50	3900pF	±10%	0.8	490-1504-1-ND	.44	2.60	7.51	490-1504-2-ND	4,000	7.21M	GRM188R71H392KA01D
	X7R	50	4700pF	±10%	0.8	490-1506-1-ND	.19	1.12	3.23	490-1506-2-ND	4,000	3.21M	GRM188R71H472KA01D
	X7R	50	4700pF	±20%	0.8	490-1505-1-ND	.34	1.98	5.71	490-1505-2-ND	4,000	5.61M	GRM188R71H472MA01D
	X7R	50	8200pF	±10%	0.8	490-1510-1-ND	.50	2.91	8.41	490-1510-2-ND	4,000	8.01M	GRM188R71H822KA01D
	X7R	50	6800pF	±20%	0.8	490-1509-1-ND	.34	2.03	5.85	490-1509-2-ND	4,000	5.61M	GRM188R71H682MA01D
	X7R	50	5600pF	±10%	0.8	490-1507-1-ND	.47	2.81	8.11	490-1507-2-ND	4,000	8.01M	GRM188R71H562KA01D
	X7R	50	6800pF	±10%	0.8	490-1508-1-ND	.29	1.72	4.96	490-1508-2-ND	4,000	4.81M	GRM188R71H682KA01D
	X7R	50	10000pF	±10%	0.8	490-1512-1-ND	.14	.81	2.33	490-1512-2-ND	4,000	2.41M	GRM188R71H103KA01D
	X7R	50	10000pF	±20%	0.8	490-1511-1-ND	.27	1.62	4.65	490-1511-2-ND	4,000	4.81M	GRM188R71H103MA01D
	X7R	50	12000pF	±10%	0.8	490-1513-1-ND	.50	2.91	8.41	490-1513-2-ND	4,000	8.01M	GRM188R71H123KA01D
	X7R	50	15000pF	±10%	0.8	490-1514-1-ND	.32	1.87	5.41	490-1514-2-ND	4,000	4.81M	GRM188R71H153KA01D
	X7R	50	15000pF	±20%	0.8	490-1515-1-ND	.40	2.35	6.76	490-1515-2-ND	4,000	6.41M	GRM188R71H153MA01D
	X7R	50	18000pF	±10%	0.8	490-1516-1-ND	.51	3.02	8.71	490-1516-2-ND	4,000	8.01M	GRM188R71H183KA01D
	X7R	50	22000pF	±10%	0.8	490-1517-1-ND	.36	2.14	6.16	490-1517-2-ND	4,000	5.61M	GRM188R71H223KA01D
	X7R	50	22000pF	±20%	0.8	490-1518-1-ND	.46	2.76	7.96	490-1518-2-ND	4,000	8.01M	GRM188R71H223MA01D
	X7R	50	33000pF	±10%	0.8	490-3286-1-ND	.46	2.76	7.96	490-3286-2-ND	4,000	8.01M	GRM188R71H333KA61D
	X7R	50	47000pF	±10%	0.8	490-3287-1-ND	.42	2.52	7.28	490-3287-2-ND	4,000	7.21M	GRM188R71H473KA61D
	X7R	50	68000pF	±10%	0.8	490-3288-1-ND	.55	3.28	9.46	490-3288-2-ND	4,000	8.81M	GRM188R71H683KA93D
	X7R	50	.1µF	±10%	0.8	490-1519-1-ND	.30	1.77	5.11	490-1519-2-ND	4,000	4.81M	GRM188R71H104KA93D
	X7R	25	10000pF	±10%	0.8	490-1520-1-ND	.17	.99	2.85	490-1520-2-ND	4,000	2.41M	GRM188R71E103KA01D
	X7R	25	33000pF	±10%	0.8	490-1521-1-ND	.40	2.35	6.76	490-1521-2-ND	4,000	6.41M	GRM188R71E333KA01D
	X7R	25	47000pF	±10%	0.8	490-1522-1-ND	.42	2.45	7.06	490-1522-2-ND	4,000	6.41M	GRM188R71E473KA01D
	X7R	25	68000pF	±10%	0.8	490-1523-1-ND	.42	2.45	7.06	490-1523-2-ND	4,000	6.41M	GRM188R71E683KA01D
	X7R	25	.1µF	±10%	0.8	490-1524-1-ND	.15	.89	2.55	490-1524-2-ND	4,000	2.41M	GRM188R71E104KA01D
	X7R	25	.22µF	±10%	0.8	490-3290-1-ND	.90	5.37	15.46	490-3290-2-ND	4,000	15.22M	GRM188R71E224KA88D
	X7R	25	.47µF	±10%	0.8	490-3291-1-ND	1.06	6.25	18.02	490-3291-2-ND	4,000	17.62M	GRM188R71E474KA12D
	X7R	25	1.0µF	±10%	0.8	490-5307-1-ND	2.34	13.84	39.91	490-5307-2-ND	4,000	38.44M	GRM188R71E105KA12D
	X7R	16	10000pF	±10%	0.8	490-1525-1-ND	.31	1.83	5.25	490-1525-2-ND	4,000	4.81M	GRM188R71C103KA01D
	X7R	16	12000pF	±10%	0.8	490-1526-1-ND	.50	2.91	8.41	490-1526-2-ND	4,000	8.01M	GRM188R71C123KA01D
	X7R	16	22000pF	±10%	0.8	490-1527-1-ND	.34	1.98	5.71	490-1527-2-ND	4,000	5.61M	GRM188R71C223KA01D
	X7R	16	33000pF	±10%	0.8	490-1528-1-ND	.40	2.35	6.76	490-1528-2-ND	4,000	6.41M	GRM188R71C333KA01D
	X7R	16	47000pF	±10%	0.8	490-1529-1-ND	.30	1.81	5.23	490-1529-2-ND	4,000	4.81M	GRM188R71C473KA01D
	X7R	16	56000pF	±10%	0.8	490-1530-1-ND	.80	4.74	13.66	490-1530-2-ND	4,000	12.82M	GRM188R71C563KA01D
	X7R	16	68000pF	±10%	0.8	490-1531-1-ND	.42	2.45	7.06	490-1531-2-ND	4,000	6.41M	GRM188R71C683KA01D
	X7R	16	.1µF	±10%	0.8	490-1532-1-ND	.14	.83	2.40	490-1532-2-ND	4,000	2.41M	GRM188R71C104KA01D
	X7R	16	.15µF	±10%	0.8	490-3292-1-ND	.61	3.60	10.36	490-3292-2-ND	4,000	9.61M	GRM188R71C154KA01D
	X7R	16	.22µF	±10%	0.8	490-3293-1-ND	.73	4.					