



Multilayer Ceramic Chip Capacitors (Cont.)



Case Size	Type	WV DC	Capacitance	Tolerance	Dim. T (mm)	Digi-Key Part No.	Cut Tape Pricing			Digi-Key Part No.	Tape and Reel		TDK Part No.	
							10	100	500		Qty.	Pricing		
1206	X7R	50	1.0µF	±10%	1.6	445-1423-1-ND	1.76	10.41	30.03	445-1423-2-ND	2,000	28.83M	C3216X7R1H105K	
	X7R	50	1.0µF	±20%	1.6	445-4015-1-ND	1.76	10.41	30.03	445-4015-2-ND	2,000	28.83M	C3216X7R1H105M	
	X7R	25	0.22µF	±10%	1.15	445-4016-1-ND	1.28	7.55	21.77	445-4016-2-ND	2,000	20.82M	C3216X7R1E224K	
	X7R	25	0.22µF	±20%	1.15	445-4017-1-ND	1.41	8.33	24.02	445-4017-2-ND	2,000	23.23M	C3216X7R1E224M	
	X7R	25	0.33µF	±10%	1.4	445-4018-1-ND	1.37	8.07	23.27	445-4018-2-ND	2,000	22.42M	C3216X7R1E334K	
	X7R	25	0.33µF	±20%	1.4	445-4019-1-ND	1.50	8.85	25.53	445-4019-2-ND	2,000	24.83M	C3216X7R1E334M	
	X7R	25	0.47µF	±10%	0.85	445-4020-1-ND	2.38	14.05	40.54	445-4020-2-ND	4,000	39.24M	C3216X7R1E474K/0.85	
	X7R	25	0.47µF	±20%	0.85	445-4021-1-ND	2.38	14.05	40.54	445-4021-2-ND	4,000	39.24M	C3216X7R1E474M/0.85	
	X7R	25	0.68µF	±10%	0.85	445-4022-1-ND	2.11	12.49	36.04	445-4022-2-ND	4,000	34.44M	C3216X7R1E684K/0.85	
	X7R	25	0.68µF	±20%	0.85	445-4023-1-ND	2.24	15.62	45.05	445-4023-2-ND	4,000	43.25M	C3216X7R1E684M/0.85	
	X7R	25	1.0µF	±10%	1.6	445-1381-1-ND	1.50	8.85	25.53	445-1381-2-ND	2,000	24.83M	C3216X7R1E105K	
	X7R	25	1.0µF	±20%	1.6	445-4025-1-ND	1.50	8.85	25.53	445-4025-2-ND	2,000	24.83M	C3216X7R1E105M	
	X7R	25	1.0µF	±20%	0.85	445-4024-1-ND	1.23	7.29	21.02	445-4024-2-ND	4,000	20.02M	C3216X7R1E105M/0.85	
	X7R	25	1.5µF	±10%	1.6	445-4026-1-ND	3.52	20.82	60.06	445-4026-2-ND	2,000	57.66M	C3216X7R1E155K	
	X7R	25	1.5µF	±20%	1.6	445-4027-1-ND	3.52	20.82	60.06	445-4027-2-ND	2,000	57.66M	C3216X7R1E155M	
	X7R	25	2.2µF	±20%	1.6	445-4028-1-ND	1.85	10.93	31.54	445-4028-2-ND	2,000	30.43M	C3216X7R1E225M	
	X7R	25	3.3µF	±10%	1.6	445-4029-1-ND	3.08	18.22	52.56	445-4029-2-ND	2,000	50.45M	C3216X7R1E335K	
	X7R	25	3.3µF	±20%	1.6	445-4030-1-ND	3.08	18.22	52.56	445-4030-2-ND	2,000	50.45M	C3216X7R1E335M	
	X7R	25	4.7µF	±10%	1.6	445-1606-1-ND	3.17	18.74	54.05	445-1606-2-ND	2,000	51.89M	C3216X7R1E475K	
	X7R	25	4.7µF	±20%	1.6	445-1424-1-ND	3.17	18.74	54.05	445-1424-2-ND	2,000	51.89M	C3216X7R1E475M	
	X7R	16	0.47µF	±10%	1.15	445-4031-1-ND	1.50	8.85	25.53	445-4031-2-ND	2,000	24.83M	C3216X7R1C474K	
	X7R	16	0.47µF	±20%	1.15	445-4032-1-ND	1.50	8.85	25.53	445-4032-2-ND	2,000	24.83M	C3216X7R1C474M	
	X7R	16	1.0µF	±10%	1.3	445-1383-1-ND	1.94	11.45	33.03	445-1383-2-ND	2,000	32.03M	C3216X7R1C105K	
	X7R	16	1.0µF	±20%	1.3	445-4036-1-ND	1.94	11.45	33.03	445-4036-2-ND	2,000	32.03M	C3216X7R1C105M	
	X7R	16	1.0µF	±10%	0.85	445-1591-1-ND	1.50	8.85	25.53	445-1591-2-ND	4,000	24.83M	C3216X7R1C105K/0.85	
	X7R	16	1.0µF	±20%	0.85	445-4033-1-ND	1.50	8.85	25.53	445-4033-2-ND	4,000	24.83M	C3216X7R1C105M/0.85	
	X7R	16	1.0µF	±10%	1.15	445-4034-1-ND	1.55	9.11	26.27	445-4034-2-ND	2,000	25.63M	C3216X7R1C105K/1.15	
	X7R	16	1.0µF	±20%	1.15	445-4035-1-ND	1.76	10.41	30.03	445-4035-2-ND	2,000	28.83M	C3216X7R1C105M/1.15	
	X7R	16	2.2µF	±10%	1.6	445-1384-1-ND	1.76	10.41	30.03	445-1384-2-ND	2,000	28.83M	C3216X7R1C225K/1.60	
	X7R	16	2.2µF	±20%	1.15	445-4037-1-ND	1.76	10.41	30.03	445-4037-2-ND	2,000	28.83M	C3216X7R1C225M/1.60	
	X7R	16	3.3µF	±10%	0.85	445-4038-1-ND	2.64	15.62	45.05	445-4038-2-ND	2,000	43.25M	C3216X7R1C335K/1.60	
	X7R	16	3.3µF	±20%	0.85	445-4039-1-ND	2.64	15.62	45.05	445-4039-2-ND	2,000	43.25M	C3216X7R1C335M/1.60	
	X7R	16	4.7µF	±10%	1.15	445-1385-1-ND	2.11	12.49	36.04	445-1385-2-ND	2,000	34.60M	C3216X7R1C475K/1.60	
	X7R	16	4.7µF	±20%	1.6	445-1425-1-ND	2.03	11.97	34.54	445-1425-2-ND	2,000	33.16M	C3216X7R1C475M/1.60	
	X7R	16	6.8µF	±10%	1.6	445-4040-1-ND	4.84	28.63	82.59	445-4040-2-ND	2,000	79.28M	C3216X7R1C685K	
	X7R	16	6.8µF	±20%	1.6	445-4041-1-ND	4.84	28.63	82.59	445-4041-2-ND	2,000	79.28M	C3216X7R1C685M	
	X7R	16	10µF	±10%	1.6	445-4042-1-ND	8.88	22.90	66.07	445-4042-2-ND	2,000	63.27M	C3216X7R1C106K	
	X7R	16	10µF	±20%	1.6	445-1601-1-ND	3.70	21.86	63.06	445-1601-2-ND	2,000	60.54M	C3216X7R1C106M	
	X7R	10	10µF	±10%	1.9	445-4043-1-ND	2.82	16.66	48.05	445-4043-2-ND	2,000	46.45M	C3216X7R1A106K	
	X7R	10	10µF	±20%	1.9	445-1602-1-ND	2.64	15.62	45.05	445-1602-2-ND	2,000	43.25M	C3216X7R1A106M	
	X7S	100	2.2µF	±10%	1.6	445-5207-1-ND	9.69	57.26	165.17	445-5207-2-ND	2,000	158.56M	C3216X7S2A225K	
	X7S	100	2.2µF	±20%	1.6	445-5208-1-ND	9.69	57.26	165.17	445-5208-2-ND	2,000	158.56M	C3216X7S2A225M	
	X5R	50	1.0µF	±10%	1.6	445-4044-1-ND	1.76	10.41	30.03	445-4044-2-ND	2,000	28.83M	C3216X5R1H105K	
	X5R	50	1.0µF	±20%	1.6	445-4045-1-ND	1.76	10.41	30.03	445-4045-2-ND	2,000	28.83M	C3216X5R1H105M	
	X5R	25	2.2µF	±10%	1.6	445-4045-1-ND	1.85	10.93	31.54	445-4045-2-ND	2,000	30.43M	C3216X5R1E225K	
	X5R	25	2.2µF	±20%	1.6	445-4577-1-ND	1.85	10.93	31.54	445-4577-2-ND	2,000	30.27M	C3216X5R1E225M	
	X5R	25	3.3µF	±10%	1.6	445-4046-1-ND	3.08	18.22	52.56	445-4046-2-ND	2,000	50.45M	C3216X5R1E335K/1.60	
	X5R	25	3.3µF	±20%	1.6	445-4578-1-ND	3.08	18.22	52.56	445-4578-2-ND	2,000	50.45M	C3216X5R1E335M/1.60	
	X5R	25	4.7µF	±10%	1.6	445-4047-1-ND	3.88	22.90	66.07	445-4047-2-ND	2,000	63.27M	C3216X5R1E475K	
	X5R	25	4.7µF	±20%	1.6	445-4048-1-ND	3.88	22.90	66.07	445-4048-2-ND	2,000	63.27M	C3216X5R1E475M	
	X5R	16	2.2µF	±10%	1.15	445-4049-1-ND	1.76	10.41	30.03	445-4049-2-ND	2,000	28.83M	C3216X5R1C225K/1.60	
	X5R	16	2.2µF	±20%	1.15	445-4579-1-ND	1.76	10.41	30.03	445-4579-2-ND	2,000	28.83M	C3216X5R1C225M/1.60	
	X5R	16	3.3µF	±10%	0.85	445-4580-1-ND	2.64	15.62	45.05	—	—	—	—	C3216X5R1C335K
	X5R	16	3.3µF	±20%	0.85	445-4581-1-ND	2.64	15.62	45.05	445-4581-2-ND	2,000	43.25M	C3216X5R1C335M/1.60	
	X5R	16	4.7µF	±10%	1.15	445-4050-1-ND	2.11	12.49	36.04	445-4050-2-ND	2,000	34.44M	C3216X5R1C475K/1.60	
	X5R	16	4.7µF	±20%	1.15	445-4051-1-ND	2.03	11.97	34.54	445-4051-2-ND	2,000	32.84M	C3216X5R1C475M/1.60	
	X5R	16	6.8µF	±10%	1.6	445-4582-1-ND	4.84	28.63	82.59	445-4582-2-ND	2,000	79.28M	C3216X5R1C685K	
	X5R	16	6.8µF	±20%	1.6	445-4583-1-ND	4.84	28.63	82.59	445-4583-2-ND	2,000	79.28M	C3216X5R1C685M	
	X5R	16	10µF	±10%	1.6	445-4052-1-ND	2.82	16.66	48.05	445-4052-2-ND	2,000	46.45M	C3216X5R1C106K	
	X5R	16	10µF	±20%	1.6	445-1426-1-ND	2.64	15.62	45.05	445-1426-2-ND	2,000	43.25M	C3216X5R1C106M	
	X5R	10	2.2µF	±10%	0.85	445-4053-1-ND	1.76	10.41	30.03	—	—	—	—	C3216X5R1A225K/1.15
	X5R	10	2.2µF	±20%	0.85	445-4054-1-ND	1.76	10.41	30.03	445-4054-2-ND	2,000	28.83M	C3216X5R1A225M/1.60	
	X5R	10	3.3µF	±10%	1.15	445-4055-1-ND	2.20	13.01	37.54	445-4055-2-ND	2,000	36.04M	C3216X5R1A335K/1.15	
	X5R	10	3.3µF	±20%	0.85	445-4584-1-ND	2.20	13.01	37.54	445-4584-2-ND	2,000	36.04M	C3216X5R1A335M/1.15	
	X5R	10	4.7µF	±10%	1.6	445-1386-1-ND	1.85	10.93	31.54	445-1386-2-ND	2,000	30.27M	C3216X5R1A475K	
	X5R	10	4.7µF	±20%	1.6	445-4056-1-ND	1.85	10.93	31.54	445-4056-2-ND	2,000	30.43M	C3216X5R1A475M	
	X5R	10	10µF	±10%	1.6	445-4057-1-ND	2.64	15.62	45.05	445-4057-2-ND	2,000	43.25M	C3216X5R1A106K	
	X5R	10	10µF	±20%	1.6	445-1387-1-ND	2.51	14.84	42.79	445-1387-2-ND	2,000	41.08M	C3216X5R1A106M	
	X5R	6.3	10µF	±10%	1.6	445-1388-1-ND	1.76	10.41	30.03	445-1388-2-ND	2,000	28.83M	C3216X5R0J106K/1.60	
	X5R	6.3	10µF	±20%	1.6	445-1389-1-ND	1.76	10.41	30.03	445-1389-2-ND	2,000	28.83M	C3216X5R0J106M	
	X5R	6.3	15µF	±20%	1.6	445-4058-1-ND	7.05	41.64	120.12	445-4058-2-ND	2,000	115.32M	C3216X5R0J156M	
	X5R	6.3	22µF	±10%	1.6	445-4059-1-ND	5.29	31.23	90.09	445-4059-2-ND	2,000	86.49M	C3216X5R0J226K/1.60	
	X5R	6.3	22µF	±20%	0.85	445-1427-1-ND	5.29	31.23						