

TDK Ceramic Chip Capacitors



NEW FROM TDK

C SERIES OPEN MODE CAPACITORS

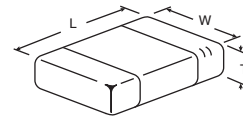
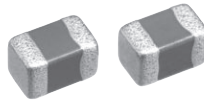
RoHS Compliant This product is RoHS compliant.

Features:

- Increase resistance to mechanical bending, temperature cycle, vibration, and electrical stresses
- Wider distance between the end of the opposite electrode and the termination
- Reduces the risk of short circuit failures
- X7R and X8R temperature ranges

Applications:

- Automotive and other high stress applications
- Battery line circuit with high board flex stress



EIA Code	EIAJ Code	Dim. L	(mm) W
0805	2012	2.0	1.25
1206	3216	3.2	1.6
1210	3225	3.2	2.5
1812	4532	4.5	3.2
2220	5750	5.7	5.0

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TDK Part No.	Value (µF)	Volt (DC)	Temp. Coef	Tol.±	Dim. T (mm)	Price Each				Reel Qty.	Price Per Piece
							1	50	100	500		
Style 0805												
810-C2012X7R2A102KT5	C2012X7R2A102KT5	1000pF	100	X7R	10%	0.85	.30	.16	.105	.051	4000	.03
810-C2012X7R2E102KT5	C2012X7R2E102KT5	1000pF	250	X7R	10%	0.85	.36	.18	.126	.061	4000	.036
810-C2012X7R2A152KT5	C2012X7R2A152KT5	1500pF	100	X7R	10%	0.85	.36	.185	.126	.061	4000	.036
810-C2012X7R2E152KT5	C2012X7R2E152KT5	1500pF	250	X7R	10%	0.85	.36	.18	.126	.061	4000	.036
810-C2012X7R2A222KT5	C2012X7R2A222KT5	2200pF	100	X7R	10%	0.85	.30	.16	.105	.051	4000	.03
810-C2012X7R2E222KT5	C2012X7R2E222KT5	2200pF	250	X7R	10%	0.85	.36	.18	.126	.061	4000	.036
810-C2012X7R2A332KT5	C2012X7R2A332KT5	3300pF	100	X7R	10%	0.85	.36	.185	.126	.061	4000	.036
810-C2012X7R2E332KT5	C2012X7R2E332KT5	3300pF	250	X7R	10%	0.85	.36	.18	.126	.061	4000	.036
810-C2012X7R2A472KT5	C2012X7R2A472KT5	4700pF	100	X7R	10%	0.85	.30	.16	.105	.051	4000	.03
810-C2012X7R2E472KT5	C2012X7R2E472KT5	4700pF	250	X7R	10%	0.85	.36	.18	.126	.061	4000	.036
810-C2012X7R2A682KT5	C2012X7R2A682KT5	6800pF	100	X7R	10%	0.85	.36	.185	.126	.061	4000	.036
810-C2012X7R2E682KT5	C2012X7R2E682KT5	6800pF	250	X7R	10%	1.25	.36	.18	.126	.061	2000	.041
810-C2012X7R2A103KT5	C2012X7R2A103KT5	.01	100	X7R	10%	0.85	.36	.185	.126	.061	4000	.036
810-C2012X7R2E103KT5	C2012X7R2E103KT5	.01	250	X7R	10%	1.25	.36	.18	.126	.061	2000	.041
810-C2012X7R2A153KT5	C2012X7R2A153KT5	.015	100	X7R	10%	1.25	.40	.24	.14	.068	2000	.041
810-C2012X7R2E153KT5	C2012X7R2E153KT5	.015	250	X7R	10%	1.25	.44	.26	.154	.074	2000	.041
810-C2012X7R2A223KT5	C2012X7R2A223KT5	.022	100	X7R	10%	1.25	.44	.26	.154	.074	2000	.041
810-C2012X8R1H223KT5	C2012X8R1H223KT5	.022	50	X8R	10%	0.85	.48	.25	.168	.081	4000	.048
810-C2012X8R1H333KT5	C2012X8R1H333KT5	.033	50	X8R	10%	0.85	.35	.22	.143	.082	4000	.046
810-C2012X8R1H473KT5	C2012X8R1H473KT5	.047	50	X8R	10%	1.25	.35	.22	.143	.082	2000	.05
810-C2012X8R1H683KT5	C2012X8R1H683KT5	.068	50	X8R	10%	1.25	.36	.20	.149	.085	2000	.05
810-C2012X7R1H104KT5	C2012X7R1H104KT5	.1	50	X7R	10%	1.25	.30	.16	.105	.051	2000	.05
Style 1206												
810-C3216X7R2J102KT5	C3216X7R2J102KT5	1000pF	630	X7R	10%	1.15	.28	.215	.14	.09	2000	.053
810-C3216X7R2J152KT5	C3216X7R2J152KT5	1500pF	630	X7R	10%	1.15	.46	.25	.189	.108	2000	.053
810-C3216X7R2J222KT5	C3216X7R2J222KT5	2200pF	630	X7R	10%	1.15	.42	.26	.172	.099	2000	.053
810-C3216X7R2J332KT5	C3216X7R2J332KT5	3300pF	630	X7R	10%	1.15	.46	.25	.189	.108	2000	.053
810-C3216X7R2J472KT5	C3216X7R2J472KT5	4700pF	630	X7R	10%	1.15	.42	.26	.172	.099	2000	.053
810-C3216X7R2J682KT5	C3216X7R2J682KT5	6800pF	630	X7R	10%	1.15	.42	.27	.20	.128	2000	.053
810-C3216X7R2J103KT5	C3216X7R2J103KT5	.01	630	X7R	10%	1.15	.42	.26	.172	.099	2000	.053
810-C3216X7R2E153KT5	C3216X7R2E153KT5	.015	250	X7R	10%	1.15	.49	.28	.201	.115	2000	.053
810-C3216X7R2J153KT5	C3216X7R2J153KT5	.015	630	X7R	10%	1.3	.42	.27	.20	.128	2000	.053
810-C3216X7R2E223KT5	C3216X7R2E223KT5	.022	250	X7R	10%	1.15	.49	.28	.201	.115	2000	.053
810-C3216X7R2J223KT5	C3216X7R2J223KT5	.022	630	X7R	10%	1.3	.42	.323	.21	.135	2000	.053
810-C3216X7R2A333KT5	C3216X7R2A333KT5	.033	100	X7R	10%	1.15	.42	.26	.172	.099	2000	.053
810-C3216X7R2E333KT5	C3216X7R2E333KT5	.033	250	X7R	10%	1.6	.42	.27	.20	.128	2000	.053
810-C3216X7R2J333KT5	C3216X7R2J333KT5	.033	630	X7R	10%	1.6	.47	.28	.225	.144	2000	.053
810-C3216X7R2A473KT5	C3216X7R2A473KT5	.047	100	X7R	10%	1.15	.42	.26	.172	.099	2000	.053
810-C3216X7R2E473KT5	C3216X7R2E473KT5	.047	250	X7R	10%	1.6	.42	.323	.21	.135	2000	.053
810-C3216X7R2A683KT5	C3216X7R2A683KT5	.068	100	X7R	10%	1.6	.46	.25	.189	.108	2000	.053
810-C3216X7R2E683KT5	C3216X7R2E683KT5	.068	250	X7R	10%	1.6	.47	.28	.225	.144	2000	.053
810-C3216X7R2A154KT5	C3216X7R2A154KT5	.15	100	X7R	10%	1.6	.46	.25	.189	.108	2000	.053
810-C3216X7R2A104KT5	C3216X7R2A104KT5	.1	100	X7R	10%	1.6	.42	.26	.172	.099	2000	.053
810-C3216X7R2E104KT5	C3216X7R2E104KT5	.1	250	X7R	10%	1.6	.47	.28	.225	.144	2000	.053
810-C3216X7R2A105KT5	C3216X7R2A105KT5	.1	100	X7R	10%	1.6	.60	.42	.315	.225	2000	.053
810-C3216X7R1C475MT5	C3216X7R1C475MT5	4.7	16	X7R	20%	1.6	.44	.338	.22	.141	2000	.053
Style 1210												
810-C3225X7R2J473KT5	C3225X7R2J473KT5	.047	630	X7R	10%	2.0	.60	.42	.315	.225	1000	.18
810-C3225X7R2J683KT5	C3225X7R2J683KT5	.068	630	X7R	10%	2.0	.69	.543	.437	.347	1000	.18
810-C3225X7R2E154KT5	C3225X7R2E154KT5	.15	250	X7R	10%	2.0	.65	.50	.325	.208	1000	.18
810-C3225X7R2E104KT5	C3225X7R2E104KT5	.1	250	X7R	10%	2.0	.63	.46	.30	.192	1000	.18
810-C3225X7R2E224KT5	C3225X7R2E224KT5	.22	250	X7R	10%	2.0	.65	.50	.325	.208	1000	.18
810-C3225X7R2A334KT5	C3225X7R2A334KT5	.33	100	X7R	10%	2.0	.47	.369	.293	.236	1000	.18
810-C3225X7R1H474KT5	C3225X7R1H474KT5	.47	50	X7R	10%	1.6	.63	.46	.30	.192	2000	.108
810-C3225X7R1H684KT5	C3225X7R1H684KT5	.68	50	X7R	10%	2.0	.65	.50	.325	.208	1000	.135
810-C3225X7R1E105KT5	C3225X7R1E105KT5	.1	25	X7R	10%	1.15	.63	.46	.30	.192	2000	.108
810-C3225X7R1E155KT5	C3225X7R1E155KT5	1.5	25	X7R	10%	1.6	.43	.339	.268	.216	2000	.108
810-C3225X7R1E225KT5	C3225X7R1E225KT5	2.2	25	X7R	10%	2.0	.43	.339	.268	.216	1000	.162
810-C3225X7R2A225KT5	C3225X7R2A225KT5	2.2	100	X7R	10%	2.0	.72	.565	.448	.361	1000	.162
810-C3225X7R1C335KT5	C3225X7R1C335KT5	3.3	16	X7R	10%	2.3	1.02	.74	.59	.475	1000	.162
810-C3225X7R1C475KT5	C3225X7R1C475KT5	4.7	16	X7R	10%	2.5	.80	.60	.42	.30	1000	.162
Style 1812												
810-C4532X7R2J683KT5	C4532X7R2J683KT5	.068	630	X7R	10%	1.6	.69	.543	.431	.347	1000	.26
810-C4532X7R2E154KT5	C4532X7R2E154KT5	.15	250	X7R	10%	1.6	.63	.50	.396	.319	1000	.26
810-C4532X7R2J104KT5	C4532X7R2J104KT5	.1	630	X7R	10%	2.3	.69	.543	.431	.347	500	.347
810-C4532X7R2E224KT5	C4532X7R2E224KT5	.22	250	X7R	10%	2.3	.63	.50	.396	.319	500	.347
810-C4532X7R2E334KT5	C4532X7R2E334KT5	.33	250	X7R	10%	2.3	.72	.565	.448	.361	500	.347
810-C4532X7R2E474KT5	C4532X7R2E474KT5	.47	250	X7R	10%	2.3	.77	.608	.482	.388	500	.347
810-C4532X7R2A684KT5	C4532X7R2A684KT5	.68	100	X7R	10%	2.3	1.01	.80	.621	.324	500	.347
810-C4532X7R1H105KT5	C4532X7R1H105KT5	.1	50	X7R	10%	1.6	.72	.565	.448	.361	1000	.27
810-C4532X7R1H155KT5	C4532X7R1H155KT5	1.5	50	X7R	10%	2.3	.94	.70	.54	.435	500	.435
810-C4532X7R1E335KT5	C4532X7R1E335KT5	3.3	25	X7R	10%	1.6	.88	.695	.551	.444	1000	.333
810-C4532X7R1E475KT5	C4532X7R1E475KT5	4.7	25	X7R	10%	2.0	.88	.695	.551	.444	1000	.333
810-C4532X7R1C685KT5	C4532X7R1C685KT5	6.8	16	X7R	10%	2.0	1.13	.86	.69	.56	1000	.333
810-C4532X7R1C106KT5	C4532X7R1C106KT5	10	16	X7R	10%	2.3	1.01	.80	.621	.324	500	.347
Style 2220												
810-C5750X7R2J154KT5	C5750X7R2J154KT5	.15	630	X7R	10%	1.6	1.66	1.30	1.03	.833	1000	.625
810-C5750X7R2J224KT5	C5750X7R2J224KT5	.22	630	X7R	10%	2.3	1.66	1.30	1.03	.833	500	.833
810-C5750X7R2E334KT5	C5750X7R2E334KT5	.33	250	X7R	10%	1.6	1.66	1.30	1.03			