

# TDK High Capacitance Ceramic Chip Capacitors

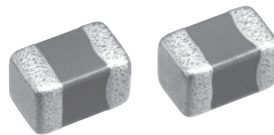
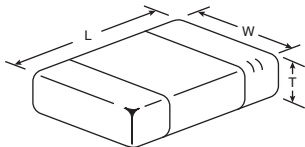


RoHS Compliant This product is RoHS compliant.

## C SERIES CAPACITORS (CONT.)

### Features:

- High capacitance has been achieved through precision technologies
- Monolithic structure ensures superior mechanical strength and reliability
- High-accuracy automatic mounting is facilitated through the maintenance of very precise dimensional tolerances.
- Composed of only ceramics and metals, these capacitors provide extremely dependable performance, exhibiting virtually no degradation even when subjected to temperature extremes.



EIA Code	EIAJ Code	Dim. (mm)	
		L	W
1210	3225	3.2	2.5
1812	4532	4.5	3.2
2220	5750	5.7	5.0

### Style 1210 (Cont.)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Value (µF)	Volt (DC)	Tol.±	Dim. T (mm)	Price Each			Reel Qty.	Price Per Piece
Mfr.	Mfr. Part No.					1	100	500		
Temperature Coef: X5R (Cont.)										
810	C3225X5R1A156M	15	10	20%	2.3	.50	.31	.25	1000	.187
810	C3225X5R0J226K	22	6.3	10%	1.6	.69	.431	.347	1000	.26
810	C3225X5R0J226K-6	22	6.3	10%	1.6	.69	.431	.347	1000	.26
810	C3225X5R0J226M	22	6.3	20%	2	.65	.403	.325	1000	.243
810	C3225X5R0J226M-6	22	6.3	20%	1.6	.65	.403	.325	1000	.243
810	C3225X5R1A226M	22	10	20%	2.3	.88	.462	.33	1000	.264
810	C3225X5R1A226M-6	22	10	20%	2.3	.88	.462	.33	1000	.264
810	C3225X5R1C226M	22	16	20%	2.5	1.01	.529	.378	1000	.214
810	C3225X5R0J476M	47	6.3	20%	2.5	.94	.54	.435	1000	.24
810	C3225X5R1A476M	47	10	20%	2.5	1.24	.759	.616	2000	.319
810	C3225X5R0J107M	100	6.3	20%	2.5	1.36	.844	.68	1000	.51
Temperature Coef: X6S										
810	C3225X6S0J476M	47	6.3	20%	2.5	1.01	.621	.324	1000	.279
810	C3225X6S0G107M	100	4	20%	2.5	1.52	.948	.763	1000	.572
810	C3225X6S0J107M	100	6.3	20%	2.5	1.52	.948	.763	1000	.572
Temperature Coef: X7R										
810	C3225X7R2E104M	0.1	250	20%	2	.28	.179	.144	1000	.108
810	C3225X7R2E154K	0.15	250	10%	2	.70	.35	.225	1000	.146
810	C3225X7R2E154M	0.15	250	20%	2	.70	.35	.225	1000	.146
810	C3225X7R2E224M	0.22	250	20%	2	.46	.22	.14	1000	.083
810	C3225X7R2A334K	0.33	100	10%	2	.47	.293	.236	1000	.177
810	C3225X7R2A334M	0.33	100	20%	2	.47	.293	.236	1000	.177
810	C3225X7R2A474M	0.47	100	20%	2	.64	.336	.24	1000	.192
810	C3225X7R2A684K	0.68	100	10%	2	.88	.462	.33	1000	.264
810	C3225X7R2A684M	0.68	100	20%	2	.88	.462	.33	2000	.176
810	C3225X7R1H105K	1	50	10%	1.6	.46	.22	.14	1000	.083
810	C3225X7R1H105K-5	1	50	10%	1.6	.46	.22	.14	2000	.081
810	C3225X7R1H105M	1	50	20%	1.6	.46	.22	.14	1000	.083
810	C3225X7R1H105M-5	1	50	20%	1.6	.46	.22	.14	2000	.081
810	C3225X7R2A105M	1	100	20%	2	.52	.327	.263	1000	.197
810	C3225X7R1H155M	1.5	50	20%	2	.60	.315	.225	1000	.18
810	C3225X7R1E225M	2.2	25	20%	1.6	.46	.291	.234	1000	.176
810	C3225X7R1H225K	2.2	50	10%	2.5	.50	.31	.25	1000	.187
810	C3225X7R2A225K	2.2	100	10%	2.3	.88	.462	.33	1000	.264
810	C3225X7R1H335M	3.3	50	20%	2.5	.75	.465	.375	1000	.281
810	C3225X7R1E475K	4.7	25	10%	2	.54	.27	.172	1000	.112
810	C3225X7R1E475M	4.7	25	20%	2	.54	.27	.172	1000	.112
810	C3225X7R1E685M	6.8	25	20%	2	.58	.362	.291	1000	.218
810	C3225X7R1C106M	10	16	20%	2	.58	.302	.216	1000	.122
810	C3225X7R1E106M	10	25	20%	2.5	.57	.358	.288	1000	.216
Temperature Coef: X7S										
810	C3225X7S2A335M	3.3	100	20%	2	.94	.54	.435	1000	.24
810	C3225X7S2A475K	4.7	10	10%	2	1.66	1.03	.833	1000	.625
810	C3225X7S2A475M	4.7	10	20%	2	1.55	.965	.777	1000	.583
810	C3225X7S1H685K	6.8	50	10%	2.5	1.88	1.23	1.01	1000	.563
810	C3225X7S1H685M	6.8	50	20%	2.5	1.38	.862	.694	1000	.52
Temperature Coef: Y5V										
810	C3225Y5V1H475Z	4.7	50	+80,-20%	1.15	.63	.30	.192	2000	.108
810	C3225Y5V1C106Z	10	16	+80,-20%	1.25	.47	.225	.144	2000	.081
810	C3225Y5V1E106Z	10	25	+80,-20%	1.6	.46	.287	.231	2000	.12
810	C3225Y5V1A226Z	22	10	+80,-20%	1.15	.40	.253	.204	1000	.153
810	C3225Y5V1A476Z	47	10	+80,-20%	2	.94	.54	.435	1000	.24
810	C3225Y5V0J107Z	100	6.3	+80,-20%	2.5	1.24	.759	.616	1000	.341

### Style 1812

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Value (µF)	Volt (DC)	Tol.±	Dim. T (mm)	Price Each			Reel Qty.	Price Per Piece
Mfr.	Mfr. Part No.					1	100	500		
Temperature Coef: X5R										
810	C4532X5R1E106K	10	25	10%	2.5	1.37	.853	.687	500	.687
810	C4532X5R1E106M	10	25	20%	2.5	1.25	.775	.625	500	.625
810	C4532X5R1E156M	15	25	20%	2.5	1.88	1.23	1.01	500	1.01
810	C4532X5R1A226M	22	10	20%	2	1.01	.621	.324	500	.324
810	C4532X5R1C226M	22	16	20%	2	1.40	.868	.70	500	.70
810	C4532X5R1E226M	22	25	20%	2.5	1.66	1.03	.833	500	.833
810	C4532X5R1A336M	33	10	20%	2	1.66	1.03	.833	500	.833
810	C4532X5R1C336M	33	16	20%	2.5	1.66	1.03	.833	500	.833
810	C4532X5R1A476M	47	10	20%	2.8	2.33	1.44	1.16	500	1.16
810	C4532X5R0J686M	68	6.3	20%	1.6	3.33	2.07	1.67	500	1.67
810	C4532X5R0J107M	100	6.3	20%	2.8	2.91	1.81	1.45	500	1.45

### Style 1812 (Cont.)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Value (µF)	Volt (DC)	Tol.±	Dim. T (mm)	Price Each			Reel Qty.	Price Per Piece
Mfr.	Mfr. Part No.					1	100	500		
Temperature Coef: X7R										
810	C4532X7R2J104M	0.1	630	20%	2.3	1.02	.59	.475	500	.475
810	C4532X7R2E154M	0.15	250	20%	1.6	.63	.396	.319	1000	.239
810	C4532X7R2E224M	0.22	250	20%	2.3	.63	.396	.319	500	.319
810	C4532X7R2E334K	0.33	250	10%	2.3	1.02	.59	.475	500	.475
810	C4532X7R2E334M	0.33	250	20%	2.3	1.02	.59	.475	500	.319
810	C4532X7R2E474K	0.47	250	10%	2.3	.77	.482	.388	500	.319
810	C4532X7R2E474M	0.47	250	20%	2.3	.77	.482	.388	500	.319
810	C4532X7R2A684K	0.68	100	10%	2.3	1.13	.69	.56	1000	.416
810	C4532X7R2A684M	0.68	100	20%	2.3	1.13	.69	.56	500	.56
810	C4532X7R1H105M	1	50	20%	2.3	.72	.448	.361	1000	.27
810	C4532X7R2A105K	1	100	10%	2.3	.97	.603	.486	500	.486
810	C4532X7R2A105M	1	100	20%	2.3	1.01	.621	.324	500	.324
810	C4532X7R1H225K	2	50	10%	1.6	1.19	.739	.595	1000	.595
810	C4532X7R2A155K	2	100	10%	2.1	1.55	.965	.777	500	.777
810	C4532X7R2A155M	2	100	20%	2.3	1.52	.948	.763	500	.763
810	C4532X7R2A225K	2	100	10%	2.3	1.13	.69	.56	500	.56
810	C4532X7R1H225M	2.2	50	20%	1.6	1.08	.672	.541	1000	.406
810	C4532X7R2A225M	2.2	100	20%	2.3	1.13	.69	.56	500	.56
810	C4532X7R1E475M	4.7	25	20%	1.6	1.12	.698	.562	1000	.421
810	C4532X7R1H475M	4.7	50	20%	2	1.25	.775	.625	1000	.468
810	C4532X7R1H685M	6.8	50	20%	2.5	1.88	1.23	1.01	500	1.01
810	C4532X7R1C106K	10	16	10%	2.5	1.33	.827	.666	500	.666
810	C4532X7R1E106M	10	25	20%	2.5	1.25	.775	.625	500	.625
810	C4532X7R1E156M	15	25	20%	2.5	1.88	1.23	1.01	500	1.01
810	C4532X7R1C226M	22	16	20%	2.5	1.38	.862	.694	500	.694
810	C4532X7R1C336M	33	16	20%	2.5	1.83	1.13	.916	500	.916
Temperature Coef: X7S										
810	C4532X7S3A103K	1	1000	10%	1.6	1.57	1.10	1.00	1000	.92
810	C4532X7S2A475M	4.7	100	20%	2.3	1.94	1.20	.972	500	.972
Temperature Coef: Y5V										
810	C4532Y5V1C476Z	47	16	+80,-20%	2.5	1.52	.948	.763	500	.763
810	C4532Y5V1A107Z	100	10	+80,-20%	2.5	2.33	1.44	1.16	500	1.16

### Style 2220

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Value (µF)	Volt (DC)	Tol.±
------------------	--	------------	-----------	-------