

TDK Ceramic Chip Capacitors

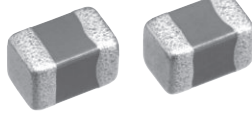


RoHS Compliant This page of product is RoHS compliant.

C SERIES HIGH TEMPERATURE MLCC CAPACITORS (CONT.) 1210 Case Size (Cont.)

Features:

- Suited for devices that operate in high-temperature environments with a maximum operating temperature of 150°C
- 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.



1206 Case Size (Cont.)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TDK Part No.	Value (nF)	Voltage (VDC)	Tol. (%)	Price Each	
					1	100
Temperature Coef: C0G (Cont.)						
810-C3216NP02W682J1A	C3216NP02W682J115AA	6.8	450	5	.81	.306
810-C3216NP02J682J1A	C3216NP02J682J115AA	6.8	630	5	.53	.184
810-C3216NP02W822J1A	C3216NP02W822J115AA	8.2	450	5	.81	.306
810-C3216NP02J822J1A	C3216NP02J822J160AA	8.2	630	5	.53	.184
810-C3216NP02E103J1A	C3216NP02E103J115AA	10	250	5	.94	.353
810-C3216NP02W103J1A	C3216NP02W103J160AA	10	450	5	1.06	.40
810-C3216NP02J103J1A	C3216NP02J103J160AA	10	630	5	.56	.196
810-C3216NP02E153J1A	C3216NP02E153J160AA	15	250	5	.94	.353
810-C3216NP02W153J1A	C3216NP02W153J160AA	15	450	5	1.06	.40
810-C3216NP02E223J1A	C3216NP02E223J160AA	22	250	5	1.06	.40

1210 Case Size

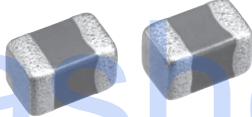
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MOUSER STOCK NO.	TDK Part No.	Value (nF)	Voltage (VDC)	Tol. (%)	Price Each	
					1	100
Temperature Coef: C0G						
810-C3225NP02J822J1A	C3225NP02J822J125AA	8.2	630	5	1.13	.45
810-C3225NP02J103J1A	C3225NP02J103J125AA	10	630	5	1.35	.648

C SERIES OPEN MODE MLCC CAPACITORS

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



0805 Case Size

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TDK Part No.	Value (nF)	Voltage (VDC)	Tol. (%)	Price Each	
					1	100
Temperature Coef.: X7R						
810-C2012X7R2A102K05AM	C2012X7R2A102K085AM	1	100	10	.18	.045
810-C2012X7R2E102K05AM	C2012X7R2E102K085AM	1	250	10	.20	.049
810-C2012X7R2A152K05AM	C2012X7R2A152K085AM	1.5	100	10	.22	.056
810-C2012X7R2E152K05AM	C2012X7R2E152K085AM	1.5	250	10	.19	.048
810-C2012X7R2A222K05AM	C2012X7R2A222K085AM	2.2	100	10	.19	.046
810-C2012X7R2E222K05AM	C2012X7R2E222K085AM	2.2	250	10	.19	.048
810-C2012X7R2A332K05AM	C2012X7R2A332K085AM	3.3	100	10	.22	.056
810-C2012X7R2E332K05AM	C2012X7R2E332K085AM	3.3	250	10	.19	.048
810-C2012X7R2A472K05AM	C2012X7R2A472K085AM	4.7	100	10	.18	.045
810-C2012X7R2E472K05AM	C2012X7R2E472K085AM	4.7	250	10	.19	.048
810-C2012X7R2A682K05AM	C2012X7R2A682K085AM	6.8	100	10	.22	.056
810-C2012X7R2E682K05AM	C2012X7R2E682K125AM	6.8	250	10	.19	.048
810-C2012X7R2A103K05AM	C2012X7R2A103K085AM	10	100	10	.22	.056
810-C2012X7R2E103K05AM	C2012X7R2E103K125AM	10	250	10	.19	.048
810-C2012X7R2A153K05AM	C2012X7R2A153K125AM	15	100	10	.24	.06
810-C2012X7R2E153K05AM	C2012X7R2E153K125AM	15	250	10	.27	.066
810-C2012X7R2A223K05AM	C2012X7R2A223K125AM	22	100	10	.27	.068
810-C2012X7R1H104K05AM	C2012X7R1H104K125AM	100	50	10	.19	.046
Temperature Coef.: X8R						
810-C2012X8R1H473K125AM	CGA4J2X8R1H473K125AM	47	50	10	.24	.068
810-C2012X8R1H683K125AM	CGA4J2X8R1H683K125AM	68	50	10	.25	.071

1206 Case Size

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TDK Part No.	Value (nF)	Voltage (VDC)	Tol. (%)	Price Each	
					1	100
Temperature Coef.: X7R						
810-C3216X7R2J102K115AM	C3216X7R2J102K115AM	1	630	10	.27	.075
810-C3216X7R2J152K115AM	C3216X7R2J152K115AM	1.5	630	10	.32	.09
810-C3216X7R2J222K115AM	C3216X7R2J222K115AM	2.2	630	10	.29	.082
810-C3216X7R2J332K115AM	C3216X7R2J332K115AM	3.3	630	10	.32	.088
810-C3216X7R2J472K115AM	C3216X7R2J472K115AM	4.7	630	10	.29	.082
810-C3216X7R2J682K115AM	C3216X7R2J682K115AM	6.8	630	10	.33	.105
810-C3216X7R2J103K115AM	C3216X7R2J103K115AM	10	630	10	.29	.08
810-C3216X7R2J153K130AM	C3216X7R2J153K130AM	15	630	10	.32	.102
810-C3216X7R2E153K115AM	C3216X7R2E153K115AM	15	250	10	.34	.093
810-C3216X7R2E223K115AM	C3216X7R2E223K115AM	22	250	10	.34	.093
810-C3216X7R2J223K130AM	C3216X7R2J223K130AM	22	630	10	.34	.108
810-C3216X7R2A333K115AM	C3216X7R2A333K115AM	33	100	10	.29	.08
810-C3216X7R2E333K160AM	C3216X7R2E333K160AM	33	250	10	.33	.105
810-C3216X7R2J333K160AM	C3216X7R2J333K160AM	33	630	10	.36	.112
810-C3216X7R2A473K115AM	C3216X7R2A473K115AM	47	100	10	.29	.082
810-C3216X7R2E473K160AM	C3216X7R2E473K160AM	47	250	10	.34	.108
810-C3216X7R2A683K115AM	C3216X7R2A683K160AM	68	100	10	.32	.09
810-C3216X7R2E683K115AM	C3216X7R2E683K160AM	68	250	10	.36	.115
810-C3216X7R2A104K160AM	C3216X7R2A104K160AM	100	100	10	.29	.082
810-C3216X7R2E104K160AM	C3216X7R2E104K160AM	100	250	10	.37	.118
810-C3216X7R2A154K160AM	C3216X7R2A154K160AM	150	100	10	.35	.096
810-C3216X7R2A105K160AM	C3216X7R2A105K160AM	1000	100	10	.54	.188

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TDK Part No.	Value (nF)	Voltage (VDC)	Tol. (%)	Price Each	
					1	100
Temperature Coef: C0G (Cont.)						
810-C3225NP02J153J1A	C3225NP02J153J160AA	15	630	5	1.35	.648
810-C3225NP02E223J1A	C3225NP02E223J160AA	22	250	5	1.25	.60
810-C3225NP02W223J2A	C3225NP02W223J230AA	22	450	5	1.25	.60
810-C3225NP02J223J2A	C3225NP02J223J230AA	22	630	5	1.35	.648
810-C3225NP02E333J2A	C3225NP02E333J230AA	33	250	5	1.24	.495
810-C3225NP02W333J2A	C3225NP02W333J250AA	33	450	5	1.29	.518
810-C3225NP02J333J2A	C3225NP02J333J250AA	33	630	5	1.35	.648
810-C3225NP02E473J2A	C3225NP02E473J250AA	47	250	5	2.10	1.01
Temperature Coef: X8R						
810-C3225X8R1E475KAB	C3225X8R1E475K250AB	4700	25	10	1.00	.376

1812 Case Size

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TDK Part No.	Value (nF)	Voltage (VDC)	Tol. (%)	Price Each	
					1	100
Temperature Coef: C0G						
810-C4532C0G3F331KKE	C4532C0G3F331K250KE	0.33	3000	10	1.53	.735
810-C4532NP02J333J2A	C4532NP02J333J200KA	33	630	5	2.58	1.49
810-C4532NP02W473J2A	C4532NP02W473J200KA	47	450	5	2.13	1.23
810-C4532NP02J473J2A	C4532NP02J473J200KA	47	630	5	2.58	1.49
810-C4532NP02E683J2A	C4532NP02E683J200KN	68	250	5	2.79	1.60
810-C4532NP02W683J3A	C4532NP02W683J200KA	68	450	5	2.54	1.46
810-C4532NP02E104J3N	C4532NP02E104J320KN	100	250	5	2.46	1.41

2220 Case Size

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TDK Part No.	Value (nF)	Voltage (VDC)	Tol. (%)	Price Each	
					1	100
Temperature Coef: C0G						
810-C5750NP02W104J2N	C5750NP02W104J280KA	100	450	5	3.28	1.88
810-C5750NP02E154J2N	C5750NP02E154J230KN	150	250	5	2.54	1.46

1206 Case Size (Cont.)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TDK Part No.	Value (nF)	Voltage (VDC)	Tol. (%)	Price Each	
					1	100
Temperature Coef.: X7R (Cont.)						
810-C3216X7R1C475MT5	C3216X7R1C475M160AM	4700	16	20	.36	.115

1210 Case Size

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TDK Part No.	Value (nF)	Voltage (VDC)	Tol. (%)	Price Each	
					1	100
Temperature Coef.: X7R						
810-C3225X7R2E224KT5	C3225X7R2E224K200AM	22	250	10	.49	.172
810-C3225X7R2J473KT5	C3225X7R2J473K200AM	47	630	10	.54	.188
810-C3225X7R2J683KT5	C3225X7R2J683K200AM	68	630	10	.88	.307
810-C3225X7R2E104KT5	C3225X7R2E104K200AM	100	250	10	.48	.153
810-C3225X7R2E154KT5	C3225X7R2E154K200AM	150	250	10	.52	.166
810-C3225X7R2A334KT5	C3225X7R2A334K200AM	330	100	10	.60	.209
810-C3225X7R1H684KT5	C3225X7R1H684K200AM	680	50	10	.53	.17
810-C3225X7R1E105KT5	C3225X7R1E105K115AM	1000	25	10	.48	.153
810-C3225X7R1E155KT5	C3225X7R1E155K160AM	1500	25	10	.56	.195
810-C3225X7R1E225KT5	C3225X7R1E225K200AM	2200	25	10	.55	.192
810-C3225X7R2A225KT5	C3225X7R2A225K230AM	2200	100	10	.81	.306
810-C3225X7R1C335KT5	C3225X7R1C335K200AM	3300	16	10	.86	.30
810-C3225X7R1C475KT5	C3225X7R1C475K250AM	4700	16	10	.71	.25

1812 Case Size

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TDK Part No.	Value (nF)	Voltage (VDC)	Tol. (%)	Price Each	
					1	100
Temperature Coef.: X7R						
810-C4532X7R2J104K230KM	C4532X7R2J104K230KM	100	630	10	.89	.255
810-C4532X7R2E154K160KM	C4532X7R2E154K160KM	150	250	10	.82	.288
810-C4532X7R2E224K230KM	C4532X7R2E224K230KM	220	250	10	.84	.24
810-C4532X7R2E334K230KM	C4532X7R2E334K230KM	330	250	10	.81	.247
810-C4532X7R2E474K230KM	C4532X7R2E474K230KM	470	250	10	.88	.266
810-C4532X7R2A684K230KM	C4532					