

# TDK Ceramic Chip Capacitors



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## CGA SERIES AUTOMOTIVE GRADE CAPACITORS (CONT.)



### 1210 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
<b>Temperature Coef.: C0G (Cont.)</b>						
810-CGA6J2C0G2A153J	CGA6J2C0G2A153J125AA	15	100	5	1.13	.45
810-CGA6M3C0G2E153J	CGA6M3C0G2E153J200AA	15	250	5	1.28	.612
810-CGA6L4C0G2J153J	CGA6L4C0G2J153J160AA	15	630	5	1.43	.686
810-CGA6J2C0G1H223J	CGA6J2C0G1H223J125AA	22	50	5	1.15	.459
810-CGA6L2C0G2A223J	CGA6L2C0G2A223J160AA	22	100	5	1.15	.459
810-CGA6N4C0G2J223A	CGA6N4C0G2J223A230AA	22	630	5	1.40	.672
810-CGA6L2C0G1H333J	CGA6L2C0G1H333J160AA	33	50	5	1.25	.60
810-CGA6M2C0G2A333J	CGA6M2C0G2A333J200AA	33	100	5	1.28	.612
810-CGA6P4C0G2J333J	CGA6P4C0G2J333J250AA	33	630	5	1.40	.672
810-CGA6M2C0G1H473J	CGA6M2C0G1H473J200AA	47	50	5	1.25	.60
810-CGA6N2C0G2A473J	CGA6N2C0G2A473J230AA	47	100	5	1.28	.612
810-CGA6M2C0G1H683J	CGA6M2C0G1H683J200AA	68	50	5	1.50	.72
810-CGA6P2C0G1H104J	CGA6P2C0G1H104J250AA	100	50	5	1.53	.735
<b>Temperature Coef.: X7R</b>						
810-CGA6M4X7R2J473K	CGA6M4X7R2J473K200AA	47	630	10	.70	.245
810-CGA6M4X7R2J683K	CGA6M4X7R2J683K200AA	68	630	10	.94	.353
810-CGA6M3X7R2E104K	CGA6M3X7R2E104K200AA	100	250	10	.70	.245
810-CGA6M3X7R2E154K	CGA6M3X7R2E154K200AA	150	250	10	.78	.277
810-CGA6M3X7R2E224K	CGA6M3X7R2E224K200AA	220	250	10	.77	.27
810-CGA6M2X7R2A334K	CGA6M2X7R2A334K200AA	330	100	10	.83	.312
810-CGA6M2X7R2A474K	CGA6M2X7R2A474K200AA	470	100	10	.88	.329
810-CGA6L2X7R2A684K	CGA6L2X7R2A684K160AA	680	100	10	1.00	.376
810-CGA6L2X7R1H105K	CGA6L2X7R1H105K160AA	1000	50	10	.36	.115
810-CGA6M2X7R2A105K	CGA6M2X7R2A105K200AA	1000	100	10	1.00	.376
810-CGA6M2X7R1H155K	CGA6M2X7R1H155K200AA	1500	50	10	.56	.196
810-CGA6M3X7R1H225K	CGA6M3X7R1H225K200AB	2200	50	10	.56	.196
810-CGA6N3X7R2A225K	CGA6N3X7R2A225K230AB	2200	100	10	1.20	.482
810-CGA6P3X7R1H335K	CGA6P3X7R1H335K250AB	3300	50	10	.61	.213
810-CGA6P3X7R1H475K	CGA6P3X7R1H475K250AB	4700	50	10	1.24	.495
810-CGA6P3X7R1E685K	CGA6P3X7R1E685K250AB	6800	25	10	.77	.27
810-CGA6M3X7R1C106K	CGA6M3X7R1C106K200AB	10000	16	10	.89	.336
810-CGA6M3X7R1C106M	CGA6M3X7R1C106M200AB	10000	16	20	.83	.312
810-CGA6P1X7R1E106K	CGA6P1X7R1E106K250AC	10000	25	10	1.00	.376
810-CGA6P1X7R1E106M	CGA6P1X7R1E106M250AC	10000	25	20	.94	.353
810-CGA6P3X7R1C156M	CGA6P3X7R1C156M250AB	15000	16	20	1.25	.60
810-CGA6P1X7R1C226M	CGA6P1X7R1C226M250AC	22000	16	20	1.28	.612
<b>Temperature Coef.: X7S</b>						
810-CGA6N3X7S1H475K	CGA6N3X7S1H475K230AB	4700	50	10	1.18	.473
810-CGA6M3X7S2A475K	CGA6M3X7S2A475K200AB	4700	100	10	1.50	.72
810-CGA6P3X7S1H685K	CGA6P3X7S1H685K250AB	6800	50	10	1.25	.60
810-CGA6P3X7S1H106K	CGA6P3X7S1H106K250AB	10000	50	10	1.26	.505
<b>Temperature Coef.: X7T</b>						
810-CGA6M4X7T2W224K	CGA6M4X7T2W224K200AA	220	450	10	.86	.30

### 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
<b>Temperature Coef.: C0G</b>						
810-CGA8L4C0G2J103J	CGA8L4C0G2J103J160KA	10	630	5	2.62	1.51
810-CGA8P4C0G2J153J	CGA8P4C0G2J153J250KA	15	630	5	2.62	1.51
810-CGA8L3C0G2E223J	CGA8L3C0G2E223J160KA	22	250	5	2.29	1.31
810-CGA8R4C0G2J223J	CGA8R4C0G2J223J320KA	22	630	5	2.62	1.51
810-CGA8M3C0G2E333J	CGA8M3C0G2E333J200KA	33	250	5	2.29	1.31
810-CGA8M2C0G2A473J	CGA8M2C0G2A473J200KA	47	100	5	1.96	.943
810-CGA8R3C0G2E473J	CGA8R3C0G2E473J320KA	47	250	5	2.34	1.35
810-CGA8L2C0G1H683J	CGA8L2C0G1H683J160KA	68	50	5	1.51	.728

## CEU SERIES SOFT TERMINATION, SAFETY DESIGN TYPE, AUTOMOTIVE CAPACITORS

Features:  
• Temperature Coefficient: X7R



### 0603 Case Size

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TDK Part No.	Value (µF)	Voltage (VDC)	Tol. (%)	Price Each	
					1	100
810-CEU3E2X7R2A102K	CEU3E2X7R2A102K080AE	0.001	100	10	.26	.073
810-CEU3E2X7R2A152K	CEU3E2X7R2A152K080AE	0.0015	100	10	.26	.073
810-CEU3E2X7R2A222K	CEU3E2X7R2A222K080AE	0.0022	100	10	.27	.075
810-CEU3E2X7R2A332K	CEU3E2X7R2A332K080AE	0.0033	100	10	.26	.073
810-CEU3E2X7R1H472K	CEU3E2X7R1H472K080AE	0.0047	50	10	.26	.073
810-CEU3E2X7R1H682K	CEU3E2X7R1H682K080AE	0.0068	50	10	.27	.075
810-CEU3E2X7R1H103K	CEU3E2X7R1H103K080AE	0.01	50	10	.26	.073
810-CEU3E2X7R1H153K	CEU3E2X7R1H153K080AE	0.015	50	10	.27	.075

### 1812 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
<b>Temperature Coef.: C0G (Cont.)</b>						
810-CGA8M2C0G1H104J	CGA8M2C0G1H104J200KA	100	50	5	1.49	.713
810-CGA8R2C0G2A104J	CGA8R2C0G2A104J320KA	100	100	5	2.08	.997
810-CGA8P2C0G1H154J	CGA8P2C0G1H154J250KA	150	50	5	1.93	.924
810-CGA8R2C0G1H224J	CGA8R2C0G1H224J320KA	220	50	5	1.93	.924
<b>Temperature Coef.: X7R</b>						
810-CGA8L4X7R2J683K	CGA8L4X7R2J683K160KA	68	630	10	.84	.317
810-CGA8N4X7R2J104K	CGA8N4X7R2J104K230KA	100	630	10	.89	.272
810-CGA8N3X7R2E224K	CGA8N3X7R2E224K230KA	220	250	10	.84	.256
810-CGA8N3X7R2E334K	CGA8N3X7R2E334K230KA	330	250	10	.83	.251
810-CGA8N3X7R2E474K	CGA8N3X7R2E474K230KA	470	250	10	.98	.299
810-CGA8N2X7R2A684K	CGA8N2X7R2A684K230KA	680	100	10	1.24	.396
810-CGA8N2X7R2A105K	CGA8N2X7R2A105K230KA	1000	100	10	1.10	.354
810-CGA8L2X7R1H155K	CGA8L2X7R1H155K160KA	1500	50	10	1.05	.396
810-CGA8N2X7R2A155K	CGA8N2X7R2A155K230KA	1500	100	10	1.57	.754
810-CGA8L2X7R1H225K	CGA8L2X7R1H225K160KA	2200	50	10	1.33	.531
810-CGA8N2X7R2A225K	CGA8N2X7R2A225K230KA	2200	100	10	1.26	.404
810-CGA8M2X7R1H335K	CGA8M2X7R1H335K200KA	3300	50	10	1.36	.545
810-CGA8M3X7R1H475K	CGA8M3X7R1H475K200KB	4700	50	10	1.39	.667
810-CGA8P3X7R1H685K	CGA8P3X7R1H685K250KB	6800	50	10	1.63	.785
810-CGA8P2X7R1E106K	CGA8P2X7R1E106K250KA	10000	25	10	1.39	.667
810-CGA8Q3X7R1E156M	CGA8Q3X7R1E156M280KB	15000	25	20	1.51	.728
810-CGA8N2X7R1C226M	CGA8N2X7R1C226M230KB	22000	16	20	1.51	.728
810-CGA8P1X7R1E226M	CGA8P1X7R1E226M250KC	22000	25	20	1.68	.808
810-CGA8P1X7R1C336M	CGA8P1X7R1C336M250KC	33000	16	20	1.82	.872
<b>Temperature Coef.: X7S</b>						
810-CGA8N3X7S2A475K	CGA8N3X7S2A475K230KB	4700	100	20	2.00	.96
<b>Temperature Coef.: X7T</b>						
810-CGA8L1X7T2J154K	CGA8L1X7T2J154K160KC	150	630	10	1.43	.687
810-CGA8M1X7T2J224K	CGA8M1X7T2J224K200KC	220	630	10	1.43	.687
810-CGA8L4X7T2W334K	CGA8L4X7T2W334K160KA	330	450	10	1.46	.701
810-CGA8N4X7T2W474K	CGA8N4X7T2W474K230KA	470	450	10	1.46	.701
810-CGA8L3X7T2E684K	CGA8L3X7T2E684K160KA	680	250	10	1.43	.687
810-CGA8P3X7T2E105K	CGA8P3X7T2E105K250KA	1000	250	10	1.43	.687

### 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
<b>Temperature Coef.: X7R</b>						
810-CGA9L4X7R2J154K	CGA9L4X7R2J154K160KA	150	630	10	1.35	.647
810-CGA9N4X7R2J224K	CGA9N4X7R2J224K230KA	220	630	10	1.38	.66
810-CGA9L3X7R2E334K	CGA9L3X7R2E334K160KA	330	250	10	1.35	.647
810-CGA9N3X7R2E474K	CGA9N3X7R2E474K230KA	470	250	10	1.29	.62
810-CGA9N2X7R2A105K	CGA9N2X7R2A105K230KA	1000	100	10	1.02	.97
810-CGA9N3X7R2E105K	CGA9N3X7R2E105K230KA	1000	250	10	1.38	.66
810-CGA9N2X7R2A155K	CGA9N2X7R2A155K230KA	1500	100	10	2.24	1.07
810-CGA9N2X7R2A225K	CGA9N2X7R2A225K230KA	2200	100	10	2.41	1.16
810-CGA9N2X7R2A335K	CGA9N2X7R2A335K230KA	3300	100	10	2.71	1.56
810-CGA9M2X7R1H475K	CGA9M2X7R1H475K200KA	4700	50	10	2.21	1.27
810-CGA9N2X7R2A475K	CGA9N2X7R2A475K230KA	4700	100	10	2.76	1.59
810-CGA9P2X7R1H685K	CGA9P2X7R1H685K250KA	6800	50	10	2.26	1.30
810-CGA9N3X7R1H106K	CGA9N3X7R1H106K230KB	10000	50	10	2.05	1.18
810-CGA9N2X7R1E156M	CGA9N2X7R1E156M230KA	15000	25	20	2.12	1.22
810-CGA9P2X7R1E226M	CGA9P2X7R1E226M250KA	22000	25	20	2.71	1.56
810-CGA9N3X7R1C476M	CGA9N3X7R1C476M230KB	47000	16	20	2.76	1.59
<b>Temperature Coef.: X7S</b>						
810-CGA9N3X7S2A106K	CGA9N3X7S2A106K230KB	10000	100	10	2.76	1.59
810-CGA9P3X7S2A156M	CGA9P3X7S2A156M250KB	15000	100	20	3.68	2.11
<b>Temperature Coef.: X7T</b>						
810-CGA9M1X7T2J334K	CGA9M1X7T2J334K200KC	330	630	10	3.83	2.20
810-CGA9P1X7T2J474K	CGA9P1X7T2J474K250KC	470	630	10	3.83	2.20
810-CGA9M4X7T2W684K	CGA9M4X7T2W684K200KA	680	450	10	3.91	2.25
810-CGA9M3X7T2E155K	CGA9M3X7T2E155K200KA	1500	250	10	4.14	2.38
810-CGA9P3X7T2E225K	CGA9P3X7T2E225K250KA	2200	250	10	4.14	2.38

### 0603 Case Size (Cont.)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TDK Part No.	Value (µF)	Voltage (VDC)	Tol. (%)	Price Each	
					1	100
810-CEU3E2X7R1H333K	CEU3E2X7R1H333K080AE	0.033	50	10	.27	.075
810-CEU3E2X7R1H473K	CEU3E2X7R1H473K080AE	0.047	50	10	.27	.075

### 0805 Case Size

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	TDK Part No.	Value (µF)	Voltage (VDC)	Tol. (%)	Price Each	
					1	100