

TDK Ceramic Chip Capacitors



This product is RoHS compliant.

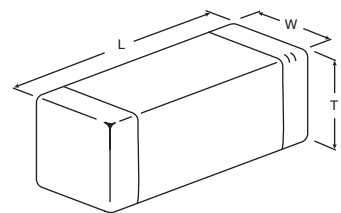
CGA SERIES AUTOMOTIVE GRADE CAPACITORS (CONT.)

Features:

- The CGA series consists of products that can be used for the power train, safety equipment, etc. of a vehicle
- Parts are manufactured using tested and stable manufacturing processes and are subjected to increased inspections to guarantee a higher level of reliability
- A monolithic structure ensures superior mechanical strength and reliability
- High Capacitance has been achieved through precision technologies that enable the use of multiple thinner ceramic dielectric layers
- High-accuracy automatic mounting is facilitated through the maintenance of very precise dimensional tolerances
- Low stray capacitance ensures high conformity with nominal values, thereby simplifying the circuit design process

Applications:

- Automotive applications
- High reliability requirement applications
- Harsh environment requirement applications
- Smart meter
- Base Stations
- Noise Bypass in automotive



Dimensions: mm			
	L	W	T
CGA3	1.6	0.8	0.8

CGA3 (EIA CC0603/JIS C1608) (Cont.)

MOUSER STOCK NO.		Value (pF)	Volt (DC)	Tol. ±	Price Each				Reel Qty.	Price Per Piece
Mfr.	Mfr. Part No.				1	50	100	500		
Temperature Coef: X8R (Cont.)										
810	CGA3E2X8R2A152K	1500	100	10	.15	.10	.078	.045	4000	.022
810	CGA3E2X8R1H222K	2200	50	10	.11	.08	.061	.035	4000	.017
810	CGA3E2X8R2A222K	2200	100	10	.13	.09	.068	.039	4000	.019
810	CGA3E2X8R1H332K	3300	50	10	.13	.09	.068	.039	4000	.019
810	CGA3E2X8R2A332K	3300	100	10	.15	.10	.078	.045	4000	.022
810	CGA3E2X8R1H472K	4700	50	10	.11	.08	.061	.035	4000	.017
810	CGA3E2X8R2A472K	4700	100	10	.13	.09	.068	.039	4000	.019
810	CGA3E2X8R1H682K	6800	50	10	.13	.09	.068	.039	4000	.019
810	CGA3E2X8R2A682K	6800	100	10	.16	.11	.084	.048	4000	.023

MOUSER STOCK NO.		Value (pF)	Volt (DC)	Tol. ±	Price Each				Reel Qty.	Price Per Piece
Mfr.	Mfr. Part No.				1	50	100	500		
Temperature Coef: X8R (Cont.)										
810	CGA3E2X8R1H103K	.01µF	50	10	.12	.08	.065	.037	4000	.018
810	CGA3E2X8R2A103K	.01µF	100	10	.12	.08	.065	.037	4000	.018
810	CGA3E2X8R1H153K	.015µF	50	10	.13	.09	.071	.041	4000	.02
810	CGA3E2X8R2A153K	.015µF	100	10	.16	.11	.084	.048	4000	.023
810	CGA3E2X8R1H223K	.022µF	50	10	.13	.09	.071	.041	4000	.02
810	CGA3E2X8R1H333K	.033µF	50	10	.13	.09	.071	.041	4000	.02
810	CGA3E2X8R1H473K	.047µF	50	10	.13	.09	.071	.041	4000	.02
810	CGA3E2X8R1E683K	.068µF	25	10	.13	.09	.071	.041	4000	.02
810	CGA3E2X8R1E104K	.1µF	25	10	.13	.09	.071	.041	4000	.02

CGA4 (EIA CC0805/JIS C2012)

MOUSER STOCK NO.		Value (pF)	Volt (DC)	Tol. ±	Dimensions: mm			Price Each				Reel Qty.	Price Per Piece
Mfr.	Mfr. Part No.				L	W	T	1	50	100	500		
Temperature Coef: C0G													
810	CGA4C2C0G1H101J	100	50	5	2.0	1.25	0.6	.17	.11	.045	.033	4000	.016
810	CGA4C2C0G2A101J	100	100	5	2.0	1.25	0.6	.16	.103	.046	.032	4000	.017
810	CGA4C2C0G2A221J	220	100	5	2.0	1.25	0.6	.18	.115	.051	.036	4000	.019
810	CGA4C2C0G2A471J	470	100	5	2.0	1.25	0.6	.20	.128	.057	.041	4000	.022
810	CGA4C3C0G2E821J	820	250	5	2.0	1.25	0.6	.21	.14	.063	.040	4000	.031
810	CGA4C2C0G1H102J	1000	50	5	2.0	1.25	0.6	.24	.154	.069	.049	4000	.026
810	CGA4C2C0G2A102J	1000	100	5	2.0	1.25	0.6	.18	.13	.097	.056	4000	.027
810	CGA4F3C0G2E102J	1000	250	5	2.0	1.25	0.85	.21	.14	.11	.063	4000	.031
810	CGA4C2C0G2A122J	1200	100	5	2.0	1.25	0.6	.19	.13	.10	.058	4000	.028
810	CGA4F3C0G2E122J	1200	250	5	2.0	1.25	0.85	.22	.15	.117	.067	4000	.032
810	CGA4C2C0G2A152J	1500	100	5	2.0	1.25	0.6	.19	.13	.10	.058	4000	.028
810	CGA4F3C0G2E152J	1500	250	5	2.0	1.25	0.85	.22	.15	.117	.067	2000	.039
810	CGA4F3C0G2A182J	1800	100	5	2.0	1.25	0.85	.20	.14	.104	.06	4000	.029
810	CGA4J3C0G2E182J	1800	250	5	2.0	1.25	1.25	.25	.17	.13	.075	2000	.036
810	CGA4C2C0G1H222J	2200	50	5	2.0	1.25	0.6	.27	.18	.09	.061	4000	.036
810	CGA4F2C0G2A222J	2200	100	5	2.0	1.25	0.85	.20	.14	.104	.06	4000	.029
810	CGA4J3C0G2E222J	2200	250	5	2.0	1.25	1.25	.25	.17	.13	.075	2000	.036
810	CGA4C2C0G1H272J	2700	50	5	2.0	1.25	0.6	.22	.15	.117	.067	4000	.032
810	CGA4J2C0G2A272J	2700	100	5	2.0	1.25	1.25	.26	.18	.139	.08	2000	.039
810	CGA4J3C0G2E272J	2700	250	5	2.0	1.25	1.25	.28	.20	.149	.086	2000	.041
810	CGA4C2C0G1H332J	3300	50	5	2.0	1.25	0.6	.22	.15	.117	.067	4000	.032
810	CGA4J2C0G2A332J	3300	100	5	2.0	1.25	1.25	.26	.18	.139	.08	2000	.039
810	CGA4C2C0G1H392J	3900	50	5	2.0	1.25	0.6	.30	.20	.10	.068	4000	.04
810	CGA4F2C0G1H392J	3900	50	5	2.0	1.25	0.85	.25	.17	.13	.075	4000	.036
810	CGA4J2C0G2A392J	3900	100	5	2.0	1.25	1.25	.34	.24	.178	.103	2000	.05
810	CGA4J3C0G1H472J	4700	50	5	2.0	1.25	0.6	.30	.20	.10	.068	4000	.04
810	CGA4F2C0G1H472J	4700	50	5	2.0	1.25	0.85	.25	.17	.13	.075	4000	.036
810	CGA4J2C0G2A472J	4700	100	5	2.0	1.25	1.25	.34	.24	.178	.103	2000	.05
810	CGA4C2C0G1H562J	5600	50	5	2.0	1.25	0.6	.27	.19	.106	.082	4000	.046
810	CGA4F2C0G1H562J	5600	50	5	2.0	1.25	0.85	.31	.21	.162	.093	4000	.045
810	CGA4C2C0G1H682J	6800	50	5	2.0	1.25	0.6	.27	.19	.106	.082	4000	.046
810	CGA4J2C0G1H682J	6800	50	5	2.0	1.25	1.25	.31	.21	.162	.093	2000	.045
810	CGA4C2C0G1H822J	8200	50	5	2.0	1.25	0.6	.36	.25	.14	.108	4000	.061
810	CGA4J2C0G1H822J	8200	50	5	2.0	1.25	1.25	.41	.28	.214	.123	2000	.059
810	CGA4C2C0G1H103J	.01µF	50	5	2.0	1.25	0.6	.36	.25	.14	.108	4000	.061
810	CGA4J2C0G1H103J	.01µF	50	5	2.0	1.25	1.25	.41	.28	.214	.123	2000	.059
810	CGA4F2C0G1H153J	.015µF	50	5	2.0	1.25	0.6	.33	.24	.15	.128	4000	.068
810	CGA4J2C0G1H223J	.022µF	50	5	2.0	1.25	1.25	.33	.24	.15	.128	2000	.071
810	CGA4J2C0G1H333J	.033µF	50	5	2.0	1.25	1.25	.37	.27	.168	.144	2000	.082

MOUSER STOCK NO.		Value (pF)	Volt (DC)	Tol. ±	Dimensions: mm			Price Each				Reel Qty.	Price Per Piece
Mfr.	Mfr. Part No.				L	W	T	1	50	100	500		
Temperature Coef: X5R													
810	CGA4J3X5R1A106K	10µF	10	10	2.0	1.25	1.25	.41	.301	.187	.16	2000	.09
Temperature Coef: X7R													
810	CGA4J3X7R2E682K	6800	250	10	2.0	1.25	1.25	.22	.15	.117	.067	2000	.032
810	CGA4J3X7R2E103K	.01µF	250	10	2.0	1.25	1.25	.18	.13	.097	.056	2000	.027
810	CGA4J2X7R2A153K	.015µF	100	10	2.0	1.25	1.25	.16	.11	.084	.048	2000	.023
810	CGA4J3X7R2E153K	.015µF	250	10	2.0	1.25	1.25	.25	.17	.13	.075	2000	.036
810	CGA4J2X7R2A223K	.022µF	100	10	2.0	1.25	1.25	.16	.11	.084	.048	2000	.023
810	CGA4J3X7R2E223K	.022µF	250	10	2.0	1.25	1.25	.25	.17	.13	.075	2000	.036
810	CGA4J2X7R2A333K	.033µF	100	10	2.0	1.25	1.25	.20	.14	.104	.06	2000	.029
810	CGA4J2X7R2A473K	.047µF	100	10	2.0	1.25	1.25	.20	.14	.104	.06	2000	.029
810	CGA4J2X7R1H104K	.1µF	50	10	2.0	1.25	1.25	.24	.154	.069	.049	2000	.028
810	CGA4J2X7R2A104K	.1µF	100	10	2.0	1.25	1.25	.20	.14	.104	.06	2000	.029
810	CGA4J2X7R1H154K	.15µF	50	10	2.0	1.25	1.25	.26	.18	.136	.078	2000	.038
810	CGA4J2X7R1E224K	.22µF	25	10	2.0	1.25	1.25	.27	.18	.09	.061	2000	.04
810	CGA4J2X7R1H224K	.22µF	50	10	2.0	1.25	1.25	.26	.18	.136	.078	2000	.038
810	CGA4J2X7R1H334K	.33µF	50	10	2.0	1.25	1.25	.31	.21	.162	.093	2000	.045
810	CGA4J2X7R1C474K	.47µF	16	10	2.0	1.25	1.25	.27	.18	.09	.061	2000	.04
810	CGA4J2X7R1E474K	.47µF	25	10	2.0	1.25	1.25	.22	.15	.117	.067	2000	.032
810	CGA4J3X7R1H474K	.47µF	50	10	2.0	1.25	1.25	.33	.228	.127	.099	2000	.06
810	CGA4J2X7R1C684K	.68µF	16	10	2.0	1.25	1.25	.22	.15	.117	.067	2000	.032
810	CGA4J3X7R1E684K	.68µF	25	10	2.0	1.25							