

TDK Ceramic Chip Capacitors



NEW FROM TDK

This product is RoHS compliant.

CGA SERIES AUTOMOTIVE GRADE CAPACITORS (CONT.)

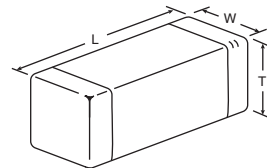
Features:

- 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



CGA4 (EIA CC0805/JIS C2012) (Cont.)

For quantities greater than listed, call for quote.

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: X7S													
810	CGA4J3X7S2A474K	.47µF	100	10	2.0	1.25	1.25	.49	.361	.225	.192	2000	.108
810	CGA4J3X7S2A105K	1µF	100	10	2.0	1.25	1.25	.54	.391	.243	.208	2000	.117
Temperature Coef: X7T													
810	CGA4J3X7T2E473K	.047µF	250	10	2.0	1.25	1.25	.41	.301	.187	.16	2000	.09
810	CGA4J3X7T2E104K	1µF	250	10	2.0	1.25	1.25	.49	.361	.225	.192	2000	.108
Temperature Coef: X8R													
810	CGA4J2X8R2A223K	.022µF	100	10	2.0	1.25	1.25	.30	.21	.156	.09	2000	.043
810	CGA4J2X8R1H683K	.068µF	50	10	2.0	1.25	1.25	.30	.21	.156	.09	2000	.043
810	CGA4J2X8R1H104K	.1µF	50	10	2.0	1.25	1.25	.20	.14	.104	.06	2000	.029
810	CGA4J2X8R1E224K	.22µF	25	10	2.0	1.25	1.25	.38	.27	.201	.116	2000	.056
810	CGA4J2X8R1E334K	.33µF	25	10	2.0	1.25	1.25	.38	.27	.201	.116	2000	.056

CGA5 (EIA CC1206/JIS C3216) (Cont.)

For quantities greater than listed, call for quote.

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	CGA5C4C0G2J101J	100	630	5	3.2	1.6	0.6	.37	.26	.195	.112	4000	.054
810	CGA5C4C0G2J121J	120	630	5	3.2	1.6	0.6	.37	.26	.195	.112	4000	.054
810	CGA5C4C0G2J151J	150	630	5	3.2	1.6	0.6	.37	.26	.195	.112	4000	.054
810	CGA5C4C0G2J181J	180	630	5	3.2	1.6	0.6	.37	.26	.195	.112	4000	.054
810	CGA5C4C0G2J221J	220	630	5	3.2	1.6	0.6	.37	.26	.195	.112	4000	.054
810	CGA5C4C0G2J271J	270	630	5	3.2	1.6	0.6	.37	.26	.195	.112	4000	.054
810	CGA5C4C0G2J331J	330	630	5	3.2	1.6	0.6	.37	.26	.195	.112	4000	.054
810	CGA5C4C0G2J391J	390	630	5	3.2	1.6	0.6	.37	.26	.195	.112	4000	.054
810	CGA5F4C0G2J471J	470	630	5	3.2	1.6	0.85	.37	.26	.195	.112	4000	.054
810	CGA5F4C0G2J561J	560	630	5	3.2	1.6	0.85	.37	.26	.195	.112	4000	.054
810	CGA5F4C0G2J681J	680	630	5	3.2	1.6	0.85	.37	.26	.195	.112	4000	.054
810	CGA5F4C0G2J821J	820	630	5	3.2	1.6	0.85	.37	.26	.195	.112	4000	.054
810	CGA5F4C0G2J102J	1000	630	5	3.2	1.6	0.85	.37	.26	.195	.112	4000	.054
810	CGA5F4C0G2J122J	1200	630	5	3.2	1.6	0.85	.37	.26	.195	.112	4000	.054
810	CGA5H4C0G2J152J	1500	630	5	3.2	1.6	1.15	.50	.35	.26	.15	2000	.072
810	CGA5H4C0G2J182J	1800	630	5	3.2	1.6	1.15	.56	.39	.292	.168	2000	.081
810	CGA5H4C0G2J222J	2200	630	5	3.2	1.6	1.15	.56	.39	.292	.168	2000	.081
810	CGA5L4C0G2J272J	2700	630	5	3.2	1.6	1.6	.62	.43	.325	.187	2000	.09
810	CGA5F3C0G2E332J	3300	250	5	3.2	1.6	0.85	.56	.39	.292	.168	4000	.081
810	CGA5L4C0G2J332J	3300	630	5	3.2	1.6	1.6	.62	.43	.325	.187	2000	.09
810	CGA5C2C0G2A392J	3900	100	5	3.2	1.6	0.6	.62	.43	.325	.187	4000	.09
810	CGA5H3C0G2E392J	3900	250	5	3.2	1.6	1.15	.68	.48	.357	.206	2000	.099
810	CGA5C2C0G1H472J	4700	50	5	3.2	1.6	0.6	.50	.35	.26	.15	4000	.072
810	CGA5F2C0G2A472J	4700	100	5	3.2	1.6	0.85	.62	.43	.325	.187	4000	.09
810	CGA5H3C0G2E472J	4700	250	5	3.2	1.6	1.15	.68	.48	.357	.206	2000	.099
810	CGA5C2C0G1H562J	5600	50	5	3.2	1.6	0.6	.62	.43	.325	.187	4000	.09
810	CGA5F2C0G2A562J	5600	100	5	3.2	1.6	0.85	.75	.52	.39	.225	4000	.108
810	CGA5H3C0G2E562J	5600	250	5	3.2	1.6	1.15	.81	.56	.422	.243	2000	.117
810	CGA5C2C0G1H682J	6800	50	5	3.2	1.6	0.6	.62	.43	.325	.187	4000	.09
810	CGA5H2C0G2A682J	6800	100	5	3.2	1.6	1.15	.75	.52	.39	.225	2000	.108
810	CGA5L3C0G2E682J	6800	250	5	3.2	1.6	1.6	.81	.56	.422	.243	2000	.117
810	CGA5C2C0G1H822J	8200	50	5	3.2	1.6	0.6	.45	.331	.206	.176	4000	.099
810	CGA5F2C0G1H822J	8200	50	5	3.2	1.6	0.85	.68	.48	.357	.206	4000	.099
810	CGA5H2C0G2A822J	8200	100	5	3.2	1.6	1.15	.87	.61	.455	.262	2000	.126
810	CGA5L3C0G2E822J	8200	250	5	3.2	1.6	1.6	.93	.65	.487	.281	2000	.135
810	CGA5C2C0G1H103J	.01µF	50	5	3.2	1.6	0.6	.45	.331	.206	.176	4000	.099
810	CGA5F2C0G1H103J	.01µF	50	5	3.2	1.6	0.85	.68	.48	.357	.206	4000	.099
810	CGA5H2C0G2A103J	.01µF	100	5	3.2	1.6	1.15	.87	.61	.455	.262	2000	.126
810	CGA5L2C0G1H153J	.015µF	50	5	3.2	1.6	0.6	.49	.361	.225	.192	4000	.102
810	CGA5F2C0G1H153J	.015µF	50	5	3.2	1.6	0.85	.75	.52	.39	.225	2000	.108
810	CGA5C2C0G1H223J	.022µF	50	5	3.2	1.6	0.6	.49	.361	.225	.192	4000	.102
810	CGA5H2C0G1H223J	.022µF	50	5	3.2	1.6	1.15	.75	.52	.39	.225	2000	.108
810	CGA5F2C0G1H333J	.033µF	50	5	3.2	1.6	0.6	.54	.397	.247	.211	4000	.112
810	CGA5L2C0G1H333J	.033µF	50	5	3.2	1.6	1.6	.82	.57	.429	.247	2000	.119
810	CGA5H2C0G1H473J	.047µF	50	5	3.2	1.6	0.85	.57	.425	.28	.255	2000	.136
810	CGA5L2C0G1H683J	.068µF	50	5	3.2	1.6	0.85	.67	.50	.33	.30	2000	.16
810	CGA5L2C0G1H104J	.1µF	50	5	3.2	1.6	0.85	.67	.50	.33	.30	2000	.16

Temperature Coef: X7R

810	CGA5H4X7R2J102K	1000	630	10	3.2	1.6	1.15	.37	.26	.195	.112	2000	.054
810	CGA5H4X7R2J152K	1500	630	10	3.2	1.6	1.15	.43	.30	.227	.131	2000	.063
810	CGA5H4X7R2J222K	2200	630	10	3.2	1.6	1.15	.43	.30	.227	.131	2000	.063
810	CGA5H4X7R2J332K	3300	630	10	3.2	1.6	1.15	.43	.30	.227	.131	2000	.063
810	CGA5H4X7R2J472K	4700	630	10	3.2	1.6	1.15	.37	.26	.195	.112	2000	.054
810	CGA5H4X7R2J682K	6800	630	10	3.2	1.6	1.15	.50	.35	.26	.15	2000	.072
810	CGA5H4X7R2J103K	.01µF	630	10	3.2	1.6	1.15	.37	.26	.195	.112	2000	.054
810	CGA5H3X7R2E153K	.015µF	250	10	3.2	1.6	1.15	.56	.39	.292	.168	2000	.081
810	CGA5H4X7R2J153K	.015µF	630	10	3.2	1.6	1.3	.50	.35	.26	.15	2000	.072
810	CGA5H3X7R2E223K	.022µF	250	10	3.2	1.6	1.15	.56	.39	.292	.168	2000	.081
810	CGA5H4X7R2J223K	.022µF	630	10	3.2	1.6	1.3	.56	.39	.292	.168	2000	.081
810	CGA5H2X7R2A333K	.033µF	100	10	3.2	1.6	1.15	.37	.26	.195	.112	2000	.054
810	CGA5L3X7R2E333K	.033µF	250	10	3.2	1.6	1.6	.62	.43	.325	.187	2000	.09
810	CGA5L4X7R2J333K	.033µF	630	10	3.2	1.6	1.6	.62	.43	.325	.187	2000	.09
810	CGA5H2X7R2A473K	.047µF	100	10	3.2	1.6	1.15	.37	.26	.195	.112	2000	.054
810	CGA5L3X7R2A473K	.047µF	250	10	3.2	1.6	1.6	.62	.43	.325	.187	2000	.09
810	CGA5L2X7R1E2683K	.068µF	100	10	3.2	1.6	1.6	.43	.30	.227	.131	2000	.063
810	CGA5L3X7R2E683K	.068µF	250	10	3.2	1.6	1.6	.68	.48	.357	.206	2000	.099
810	CGA5L2X7R2A104K	.1µF	100	10	3.2	1.6	1.6	.41	.28	.214	.123	2000	.059
810	CGA5H2X7R1C105K	1µF	16	10	3.2	1.6	1.15	.33	.228	.127	.099	2000	.06
810	CGA5L2X7R1E105K	1µF	25	10	3.2	1.6	1.6	.33	.22	.11	.074	2000	.048
810	CGA5L3X7R1H155K	1.5µF	50	10	3.2	1.6	1.6	.76	.609	.449	.42	2000	.218

CGA5 (EIA CC1206/JIS C3216) (Cont.)

For quantities greater than listed, call for quote.

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: X7R (Cont.)													
810	CGA5L2X7R1C225K	2.2µF	16	10	3.2	1.6	1.6	.33	.241	.15	.128	2000	.072
810	CGA5L3X7R1H225K	2.2µF	50	10	3.2	1.6	1.6	.76	.609	.449	.42	2000	.218
810	CGA5L1X7R1V335K												