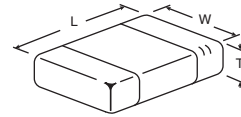


TDK Ceramic Chip Capacitors



TDK C SERIES CAPACITORS

RoHS Compliant This product is RoHS compliant.



EIA Code	EIAJ Code	Dim. L	(mm) W
0402	1005	1.0	.05
0603	1608	1.6	0.8

Features:

- COG (NP0), X7R, X5R, and 75V Dielectrics
- High capacitance has been achieved through precision technologies that enable the use of multiple thinner ceramic dielectric layers
- 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

Style 0402

MOUSER STOCK NO.	TDK Part No.	Value (pF)	Volt (DC)	Tol.±	Dim. T (mm)	Price Each			Reel Qty.	Price Per Piece	
						1	100	500		10,000	50,000
Temperature Coef: COG (NP0)											
810-C1005C0G1H100D	C1005C0G1H100D	10	50	0.5pF	0.5	.07	.028	.016	10,000	.009	.006
810-C1005C0G1H120J	C1005C0G1H120J	12	50	5%	0.5	.07	.028	.016	10,000	.009	.006
810-C1005C0G1H150J	C1005C0G1H150J	15	50	5%	0.5	.05	.022	.012	10,000	.007	.004
810-C1005C0G1H180J	C1005C0G1H180J	18	50	5%	0.5	.07	.028	.016	10,000	.009	.006
810-C1005C0G1H220J	C1005C0G1H220J	22	50	5%	0.5	.07	.028	.016	10,000	.009	.006
810-C1005C0G1H270J	C1005C0G1H270J	27	50	5%	0.5	.07	.018	.01	10,000	.005	.003
810-C1005C0G1H330J	C1005C0G1H330J	33	50	5%	0.5	.07	.028	.016	10,000	.009	.006
810-C1005C0G1H390J	C1005C0G1H390J	39	50	5%	0.5	.07	.028	.016	10,000	.009	.006
810-C1005C0G1H470J	C1005C0G1H470J	47	50	5%	0.5	.07	.028	.016	10,000	.009	.006
810-C1005C0G1H560J	C1005C0G1H560J	56	50	5%	0.5	.06	.012	.007	10,000	.003	.003
810-C1005C0G1H680J	C1005C0G1H680J	68	50	5%	0.5	.06	.023	.013	10,000	.006	.005
810-C1005C0G1H820J	C1005C0G1H820J	82	50	5%	0.5	.06	.012	.007	10,000	.003	.003
810-C1005C0G1H101J	C1005C0G1H101J	100	50	5%	0.5	.07	.028	.016	10,000	.009	.006
810-C1005C0G1H121J	C1005C0G1H121J	120	50	5%	0.5	.09	.036	.021	10,000	.01	.006
810-C1005C0G1H151J	C1005C0G1H151J	150	50	5%	0.5	.08	.036	.021	10,000	.01	.006
810-C1005C0G1H181J	C1005C0G1H181J	180	50	5%	0.5	.08	.026	.015	10,000	.006	.004
810-C1005C0G1H221J	C1005C0G1H221J	220	50	5%	0.5	.08	.028	.015	10,000	.006	.005
810-C1005C0G1H271J	C1005C0G1H271J	270	50	5%	0.5	.08	.031	.017	10,000	.008	.005
810-C1005C0G1H331J	C1005C0G1H331J	330	50	5%	0.5	.10	.035	.02	10,000	.009	.006
Temperature Coef: X7R											
810-C1005X7R1H221K	C1005X7R1H221K	220	50	10%	0.5	.06	.012	.006	10,000	.003	.003
810-C1005X7R1H471K	C1005X7R1H471K	470	50	10%	0.5	.07	.028	.016	10,000	.009	.006
810-C1005X7R1H102K	C1005X7R1H102K	1000	50	10%	0.5	.07	.028	.016	10,000	.009	.006
810-C1005X7R1H222K	C1005X7R1H222K	2200	50	10%	0.5	.07	.028	.016	10,000	.009	.006
810-C1005X7R1E472K	C1005X7R1E472K	4700	25	10%	0.5	.06	.012	.007	10,000	.003	.003
810-C1005X7R1H472K	C1005X7R1H472K	4700	50	10%	0.5	.17	.028	.016	10,000	.009	.006
810-C1005X7R1C103K	C1005X7R1C103K	10000	16	10%	0.5	.07	.028	.016	10,000	.009	.006
810-C1005X7R1E103K	C1005X7R1E103K	10000	25	10%	0.5	.07	.028	.016	10,000	.009	.006
810-C1005X7R1C223K	C1005X7R1C223K	22000	16	10%	0.5	.07	.018	.01	10,000	.005	.003
810-C1005X7R1E223K	C1005X7R1E223K	22000	25	10%	0.5	.04	.022	.012	10,000	.005	.004
810-C1005X7R1C473K	C1005X7R1C473K	47000	16	10%	0.5	.07	.028	.016	10,000	.009	.006
Temperature Coef: X5R											
810-C1005X5R0J104K	C1005X5R0J104K	.1µF	6.3	10%	0.5	.44	.085	.049	10,000	.023	.017
810-C1005X5R1A104K	C1005X5R1A104K	.1µF	10	10%	0.5	.05	.024	.014	10,000	.007	.004
810-C1005X5R0J224M	C1005X5R0J224M	.22µF	6.3	20%	0.5	.27	.162	.093	10,000	.045	.033
Temperature Coef: Y5V											
810-C1005Y5V1C104Z	C1005Y5V1C104Z	.1µF	16	+80,-20%	0.5	.07	.028	.016	10,000	.009	.006

Style 0603

MOUSER STOCK NO.	TDK Part No.	Value (pF)	Volt (DC)	Tol.±	Dim. T (mm)	Price Each			Reel Qty.	Price Per Piece	
						1	100	500		4,000	8,000
Temperature Coef: COG (NP0)											
810-C1608C0G1H100D	C1608C0G1H100D	10	50	0.5pF	0.8	.05	.028	.016	4,000	.007	.006
810-C1608C0G1H120J	C1608C0G1H120J	12	50	5%	0.8	.09	.03	.017	4,000	.008	.007
810-C1608C0G1H150J	C1608C0G1H150J	15	50	5%	0.8	.10	.03	.017	4,000	.008	.007
810-C1608C0G1H180J	C1608C0G1H180J	18	50	5%	0.8	.10	.03	.017	4,000	.008	.007
810-C1608C0G1H220J	C1608C0G1H220J	22	50	5%	0.8	.10	.028	.016	4,000	.007	.006
810-C1608C0G1H270J	C1608C0G1H270J	27	50	5%	0.8	.10	.03	.017	4,000	.008	.007
810-C1608C0G1H330J	C1608C0G1H330J	33	50	5%	0.8	.10	.03	.017	4,000	.008	.007
810-C1608C0G1H390J	C1608C0G1H390J	39	50	5%	0.8	.05	.03	.017	4,000	.008	.007
810-C1608C0G1H470J	C1608C0G1H470J	47	50	5%	0.8	.06	.028	.016	4,000	.007	.006
810-C1608C0G1H560J	C1608C0G1H560J	56	50	5%	0.8	.10	.03	.017	4,000	.008	.007
810-C1608C0G1H680J	C1608C0G1H680J	68	50	5%	0.8	.08	.03	.017	4,000	.008	.007
810-C1608C0G1H820J	C1608C0G1H820J	82	50	5%	0.8	.10	.03	.017	4,000	.008	.007
810-C1608C0G1H101J	C1608C0G1H101J	100	50	5%	0.8	.10	.028	.016	4,000	.007	.006
810-C1608C0G1H121J	C1608C0G1H121J	120	50	5%	0.8	.14	.028	.016	4,000	.007	.006
810-C1608C0G1H151J	C1608C0G1H151J	150	50	5%	0.8	.05	.03	.017	4,000	.008	.007
810-C1608C0G1H181J	C1608C0G1H181J	180	50	5%	0.8	.18	.034	.02	4,000	.009	.008
810-C1608C0G1H221J	C1608C0G1H221J	220	50	5%	0.8	.15	.034	.02	4,000	.009	.008
810-C1608C0G1H271J	C1608C0G1H271J	270	50	5%	0.8	.16	.041	.023	4,000	.011	.009
810-C1608C0G1H331J	C1608C0G1H331J	330	50	5%	0.8	.15	.039	.022	4,000	.01	.008
810-C1608C0G1H391J	C1608C0G1H391J	390	50	5%	0.8	.24	.047	.027	4,000	.013	.012
810-C1608C0G1H471J	C1608C0G1H471J	470	50	5%	0.8	.17	.046	.026	4,000	.012	.011
810-C1608C0G1H561J	C1608C0G1H561J	560	50	5%	0.8	.22	.042	.024	4,000	.011	.01
810-C1608C0G1H681J	C1608C0G1H681J	680	50	5%	0.8	.21	.051	.029	4,000	.013	.011
810-C1608C0G1H821J	C1608C0G1H821J	820	50	5%	0.8	.34	.066	.038	4,000	.018	.014
810-C1608C0G1H102J	C1608C0G1H102J	1000	50	5%	0.8	.07	.042	.024	4,000	.012	.011
810-C1608X7R2A102K	C1608X7R2A102K	1000	100	10%	0.8	.32	.068	.039	4,000	.018	.016
810-C1608X7R2A102M	C1608X7R2A102M	1000	100	20%	0.8	.30	.064	.037	4,000	.017	.015
810-C1608C0G1H122J	C1608C0G1H122J	1200	50	5%	0.8	.34	.084	.048	4,000	.023	.018
810-C1608C0G1H152J	C1608C0G1H152J	1500	50	5%	0.8	.14	.084	.048	4,000	.023	.022
810-C1608C0G1H182J	C1608C0G1H182J	1800	50	5%	0.8	.34	.118	.068	4,000	.032	.027
810-C1608C0G1H222J	C1608C0G1H222J	2200	50	5%	0.8	.19	.114	.066	4,000	.031	.027
810-C1608X7R2A222K	C1608X7R2A222K	2200	100	10%	0.8	.32	.052	.03	4,000	.014	.013
810-C1608X7R2A222M	C1608X7R2A222M	2200	100	20%	0.8	.30	.052	.03	4,000	.017	.015
810-C1608X7R2A472K	C1608X7R2A472K	4700	100	10%	0.8	.30	.052	.03	4,000	.014	.012

