

TDK Ceramic Chip Capacitors

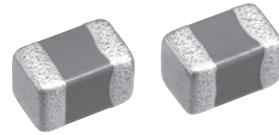
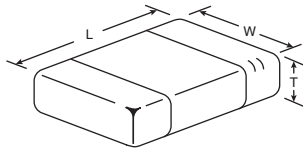
RoHS Compliant This product is RoHS compliant.



C SERIES CAPACITORS (CONT.)

Features:

- High capacitance has been achieved through precision technologies
- 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.



EIA Code	EIAJ Code	Dim. (mm)	
		L	W
0402	1005	1.0	.05
0508	1220	1.25	2.0
0603	1608	1.6	0.8
0612	1632	1.6	3.2

Style 0402 (Cont.)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Value (pF)	Volt (DC)	Tol.±	Dim. T (mm)	Price Each			Reel Qty.	Price Per Piece
Mfr.	Mfr. Part No.					1	100	500		
Temperature Coef: X7S (Cont.)										
810	C1005X7S2A472K	4700	10	10%	0.5	.16	.022	.014	10000	.008
810	C1005X7S2A682K	6800	10	10%	0.5	.20	.045	.024	10000	.009
810	C1005X7S2A103M	.01µF	100	20%	0.5	.16	.021	.013	10000	.008
Temperature Coef: X8R										
810	C1005X8R1H471K	470	50	10%	0.5	.30	.08	.041	10000	.02
810	C1005X8R1H222K	2200	50	10%	0.5	.30	.105	.051	10000	.027
Temperature Coef: Y5V										
810	C1005Y5V1H103Z	.01µF	50	+80,-20%	0.5	.27	.063	.033	10000	.014

Style 0508

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Value (pF)	Volt (DC)	Tol.±	Dim. T (mm)	Price Each			Reel Qty.	Price Per Piece
Mfr.	Mfr. Part No.					1	100	500		
Temperature Coef: X7R										
810	C1220X7R1H223K	.022µF	50	10%	0.85	.47	.225	.144	4000	.077

Style 0603

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Value (pF)	Volt (DC)	Tol.±	Dim. T (mm)	Price Each			Reel Qty.	Price Per Piece
Mfr.	Mfr. Part No.					1	100	500		
Temperature Coef: SL										
810	C1608SL1A153J	.015µF	10	5%	0.8	.42	.20	.128	4000	.068
810	C1608SL1A223J	.022µF	10	5%	0.8	.42	.20	.128	4000	.068
Temperature Coef: C0G										
810	C1608C0G1H0R5B	0.5	50	0.10pF	0.8	.16	.036	.019	4000	.01
810	C1608C0G1H1R2B	1.2	50	0.10pF	0.8	.16	.036	.019	4000	.01
810	C1608C0G1H1R5C	1.5	50	0.25pF	0.8	.07	.012	.009	4000	.004
810	C1608C0G1H202C	2	50	0.25pF	0.8	.07	.012	.009	4000	.004
810	C1608C0G1H2R2C	2.2	50	0.25pF	0.8	.07	.012	.009	4000	.004
810	C1608C0G1H2R7C	2.7	50	0.25pF	0.8	.07	.012	.009	4000	.004
810	C1608C0G1H030B	3	50	0.10pF	0.8	.16	.036	.019	4000	.01
810	C1608C0G1H030C	3	50	0.25pF	0.8	.07	.012	.009	4000	.004
810	C1608C0G1H3R3B	3.3	50	0.10pF	0.8	.16	.036	.019	4000	.01
810	C1608C0G1H040B	4	50	0.10pF	0.8	.16	.036	.019	4000	.01
810	C1608C0G1H040C	4	50	0.25pF	0.8	.07	.012	.009	4000	.004
810	C1608C0G1H4R7B	4.7	50	0.10pF	0.8	.16	.036	.019	4000	.01
810	C1608C0G1H050B	5	50	0.10pF	0.8	.16	.036	.019	4000	.01
810	C1608C0G1H050C	5	50	0.25pF	0.8	.07	.012	.009	4000	.004
810	C1608C0G1H5R6D	5.6	50	0.5pF	0.8	.07	.012	.009	4000	.004
810	C1608C0G1H6R8D	6.8	50	0.5pF	0.8	.07	.012	.009	4000	.004
810	C1608C0G1H070C	7	50	0.25pF	0.8	.13	.029	.015	4000	.01
810	C1608C0G1H080D	8	50	0.5pF	0.8	.07	.012	.009	4000	.004
810	C1608C0G1H090C	9	50	0.25pF	0.8	.13	.029	.015	4000	.01
810	C1608C0G1H100D	10	50	0.5pF	0.8	.07	.012	.009	4000	.004
810	C1608C0G1H120J	12	50	5%	0.8	.09	.013	.008	4000	.007
810	C1608C0G1H130J	13	50	5%	0.8	.13	.029	.015	4000	.01
810	C1608C0G1H150J	15	50	5%	0.8	.09	.013	.008	4000	.007
810	C1608C0G1H180J	18	50	5%	0.8	.09	.013	.008	4000	.007
810	C1608C0G1H220F	22	50	1%	0.8	.49	.201	.115	4000	.065
810	C1608C0G1H220G	22	50	2%	0.8	.42	.172	.099	4000	.056
810	C1608C0G1H220J	22	50	5%	0.8	.09	.013	.008	4000	.007
810	C1608C0G1H240J	24	50	5%	0.8	.13	.029	.015	4000	.01
810	C1608C0G1H270J	27	50	5%	0.8	.09	.013	.008	4000	.007
810	C1608C0G1H300J	30	50	5%	0.8	.13	.029	.015	4000	.01
810	C1608C0G1H330J	33	50	5%	0.8	.09	.013	.008	4000	.007
810	C1608C0G1H390J	39	50	5%	0.8	.07	.012	.009	4000	.004
810	C1608C0G1H470F	47	50	1%	0.8	.49	.201	.115	4000	.065
810	C1608C0G1H470G	47	50	2%	0.8	.42	.172	.099	4000	.056
810	C1608C0G1H470J	47	50	5%	0.8	.09	.013	.008	4000	.007
810	C1608C0G1H510J	51	50	5%	0.8	.13	.029	.015	4000	.01
810	C1608C0G1H560J	56	50	5%	0.8	.09	.013	.008	4000	.007
810	C1608C0G1H620J	62	50	5%	0.8	.13	.029	.015	4000	.01
810	C1608C0G1H680J	68	50	5%	0.8	.07	.012	.009	4000	.004
810	C1608C0G1H820J	82	50	5%	0.8	.07	.012	.009	4000	.004
810	C1608C0G1H910J	91	50	5%	0.8	.13	.029	.015	4000	.01
810	C1608C0G1H101F	100	50	1%	0.8	.49	.201	.115	4000	.065
810	C1608C0G1H101G	100	50	2%	0.8	.42	.172	.099	4000	.056
810	C1608C0G1H101J	100	50	5%	0.8	.09	.011	.008	4000	.006
810	C1608C0G2A101F	100	100	1%	0.8	.40	.20	.145	4000	.077
810	C1608C0G2A101G	100	100	2%	0.8	.46	.189	.108	4000	.061
810	C1608C0G1H151J	150	50	5%	0.8	.16	.022	.014	4000	.009
810	C1608C0G1H221F	220	50	1%	0.8	.40	.20	.145	4000	.077
810	C1608C0G1H221G	220	50	2%	0.8	.43	.215	.138	4000	.069
810	C1608C0G1H221J	220	50	5%	0.8	.16	.022	.014	4000	.009
810	C1608C0G1H271J	270	50	5%	0.8	.16	.022	.014	4000	.009
810	C1608C0G1H331J	330	50	5%	0.8	.20	.045	.024	4000	.011

Style 0603 (Cont.)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.		Value (pF)	Volt (DC)	Tol.±	Dim. T (mm)	Price Each			Reel Qty.	Price Per Piece
Mfr.	Mfr. Part No.					1	100	500		
Temperature Coef: X7R (Cont.)										
810	C1608C0G2A331J	330	100	5%	0.8	.07	.027	.02	4000	.01
810	C1608C0G1H471G	470	50	1%	0.8	.64	.336	.24	4000	.12
810	C1608C0G1H471F	470	50	2%	0.8	.44	.22	.141	4000	.07
810	C1608C0G1H471G	470	50	5%	0.8	.20	.045	.024	4000	.011
810	C1608C0G1H511J	510	50	5%	0.8	.08	.04	.026	4000	.017
810	C1608C0G1H681J	680	50	5%	0.8	.26	.058	.031	4000	.015
810	C1608C0G1H821J	820	50	5%	0.8	.26	.063	.033	4000	.017
810	C1608C0G1H911J	910	50	5%	0.8	.27	.072	.036	4000	.019
810	C1608C0G1H102G	1000	50	1%	0.8	.89	.552	.444	4000	.226
810	C1608C0G1H102G	1000	50	2%	0.8	.78	.483	.389	4000	.203
810	C1608C0G1H102J	1000	50	5%	0.8	.26	.058	.031	4000	.015
810	C1608C0G2A102F	1000	100	1%	0.8	1.13	.69	.56	4000	.275
810	C1608C0G2A102G	1000	100	2%	0.8	1.01	.621	.324	4000	.261
810	C1608C0G1H122J	1200	50	5%	0.8	.36	.096	.049	4000	.025
810	C1608C0G1H152J	1500	50	5%	0.8	.36	.096	.049	4000	.025
810	C1608C0G1H182J	1800	50	5%	0.8	.30	.105	.051	4000	.03
810	C1608C0G1H222J	2200	50	5%	0.8	.30	.105	.051	4000	.03
810	C1608X7R1H221K	220	50	10%	0.8	.10	.013	.008	4000	.005
810	C1608X7R1H221M	220	50	20%	0.8	.10	.013	.008	4000	.005
810	C1608X7R1H471K	470	50	10%	0.8	.10	.013	.008	4000	.005
810	C1608X7R1H681K	680	50	10%	0.8	.10	.013	.008	4000	.005
810	C1608X7R1H681M	680	50	20%	0.8	.10	.013	.008	4000	.005
810	C1608X7R1H102K	1000	50	10%	0.8	.10	.013	.008	4000	.005
810	C1608X7R1H102M	1000	50	20%	0.8	.10	.013	.008	4000	.005
810	C1608X7R2A102K	1000	100	10%	0.8	.16	.036	.019	4000	.01
810	C1608X7R1H152K	1500	50	10%	0.8	.10	.013	.008	4000	.005
810	C1608X7R1H152M	1500	50	20%	0.8	.10	.013	.008	4000	.005
810	C1608X7R2A152K	1500	100	10%	0.8	.16	.036	.019	4000	.01
810	C1608X7R2A152M	1500	100							