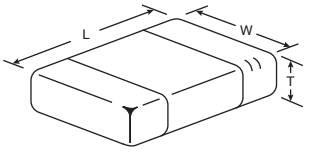
TDK Ceramic Chip Capacitors

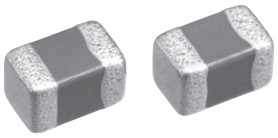
RoHS Compliant **This product is RoHS compliant.**

C SERIES CAPACITORS

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 extremelydependable performance, exhibiting virtually no degradation even when subjected to temperature extremes.





EIA Code	EIAJ Code	Dim. (mm) L	W
0402	1005	1.0	.05

Style 0402

For quantities greater than listed, call for quote.

MOUSER STOCK NO. Mfr.	Mfr. Part No.	Value (pF)	Volt (DC)	Tol.±	Dim. T (mm)	Price Each 1	100	500	Reel Qty.	Price Per Piece
Temperature Coef: C0G										
810	C1005C0G1H0R5B	0.5	50	0.10pF	0.5	.09	.012	.007	10000	.003
810	C1005C0G1H0R5C	0.5	50	0.25pF	0.5	.09	.011	.008	10000	.004
810	C1005C0G1HR75C	0.75	50	0.25pF	0.5	.09	.011	.008	10000	.004
810	C1005C0G1H010B	1	50	0.10pF	0.5	.09	.011	.008	10000	.004
810	C1005C0G1H010C	1	50	0.25pF	0.5	.27	.063	.033	10000	.014
810	C1005C0G1H1R2B	1.2	50	0.10pF	0.5	.09	.011	.008	10000	.004
810	C1005C0G1H1R2C	1.2	50	0.25pF	0.5	.27	.063	.033	10000	.014
810	C1005C0G1H1R5B	1.5	50	0.10pF	0.5	.09	.011	.008	10000	.004
810	C1005C0G1H1R5C	1.5	50	0.25pF	0.5	.27	.063	.033	10000	.014
810	C1005C0G1H1R8B	1.8	50	0.10pF	0.5	.09	.011	.008	10000	.004
810	C1005C0G1H1R8C	1.8	50	0.25pF	0.5	.27	.063	.033	10000	.014
810	C1005C0G1H020B	2	50	0.10pF	0.5	.09	.011	.008	10000	.004
810	C1005C0G1H020C	2	50	0.25pF	0.5	.27	.063	.033	10000	.014
810	C1005C0G1H2R2B	2.2	50	0.10pF	0.5	.09	.011	.008	10000	.004
810	C1005C0G1H2R2C	2.2	50	0.25pF	0.5	.27	.063	.033	10000	.014
810	C1005C0G1H2R5C	2.5	50	0.25pF	0.5	.09	.011	.008	10000	.004
810	C1005C0G1H2R7B	2.7	50	0.10pF	0.5	.09	.011	.008	10000	.004
810	C1005C0G1H2R7C	2.7	50	0.25pF	0.5	.27	.063	.033	10000	.014
810	C1005C0G1H030B	3	50	0.10pF	0.5	.09	.011	.008	10000	.004
810	C1005C0G1H030C	3	50	0.25pF	0.5	.27	.063	.033	10000	.014
810	C1005C0G1H3R3B	3.3	50	0.10pF	0.5	.09	.011	.008	10000	.004
810	C1005C0G1H3R3C	3.3	50	0.25pF	0.5	.27	.063	.033	10000	.014
810	C1005C0G1H3R5C	3.5	50	0.25pF	0.5	.09	.011	.008	10000	.004
810	C1005C0G1H3R9B	3.9	50	0.10pF	0.5	.09	.011	.008	10000	.004
810	C1005C0G1H3R9C	3.9	50	0.25pF	0.5	.27	.063	.033	10000	.014
810	C1005C0G1H040B	4	50	0.10pF	0.5	.09	.011	.008	10000	.004
810	C1005C0G1H040C	4	50	0.25pF	0.5	.27	.063	.033	10000	.014
810	C1005C0G1H4R7B	4.7	50	0.10pF	0.5	.09	.011	.008	10000	.004
810	C1005C0G1H4R7C	4.7	50	0.25pF	0.5	.27	.063	.033	10000	.014
810	C1005C0G1H050B	5	50	0.10pF	0.5	.09	.011	.008	10000	.004
810	C1005C0G1H050C	5	50	0.25pF	0.5	.27	.063	.033	10000	.014
810	C1005C0G1H5R6C	5.6	50	0.25pF	0.5	.09	.011	.008	10000	.004
810	C1005C0G1H060C	6	50	0.25pF	0.5	.09	.011	.008	10000	.004
810	C1005C0G1H060D	6	50	0.5pF	0.5	.27	.063	.033	10000	.014
810	C1005C0G1H6R8C	6.8	50	0.25pF	0.5	.09	.011	.008	10000	.004
810	C1005C0G1H6R8D	6.8	50	0.5pF	0.5	.27	.063	.033	10000	.014
810	C1005C0G1H070C	7	50	0.25pF	0.5	.09	.011	.008	10000	.004
810	C1005C0G1H070D	7	50	0.5pF	0.5	.27	.063	.033	10000	.014
810	C1005C0G1H080C	8	50	0.25pF	0.5	.09	.011	.008	10000	.004
810	C1005C0G1H080D	8	50	0.5pF	0.5	.27	.063	.033	10000	.014
810	C1005C0G1H8R2C	8.2	50	0.25pF	0.5	.09	.011	.008	10000	.004
810	C1005C0G1H8R2D	8.2	50	0.5pF	0.5	.27	.063	.033	10000	.014
810	C1005C0G1H090C	9	50	0.25pF	0.5	.09	.011	.008	10000	.004
810	C1005C0G1H090D	9	50	0.5pF	0.5	.27	.063	.033	10000	.014
810	C1005C0G1H100C	10	50	0.25pF	0.5	.09	.011	.008	10000	.004
810	C1005C0G1H100D	10	50	0.5pF	0.5	.27	.063	.033	10000	.014
810	C1005C0G1H110J	11	50	5%	0.5	.09	.011	.008	10000	.004
810	C1005C0G1H130J	13	50	5%	0.5	.09	.011	.008	10000	.004
810	C1005C0G1H150J	15	50	5%	0.5	.27	.063	.033	10000	.014
810	C1005C0G1H160J	16	50	5%	0.5	.09	.011	.008	10000	.004
810	C1005C0G1H180J	18	50	5%	0.5	.27	.063	.033	10000	.014
810	C1005C0G1H200J	20	50	5%	0.5	.09	.011	.008	10000	.004
810	C1005C0G1H220F	22	50	1%	0.5	.55	.275	.176	10000	.088
810	C1005C0G1H220G	22	50	2%	0.5	.42	.20	.128	10000	.064
810	C1005C0G1H220J	22	50	5%	0.5	.27	.063	.033	10000	.014
810	C1005C0G1H240J	24	50	5%	0.5	.09	.011	.008	10000	.004
810	C1005C0G1H270J	27	50	5%	0.5	.27	.063	.033	10000	.014
810	C1005C0G1H300J	30	50	5%	0.5	.09	.011	.008	10000	.004
810	C1005C0G1H330J	33	50	5%	0.5	.27	.063	.033	10000	.014
810	C1005C0G1H360J	36	50	5%	0.5	.09	.011	.008	10000	.004
810	C1005C0G1H430J	43	50	5%	0.5	.09	.011	.008	10000	.004
810	C1005C0G1H470F	47	50	1%	0.5	.55	.275	.176	10000	.088
810	C1005C0G1H470G	47	50	2%	0.5	.53	.25	.16	10000	.07
810	C1005C0G1H470J	47	50	5%	0.5	.27	.063	.033	10000	.014
810	C1005C0G1H510J	51	50	5%	0.5	.09	.011	.008	10000	.004
810	C1005C0G1H620J	62	50	5%	0.5	.09	.011	.008	10000	.004
810	C1005C0G1H680J	68	50	5%	0.5	.27	.063	.033	10000	.014
810	C1005C0G1H750J	75	50	5%	0.5	.09	.011	.008	10000	.004
810	C1005C0G1H820J	82	50	5%	0.5	.27	.063	.033	10000	.014
810	C1005C0G1H910J	91	50	5%	0.5	.09	.011	.008	10000	.004
810	C1005C0G1H101F	100	50	1%	0.5	.55	.275	.176	10000	.088
810	C1005C0G1H101G	100	50	2%	0.5	.53	.25	.16	10000	.07
810	C1005C0G1H101J	100	50	5%	0.5	.27	.063	.033	10000	.014
810	C1005C0G1H121J	120	50	5%	0.5	.09	.012	.008	10000	.005
810	C1005C0G1H151J	150	50	5%	0.5	.11	.024	.013	10000	.006
810	C1005C0G1H181J	180	50	5%	0.5	.11	.024	.013	10000	.006

Style 0402 (Cont.)

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MOUSER STOCK NO. Mfr.	Mfr. Part No.	Value (pF)	Volt (DC)	Tol.±	Dim. T (mm)	Price Each 1	100	500	Reel Qty.	Price Per Piece
Temperature Coef: C0G (Cont.)										
810	C1005C0G1H221J	220	50	5%	0.5	.11	.024	.013	10000	.006
810	C1005C0G1H271J	270	50	5%	0.5	.11	.02	.015	10000	.007
810	C1005C0G1H331J	330	50	5%	0.5	.11	.02	.015	10000	.007
810	C1005C0G1E681J	680	25	5%	0.5	.27	.072	.036	15000	.017
810	C1005C0G1E821J	820	25	5%	0.5	.30	.08	.041	15000	.02
Temperature Coef: X5R										
810	C1005X5R1C473M	.047µF	16	20%	0.5	.10	.036	.019	10000	.008
810	C1005X5R1E473M	.047µF	25	20%	0.5	.13	.029	.015	10000	.008
810	C1005X5R1A473K	.047µF	10	10%	0.5	.11	.024	.013	10000	.006
810	C1005X5R1C473K	.047µF	16	10%	0.5	.10	.036	.019	10000	.008
810	C1005X5R1A683K	.068µF	10	10%	0.5	.13	.029	.015	10000	.008
810	C1005X5R1C683K	.068µF	16	10%	0.5	.16	.022	.014	10000	.008
810	C1005X5R1E683K	.068µF	25	10%	0.5	.20	.045	.024	10000	.01
810	C1005X5R1C683M	.068µF	16	20%	0.5	.16	.022	.014	10000	.008
810	C1005X5R1E683M	.068µF	25	20%	0.5	.20	.045	.024	10000	.01
Temperature Coef: X7R										
810	C1005X7R1H221K	220	50	10%	0.5	.27	.063	.033	10000	.014
810	C1005X7R1H221M	220	50	20%	0.5	.27	.063	.033	10000	.014
810	C1005X7R1H331K	330	50	10%	0.5	.27	.063	.033	10000	.014
810	C1005X7R1H331M	330	50	20%	0.5	.27	.063	.033	10000	.014
810	C1005X7R1H471M	470	50	20%	0.5	.27	.063	.033	10000	.014
810	C1005X7R1H681K	680	50	10%	0.5	.27	.063	.033	10000	.014
810	C1005X7R1H681M	680	50	20%	0.5	.27	.063	.033	10000	.014
810	C1005X7R1E102K	1000	25	10%	0.5	.27	.063	.033	10000	.014
810	C1005X7R1E102M	1000	25	20%	0.5	.27	.063	.033	10000	.014
810	C1005X7R1H102K	1000	50	10%	0.5	.27	.063	.033	10000	.014
810	C1005X7R1H102M	1000	50	20%	0.5	.27	.063	.033	10000	.014
810	C1005X7R1E152K	1500	25	10%	0.5	.09	.011	.008	10000	.004
810	C1005X7R1E152M	1500	25	20%	0.5	.09	.011	.008	10000	.004
810	C1005X7R1H152K	1500	50	10%	0.5	.09	.011	.008	10000	.004
810	C1005X7R1H152M	1500	50	20%	0.5	.09	.011	.008	10000	.004
810	C1005X7R1E222K	2200	25	10%	0.5	.27	.063	.033	10000	.014
810	C1005X7R1E222M	2200	25	20%	0.5	.27	.063	.033	10000	.014
810	C1005X7R1H222K	2200	50	10%	0.5	.27	.063	.033	10000	.014
810	C1005X7R1H222M	2200	50	20%	0.5	.27	.063	.033	10000	.014
810	C1005X7R1E332K	3300	25	10%	0.5	.09	.011	.008	10000	.004
810	C1005X7R1E332M	3300	25	20%	0.5	.09	.011	.008	10000	.004
810	C1005X7R1H332K	3300	50	10%	0.5	.09	.011	.008	10000	.004
810	C1005X7R1H332M	3300	50	20%	0.5	.09	.011	.008	10000	.004
810	C1005X7R1E472M	4700	25	20%	0.5	.27	.063	.033	10000	.014
810	C1005X7R1H472M	4700	50	20%	0.5	.27	.063	.033	10000	.014
810	C1005X7R1E682K	6800	25	10%	0.5	.09	.011	.008	10000	.004
810	C1005X7R1E682M	6800	25	20%	0.5	.09	.011	.008	10000	.004
810	C1005X7R1H682K	6800	50	10%	0.5	.09	.011	.008	10000	.004
810	C1005X7R1H682M	6800	50	20%	0.5	.09	.011	.008	10000	.004
810	C1005X7R1C103K	.01µF	16	10%	0.5	.27	.063	.033	10000	.014
810	C1005X7R1E103K	.01µF	25	10%	0.5	.27	.063	.033	10000	.014
810	C1005X7R1C103M	.01µF	16	20%	0.5	.27	.063	.033	10000	.014
810	C1005X7R1E103M	.01µF	25	20%	0.5	.27	.063	.033	10000	.014
810	C1005X7R1C153K	.015µF	16	10%	0.5	.11	.024	.013	10000	.006
810	C1005X7R1C153M	.015µF	16	20%	0.5	.11	.024	.013	10000	.006
810	C1005X7R1E153K	.015µF	25	10%	0.5	.11	.024	.013	10000	.006
810	C1005X7R1E153M	.015µF	25	20%	0.5	.11	.024	.013	10000	.006
810	C1005X7R1C223K	.022µF	16	10%	0.5	.09	.011	.008	10000	.004
810	C1005X7R1E223K	.022µF	25	10%	0.5	.11	.024	.013	10000	.006
810	C1005X7R1C223M	.022µF	16	20%	0.5	.09	.011	.008	10000	.004
810	C1005X7R1E223M	.022µF	25	20%	0.5	.11	.024	.013	10000	.006
810	C1005X7R1C333M	.033µF	16	20%	0.5	.11	.024	.013	10000	.006
810	C1005X7R1E333K	.033µF	25	10%	0.5	.13	.029	.015	10000	.008
810	C1005X7R1E333M	.033µF	25	20%	0.5	.13	.029	.015	10000	.008
810	C1005X7R1C473K	.047µF	16	10%	0.5	.11	.024	.013	10000	.006
810	C1005X7R1A473K	.047µF	10	10%	0.5	.11	.024	.013	10000	.006
810	C1005X7R1A473M	.047µF	10	20%	0.5	.11	.024	.013	10000	.006
810	C1005X7R1C473M	.047µF	16	20%	0.5	.11	.024	.013	10000	.006
810	C1005X7R1E473M	.047µF	25	20%	0.5	.11	.024	.013	10000	.006
810	C1005X7R1A683K	.068µF	10	10%	0.5	.13	.029	.015	10000	.008
810	C1005X7R1A683M	.068µF	10	20%	0.5	.13	.029	.015	10000	.008
810	C1005X7R1C683K	.068µF	16	10%	0.5	.13	.029	.015	10000	.008
810	C1005X7R1C683M	.068µF	16	20%	0.5	.13	.029	.015	10000	.008
810	C1005X7R1H683K	.068µF	50	10%	0.5	.30	.08	.041	10000	.02
Temperature Coef: X7S										
810	C1005X7S2A102K	1000	10	10%	0.5	.16	.022	.014	10000	.008
810	C1005X7S2A152K	1500	10	10%	0.5	.20	.045	.024	10000	.009
810	C1005X7S2A222K	2200	10	10%	0.5	.16	.022	.014	10000	.008
810	C1005X7S2A332K	3300	10	10%	0.5	.20	.045	.024	10000	.009
810	C1005X7S2A332M	3300	10	20%	0.5	.20	.045	.024	10000	.01

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