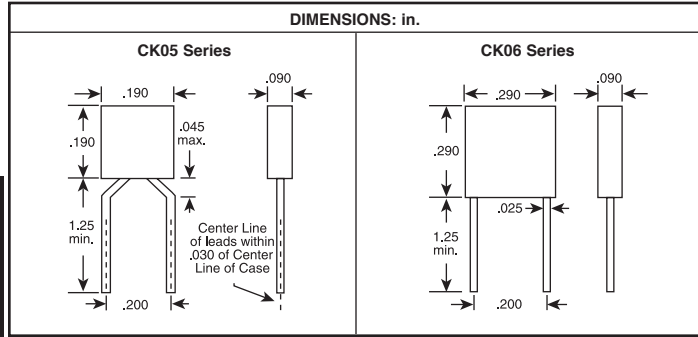


# KEMET Ceramic Capacitors

The Capacitance Company  
**KEMET**  
CHARGED.

## KEMET CK SERIES, CERAMIC MOLDED RADIAL, 10% TOLERANCE



### CK05 Series For quantities greater than listed, call for quote.

MOUSER STOCK NO.	KEMET Part Number	Value (pF)	Volt (DC)	Price Each			
				1	10	100	200
80-CK05BX100K	C052K100K2X5CA	10	200	.33	.252	.216	.179
80-CK05BX120K	C052K120K2X5CA	12	200	.30	.24	.188	.15
80-CK05BX150K	C052K150K2X5CA	15	200	.30	.24	.188	.15
80-CK05BX180K	C052K180K2X5CA	18	200	.30	.24	.188	.15
80-CK05BX220K	C052K220K2X5CA	22	200	.30	.24	.188	.15
80-CK05BX270K	C052K270K2X5CA	27	200	.30	.24	.188	.15
80-CK05BX330K	C052K330K2X5CA	33	200	.30	.24	.188	.15
80-CK05BX390K	C052K390K2X5CA	39	200	.30	.24	.188	.15
80-CK05BX470K	C052K470K2X5CA	47	200	.30	.24	.188	.15
80-CK05BX560K	C052K560K2X5CA	56	200	.30	.24	.188	.15
80-CK05BX680K	C052K680K2X5CA	68	200	.30	.24	.188	.15
80-CK05BX820K	C052K820K2X5CA	82	200	.30	.24	.188	.15
80-CK05BX101K	C052K101K2X5CA	100	200	.32	.24	.206	.17
80-CK05BX121K	C052K121K2X5CA	120	200	.30	.24	.188	.15
80-CK05BX151K	C052K151K2X5CA	150	200	.30	.24	.188	.15
80-CK05BX181K	C052K181K2X5CA	180	200	.30	.24	.188	.15
80-CK05BX221K	C052K221K2X5CA	220	200	.30	.24	.188	.15
80-CK05BX271K	C052K271K2X5CA	270	200	.30	.24	.188	.15
80-CK05BX331K	C052K331K2X5CA	330	200	.30	.24	.188	.15
80-CK05BX391K	C052K391K2X5CA	390	200	.30	.24	.188	.15
80-CK05BX471K	C052K471K2X5CA	470	200	.30	.24	.188	.15
80-CK05BX561K	C052K561K2X5CA	560	200	.30	.24	.188	.15
80-CK05BX681K	C052K681K2X5CA	680	200	.30	.24	.188	.15
80-CK05BX821K	C052K821K2X5CA	820	200	.30	.24	.188	.15
80-CK05BX102K	C052K102K2X5CA	1000	200	.33	.252	.216	.179

### CK05 Series (Cont.) For quantities greater than listed, call for quote.

MOUSER STOCK NO.	KEMET Part Number	Value (pF)	Volt (DC)	Price Each			
				1	10	100	200
80-CK05BX122K	C052K122K1X5CA	1200	100	.30	.24	.188	.15
80-CK05BX152K	C052K152K1X5CA	1500	100	.30	.24	.188	.15
80-CK05BX182K	C052K182K1X5CA	1800	100	.30	.24	.188	.15
80-CK05BX222K	C052K222K1X5CA	2200	100	.30	.24	.188	.15
80-CK05BX272K	C052K272K1X5CA	2700	100	.30	.24	.188	.15
80-CK05BX332K	C052K332K1X5CA	3300	100	.30	.24	.188	.15
80-CK05BX392K	C052K392K1X5CA	3900	100	.30	.24	.188	.15
80-CK05BX472K	C052K472K1X5CA	4700	100	.30	.24	.188	.15
80-CK05BX562K	C052K562K1X5CA	5600	100	.30	.24	.188	.15
80-CK05BX682K	C052K682K1X5CA	6800	100	.40	.31	.26	.205
80-CK05BX822K	C052K822K1X5CA	8200	100	.40	.31	.26	.205
80-CK05BX103K	C052K103K1X5CA	0.10µF	100	.34	.256	.219	.181
80-CK05BX123K	C052K123K5X5CA	.012µF	50	.50	.39	.33	.26
80-CK05BX153K	C052K153K5X5CA	.015µF	50	.50	.39	.33	.26
80-CK05BX223K	C052K223K5X5CA	.022µF	50	.50	.39	.33	.26
80-CK05BX273K	C052K273K5X5CA	.027µF	50	.50	.39	.33	.26
80-CK05BX333K	C052K333K5X5CA	.033µF	50	.42	.41	.39	.29
80-CK05BX393K	C052K393K5X5CA	.039µF	50	.42	.41	.39	.29
80-CK05BX473K	C052K473K5X5CA	.047µF	50	.42	.41	.39	.29
80-CK05BX563K	C052K563K5X5CA	.056µF	50	.42	.41	.39	.29
80-CK05BX683K	C052K683K5X5CA	.068µF	50	.42	.41	.39	.29
80-CK05BX104K	C052K104K5X5CA	0.1µF	50	.57	.451	.385	.297

### CK06 Series For quantities greater than listed, call for quote.

MOUSER STOCK NO.	KEMET Part Number	Value (pF)	Volt (DC)	Price Each			
				1	10	100	200
80-CK06BX152K	C062K152K2X5CA	1500	200	.34	.28	.21	.17
80-CK06BX222K	C062K222K2X5CA	2200	200	.34	.28	.21	.17
80-CK06BX332K	C062K332K2X5CA	3300	200	.34	.28	.21	.17
80-CK06BX392K	C062K392K2X5CA	3900	200	.34	.28	.21	.17
80-CK06BX472K	C062K472K2X5CA	4700	200	.34	.28	.21	.17
80-CK06BX682K	C062K682K2X5CA	6800	200	.34	.28	.21	.17
80-CK06BX103K	C062K103K2X5CA	.01µF	200	.35	.264	.226	.187
80-CK06BX223K	C062K223K1X5CA	.022µF	100	.52	.40	.34	.27
80-CK06BX333K	C062K333K1X5CA	.033µF	100	.57	.44	.37	.29
80-CK06BX473K	C062K473K1X5CA	.047µF	100	.57	.44	.37	.29
80-CK06BX683K	C062K683K1X5CA	.068µF	100	.57	.44	.37	.29
80-CK06BX104K	C062K104K1X5CA	0.1µF	100	.51	.407	.341	.267
80-CK06BX154K	C062K154K5X5CA	.15µF	50	1.45	1.11	.94	.74
80-CK06BX224K	C062K224K5X5CA	.22µF	50	1.70	1.30	1.09	.87
80-CK06BX274K	C062K274K5X5CA	.27µF	50	2.20	1.69	1.41	1.12
80-CK06BX334K	C062K334K5X5CA	.33µF	50	2.20	1.69	1.41	1.12
80-CK06BX394K	C062K394K5X5CA	.39µF	50	3.00	2.30	1.93	1.53
80-CK06BX474K	C062K474K5X5CA	.47µF	50	3.00	2.30	1.93	1.53
80-CK06BX564K	C062K564K5X5CA	.56µF	50	3.75	2.88	2.41	1.92
80-CK06BX684K	C062K684K5X5CA	.68µF	50	3.75	2.88	2.41	1.92
80-CK06BX824K	C114K824K5X5CA	.82µF	50	3.50	2.69	2.25	1.79
80-CK06BX105K	C062K105K5X5CA	1.0µF	50	2.77	2.25	1.73	1.38

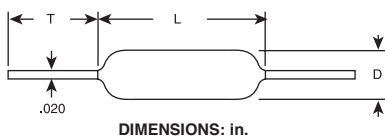
## KEMET C4XX SERIES, "AXIMAX" CONFORMAL COATED AXIAL

### Temperature Characteristics:

- C0G: 0 ±30ppm/°C from -55°C to +125°C
- X7R: ±15% from -55°C to +125°C
- Z5U: +22% from; -56% from +10°C to +85°C

### Specifications:

- Solder coated copper clad steel leads
- Epoxy encapsulated - meets flame test requirements of UL Standard 94V-0
- High-temperature solder - meets EIA RS-198D, Method 302, Condition B (260°C for 10 sec.)



### Temp Coef: C0G, 5% Tolerance

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	KEMET Part Number	Value (pF)	Dimensions: in.			Price Each		
			L	D	T	1	10	100
<b>100 Volt</b>								
80-C410C100J1G	C410C100J1G5CA	10	.170	.100	1.00	.25	.19	.167
80-C410C150J1G	C410C150J1G5CA	15	.170	.100	1.00	.25	.19	.167
80-C410C180J1G	C410C180J1G5CA	18	.170	.100	1.00	.25	.19	.167
80-C410C220J1G	C410C220J1G5CA	22	.170	.100	1.00	.25	.19	.167
80-C410C270J1G	C410C270J1G5CA	27	.170	.100	1.00	.25	.19	.167
80-C410C330J1G	C410C330J1G5CA	33	.170	.100	1.00	.25	.19	.167
80-C410C470J1G	C410C470J1G5CA	47	.170	.100	1.00	.25	.19	.167
80-C410C820J1G	C410C820J1G5CA	82	.170	.100	1.00	.25	.19	.167
80-C410C101J1G	C410C101J1G5CA	100	.170	.100	1.00	.58	.45	.28
80-C410C151J1G	C410C151J1G5CA	150	.170	.100	1.00	.25	.19	.167
80-C410C221J1G	C410C221J1G5CA	220	.170	.100	1.00	.25	.19	.167
80-C410C331J1G	C410C331J1G5CA	330	.170	.100	1.00	.25	.19	.167
80-C410C471J1G	C410C471J1G5CA	470	.170	.100	1.00	.65	.51	.31
80-C410C102J1G	C410C102J1G5CA	1000	.170	.100	1.00	.24	.18	.154
80-C430C332J1G	C430C332J1G5CA	3300	.290	.150	1.00	.90	.77	.52
80-C430C472J1G	C430C472J1G5CA	4700	.290	.150	1.00	.90	.77	.52
<b>200 Volt</b>								
80-C410C220J2G	C410C220J2G5CA	22	.170	.100	1.00	.25	.19	.167
80-C410C330J2G	C410C330J2G5CA	33	.170	.100	1.00	.25	.19	.167
80-C410C101J2G	C410C101J2G5CA	100	.170	.100	1.00	.58	.45	.28

### Temp Coef: X7R, 10% Tolerance

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	KEMET Part Number	Value (pF)	Dimensions: in.			Price Each		
			L	D	T	1	10	100
<b>50 Volt</b>								
80-C410C102K5R	C410C102K5R5CA	0.001	.170	.100	1.00	.32	.22	.13
80-C410C103K5R	C410C103K5R5CA	0.01	.170	.100	1.00	.13	.11	.09
80-C410C223K5R	C410C223K5R5CA	0.022	.170	.100	1.00	.44	.33	.18
80-C410C333K5R	C410C333K5R5CA	0.033	.170	.100	1.00	.44	.33	.18
80-C410C473K5R	C410C473K5R5CA	0.047	.170	.100	1.00	.24	.20	.177
80-C412C104K5R	C412C104K5R5CA	0.1	.170	.120	1.00	.11	.09	.083
80-C430C154K5R	C430C154K5R5CA	0.15	.290	.150	1.00	.77	.41	.35
80-C430C224K5R	C430C224K5R5CA	0.22	.290	.150	1.00	.82	.64	.54
80-C440C474K5R	C440C474K5R5CA	0.47	.400	.150	1.00	1.60	1.30	1.05
<b>100 Volt</b>								
80-C410C821K1R	C410C821K1R5CA	820pF	.170	.100	1.00	.34	.23	.14
80-C410C102K1R	C410C102K1R5CA	1000pF	.170	.100	1.00	.16	.14	.118
80-C410C152K1R	C410C152K1R5CA	1500pF	.170	.100	1.00	.34	.23	.14
80-C410C222K1R	C410C222K1R5CA	2200pF	.170	.100	1.00	.34	.23	.14
80-C410C472K1R	C410C472K1R5CA	4700pF	.170	.100	1.00	.34	.23	.14
80-C410C103K1R	C410C103K1R5CA	0.01	.170	.100	1.00	.47	.40	.21
80-C430C473K1R	C430C473K1R5CA	0.047	.290	.150	1.00	.72	.30	.26
80-C430C104K1R	C430C104K1R5CA	0.1	.290	.150	1.00	.88	.69	.41

### Temp Coef: Z5U, 20% Tolerance

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	KEMET Part Number	Value (pF)	Dimensions: in.			Price Each		
			L	D	T	1	10	100
<b>50 Volt</b>								
80-C410C103M5U	C410C103M5U5CA	0.01	.170	.100	1.00	.12	.09	.08
80-C410C104M5U	C410C104M5U5CA	0.1	.170	.100	1.00	.11	.09	.07
80-C412C334M5U	C412C334M5U5CA	0.33	.170	.120	1.00	.68	.60	.40
80-C420C334M5U	C420C334M5U5CA	0.33	.260	.100	1.00	.68	.56	.36
80-C430C474M5U	C430C474M5U5CA	0.47	.290	.150	1.00	.86	.72	.50
80-C430C105M5U	C430C105M5U5CA	1.0	.290	.150	1.00	.84	.74	.46
80-C440C105M5U	C440C105M5U5CA	1.0	.400	.150	1.00	.65	.53	.44
<b>100 Volt</b>								
80-C410C103M1U	C410C							