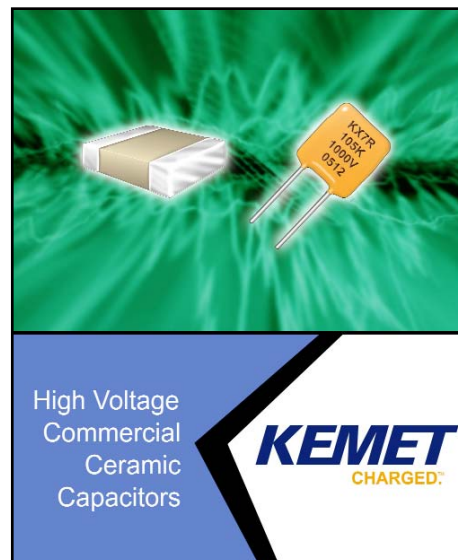
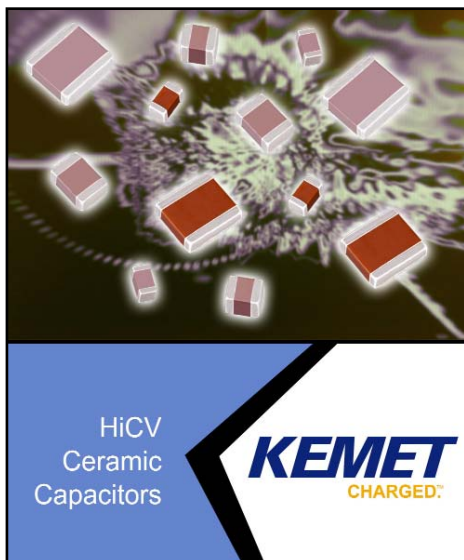




Design a KEMET Ceramic Capacitor into Your Next Project



KEMET currently offers seven distinct Ceramic Engineering Kits which are designed to provide active solutions to the passive component requirements characterized in professional OEM engineering design, prototyping, university lab research, and by hobbyist users. Each kit contains a selection of popular capacitor values and a KEMET catalog which outlines drawings, dimensions, marking format, recommended mounting pad dimensions, and ordering information.

Our current ceramic engineering kit offering includes the following categories:

CER ENG KIT 07 - High Capacitance Value SMT Capacitors

CER ENG KIT 08 - High Voltage Capacitors (Includes both SMT and leaded components)

CER ENG KIT 09 - Open Mode/Fail Safe SMT Capacitors

Each of our Ceramic Engineering Kits contains an assortment of 10-20 popular capacitor values. Quantities of each part type will range from 20 to 100pcs based upon kit type. Each part type will be provided either in bulk or by carrier tape and will be clearly labeled with a KEMET ordering code for ease of identification. Please refer to the appended tables for a complete listing of part types and quantities offered with each of our engineering kits.

Experience the quality and performance of KEMET ceramic capacitors. Order one of KEMET's Ceramic Engineering Kits and see for yourself how well our quality components perform in even the most challenging applications.

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Kit Part Number: CER ENG KIT 07**High Capacitance Value SMT Capacitors - 20 pcs. per Part Number**

KEMET Part Number	EIA Size Code	Capacitance μ F	Tolerance	Voltage	Dielectric
C0402C104K4RAC	0402	0.1	$\pm 10\%$	16	X7R
C0402C105K8PAC	0402	1.0	$\pm 10\%$	10	X5R
C0603C103K2RAC	0603	0.01	$\pm 10\%$	200	X7R
C0603C104K5RAC	0603	0.1	$\pm 10\%$	50	X7R
C0603C105K4PAC	0603	1.0	$\pm 10\%$	16	X5R
C0603C225K9PAC	0603	2.2	$\pm 10\%$	6.3	X5R
C0603C475K9PAC	0603	4.7	$\pm 10\%$	6.3	X5R
C0805C124K1RAC	0805	0.12	$\pm 10\%$	100	X7R
C0805C224K5RAC	0805	0.22	$\pm 10\%$	50	X7R
C0805C225K4RAC	0805	2.2	$\pm 10\%$	16	X7R
C0805C475K4PAC	0805	4.7	$\pm 10\%$	16	X5R
C0805C106K9PAC	0805	10.0	$\pm 10\%$	6.3	X5R
C1206C684K5RAC	1206	0.68	$\pm 10\%$	50	X7R
C1206C105K3RAC	1206	1.0	$\pm 10\%$	25	X7R
C1206C475K3PAC	1206	4.7	$\pm 10\%$	25	X5R
C1206C106K8RAC	1206	10.0	$\pm 10\%$	10	X7R
C1206C106K4PAC	1206	10.0	$\pm 10\%$	16	X5R
C1206C226K9PAC	1206	22.0	$\pm 10\%$	6.3	X5R
C1210C226K4PAC	1210	22.0	$\pm 10\%$	16	X5R
C1210C476M9PAC	1210	47.0	$\pm 20\%$	6.3	X5R

Kit Part Number: CER ENG KIT 08**High Voltage Capacitors - 20 pcs. per Part Number**

KEMET Part Number	EIA Size Code	Termination Profile	Capacitance pF	Tolerance	Voltage	Dielectric
C330C102KGR5TA	Refer to F3101 Catalog for case size dimensions.	Leaded	1000	$\pm 10\%$	2000	X7R
C330C102JHR5TA		Leaded	1000	$\pm 5\%$	3000	X7R
C330C102JDG5TA		Leaded	1000	$\pm 5\%$	1000	C0G
C330C101JHG5TA		Leaded	100	$\pm 5\%$	3000	C0G
C322C473KCR5TA		Leaded	47000	$\pm 10\%$	500	X7R
C322C103JDR5TA		Leaded	10000	$\pm 5\%$	1000	X7R
C322C102KFR5TA		Leaded	1000	$\pm 10\%$	1500	X7R
C322C101JCG5TA		Leaded	100	$\pm 5\%$	500	C0G
C322C471JDG5TA		Leaded	470	$\pm 5\%$	1000	C0G
C0805C101JCGAC	0805	SMT	100	$\pm 5\%$	500	C0G
C1206C472KCRAC	1206	SMT	4700	$\pm 10\%$	500	X7R
C1206C103KCRAC	1206	SMT	10000	$\pm 10\%$	500	X7R
C1206C471JFRAC	1206	SMT	470	$\pm 5\%$	1500	X7R
C1206C331KCGAC	1206	SMT	330	$\pm 10\%$	500	C0G
C1210C103JDRAC	1210	SMT	10000	$\pm 5\%$	1000	X7R
C1808C102KGRAC	1808	SMT	1000	$\pm 10\%$	2000	X7R
C1812C103KCRAC	1812	SMT	10000	$\pm 10\%$	500	X7R
C1812C473KCRAC	1812	SMT	47000	$\pm 10\%$	500	X7R
C1812C102KGRAC	1812	SMT	1000	$\pm 10\%$	2000	X7R
C2225C104KCRAC	2225	SMT	100000	$\pm 10\%$	500	X7R

Kit Part Number: CER ENG KIT 09**Open Mode/Fail Safe SMT Capacitors - 20 pcs. per Part Number**

KEMET Part Number	EIA Size Code	Capacitance μ F	Tolerance	Voltage	Dielectric
C0805F103K5RAC	0805	0.01	$\pm 10\%$	50	X7R
C0805F223K1RAC	0805	0.022	$\pm 10\%$	100	X7R
C0805F473K5RAC	0805	0.047	$\pm 10\%$	50	X7R
C0805F104K5RAC	0805	0.10	$\pm 10\%$	50	X7R
C0805F224K5RAC	0805	0.22	$\pm 10\%$	50	X7R
C0805F474K3RAC	0805	0.47	$\pm 10\%$	25	X7R
C1206F104K1RAC	1206	0.10	$\pm 10\%$	100	X7R
C1206F224K5RAC	1206	0.22	$\pm 10\%$	50	X7R
C1206F105K5RAC	1206	1.0	$\pm 10\%$	50	X7R
C1210F105K5RAC	1206	1.0	$\pm 10\%$	50	X7R