

KEMET Conformal Coated Ceramic Capacitors



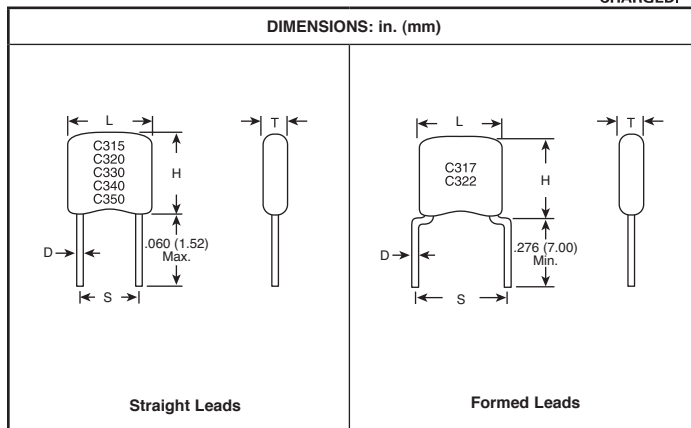
GOLDEN MAX CERAMIC CONFORMAL COATED/RADIAL HIGH VOLTAGE C3XX SERIES

- Temperature characteristics: C0G: 0.15% max. from -55°C to +125°C, X7R: ±15% max. from -55°C to +125°C
- Epoxy encapsulated
- Meets flame test requirements of UL Standard 94V-0



Also available in various lead formations, tolerances, and packaging. Please contact a Mouser Sales Representative for information.

Case Size	DIMENSIONS: in.(mm)				
	L Max.	H Max.	T Max.	S (1) ± 030 (.76)	D + .004 (.10) - .001 (.76)
C315	.150 (3.81)	.210 (5.33)	.100 (2.54)	.100 (2.54)	.020 (.51)
C317	.150 (3.81)	.230 (5.84)	.100 (2.54)	.200 (5.08)	.020 (.51)
C320	.200 (5.08)	.260 (6.60)	.125 (3.18)	.100 (2.54)	.020 (.51)
C322	.200 (5.08)	.260 (6.60)	.125 (3.18)	.200 (5.08)	.020 (.51)
C330	.300 (7.62)	.360 (9.14)	.150 (3.81)	.200 (5.08)	.020 (.51)
C340	.400 (10.16)	.460 (11.68)	.150 (3.81)	.200 (5.08)	.020 (.51)
C350	.500 (12.70)	.560 (14.22)	.200 (5.08)	.400 (10.16)	.025 (.64)



C3XX Series, C0G

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	KEMET Part No.	Value (pF)	Volt	Tol.	Price Each			
					1	25	50	100
80-C315C100KDG	C315C100KDG5TA	10	1000	10%	1.76	1.58	1.40	1.23
80-C315C101KCG	C315C101KCG5TA	100	500	10%	1.72	1.56	1.38	1.21
80-C317C101KDG	C317C101KDG5TA	100	1000	10%	3.66	3.05	2.62	2.15
80-C330C101KDG	C330C101KDG5TA	100	1000	10%	2.50	1.73	1.45	1.18
80-C340C101KGG	C340C101KGG5TA	100	2000	10%	3.50	3.15	2.80	2.45
80-C340C101KHG	C340C101KHG5TA	100	3000	10%	3.14	2.71	2.31	1.96
80-C320C102KDG	C320C102KDG5TA	1000	1000	10%	1.95	1.75	1.56	1.37
80-C322C102KDG	C322C102KDG5TA	1000	1000	10%	1.95	1.75	1.56	1.37
80-C322C332KCG	C322C332KCG5TA	3300	500	10%	1.93	1.74	1.55	1.35
80-C340C103KCG	C340C103KCG5TA	0.01µF	500	10%	2.75	2.37	2.02	1.72

C3XX Series, X7R

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	KEMET Part No.	Value (pF)	Volt	Tol.	Price Each			
					1	25	50	100
80-C317C101KDR	C317C101KDR5TA	100	1000	10%	1.60	1.43	1.28	1.11
80-C340C101KHR	C340C101KHR5TA	100	3000	10%	2.80	2.42	2.06	1.75
80-C322C102KDR	C322C102KDR5TA	1000	1000	10%	1.77	1.60	1.42	1.24
80-C317C332KCR	C317C332KCR5TA	3300	500	10%	3.52	2.94	2.52	2.07
80-C320C103MCR	C320C103MCR5TA	0.01µF	500	20%	.93	.732	.66	.54
80-C322C103KDR	C322C103KDR5TA	0.01µF	1000	10%	1.22	1.10	.983	.863
80-C330C104KCR	C330C104KCR5TA	0.1µF	500	10%	1.93	1.52	1.28	1.25
80-C330C104MCR	C330C104MCR5TA	0.1µF	500	20%	1.51	1.19	.99	.89
80-C330C124KCR	C330C124KCR5TA	0.1µF	500	10%	2.16	1.72	1.54	1.33
80-C340C224MCR	C340C224MCR5TA	0.22µF	500	20%	5.95	4.30	4.00	3.74



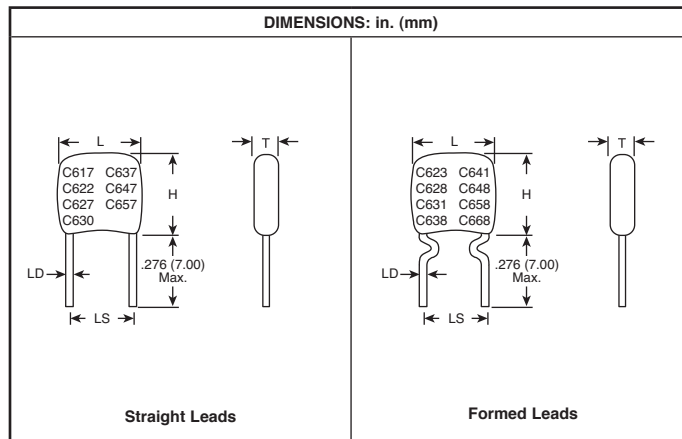
GOLDEN MAX CERAMIC COMMERCIAL HIGH VOLTAGE RADIAL LEADED CAPACITOR C6XX SERIES

- Temperature characteristics: C0G: 0.15% max. from -55°C to +125°C, X7R: ±15% max. from -55°C to +125°C
- Epoxy encapsulated
- Meets flame test requirements of UL Standard 94V-0



Also available in various lead formations, tolerances, and packaging. Please contact a Mouser Sales Representative for information.

Case Size	DIMENSIONS: in.(mm)				
	L Max.	H Max.	T Max.	Lead Spacing	LD (Nominal)
C617	.250 (6.35)	.220 (5.59)	.200 (5.08)	.170 (4.32)	.025 (.64)
C622/3	.320 (8.13)	.280 (7.11)	.250 (6.35)	.220 (5.59)	.025 (.64)
C627/8	.370 (9.40)	.300 (7.62)	.250 (6.35)	.275 (6.98)	.025 (.64)
C630/1	.450 (11.40)	.220 (5.59)	.200 (5.08)	.300 (7.62)	.025 (.64)
C637/8	.470 (11.90)	.400 (10.20)	.270 (6.89)	.375 (9.52)	.025 (.64)
C640	.550 (14.00)	.280 (7.11)	.250 (6.35)	.400 (10.16)	.025 (.64)
C647/8	.570 (14.50)	.500 (12.70)	.270 (6.89)	.475 (12.06)	.025 (.64)
C657/8	.670 (17.02)	.600 (15.24)	.270 (6.89)	.575 (14.60)	.025 (.64)
C668	.770 (19.56)	.720 (18.29)	.270 (6.89)	.675 (17.14)	.025 (.64)



C6XX Series, C0G

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	KEMET Part No.	Value (pF)	Volt	Tol.	Price Each			
					1	25	50	100
80-C622C100KDG	C622C100KDG5TA	10	1000	10%	10.51	9.24	8.09	6.93
80-C622C102JDG	C622C102JDG5TA	1000	1000	5%	10.51	9.24	8.09	6.93
80-C627C102KGG	C627C102KGG5TA	1000	2000	10%	11.33	9.96	8.72	7.47
80-C630C102KGG	C630C102KGG5TA	1000	2000	10%	12.74	11.20	9.80	8.40
80-C637C102KGG	C637C102KGG5TA	1000	2000	10%	12.74	11.20	9.80	8.40
80-C638C102KHG	C638C102KHG5TA	1000	3000	10%	16.06	14.12	12.36	10.59
80-C657C102JGG	C657C102JGG5TA	1000	2000	5%	39.69	33.08	29.77	26.46
80-C657C472JGG	C657C472JGG5TA	4700	2000	5%	39.69	33.08	29.77	26.46
80-C657C103JGG	C657C103JGG5TA	0.01µF	2000	5%	39.69	33.08	34.00	31.46
80-C667C103KGG	C667C103KGG5TA	0.01µF	2000	10%	43.50	36.25	32.63	29.00
80-C668C103KGG	C668C103KGG5TA	0.01µF	2000	10%	43.50	36.25	32.63	29.00

C6XX Series, X7R

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	KEMET Part No.	Value (pF)	Volt	Tol.	Price Each			
					1	25	50	100
80-C617C102KDR	C617C102KDR5TA	1000	1000	10%	8.89	7.11	6.23	5.69
80-C628C102KDR	C628C102KDR5TA	1000	3000	10%	11.33	9.96	8.72	7.47
80-C630C102KDR	C630C102KDR5TA	1000	1000	10%	12.74	11.20	9.80	8.40
80-C630C102KHR	C630C102KHR5TA	1000	3000	10%	12.74	11.20	9.80	8.40
80-C637C103KDR	C637C103KDR5TA	1000	2000	10%	16.06	14.12	12.36	10.59

C6XX Series, X7R (Cont.)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	KEMET Part No.	Value (pF)	Volt	Tol.	Price Each			
					1	25	50	100
0-C617C102KDR	C617C102KDR5TA	1000	1000	10%	8.89	7.11	6.23	5.69
80-C628C102KHR	C628C102KHR5TA	1000	3000	10%	11.33	9.96	8.72	7.47
80-C630C102KDR	C630C102KDR5TA	1000	1000	10%	12.74	11.20	9.80	8.40
80-C630C102KHR	C630C102KHR5TA	1000	3000	10%	12.74	11.20	9.80	8.40
80-C637C102KGR	C637C102KGR5TA	1000	2000	10%	16.06	14.12	12.36	10.59
80-C638C102KGR	C638C102KGR5TA	1000	2000	10%	16.06	14.12	12.36	10.59
80-C628C472KDR	C628C472KDR5TA	4700	1000	10%	11.33	9.96	8.72	7.47
80-C628C472KHR	C628C472KHR5TA	4700	3000	10%	11.33	9.96	8.72	7.47
80-C617C103KDR	C617C103KDR5TA	0.01µF	1000	10%	8.89	7.11	6.23	5.69
80-C627C103KDR	C627C103KDR5TA	0.01µF	1000	10%	11.33	9.96	8.72	7.47
80-C628C103KGR	C628C103KGR5TA	0.01µF	2000	10%	11.55	10.19	8.95	7.70
80-C631C103KDR	C631C103KDR5TA	0.01µF	1000	10%	12.74	11.20	9.80	8.40
80-C638C103KGR	C638C103KGR5TA	0.01µF	2000	10%	16.06	14.12	12.36	10.59
80-C617C123KDR	C617C123KDR5TA	0.012µF	1000	10%	9.83	8.64	7.56	6.48
80-C638C473KDR	C638C473KDR5TA	0.047µF	1000	10%	16.06	14.12	12.36	10.59
80-C638C104KDR	C638C104KDR5TA	0.1µF	1000	10%	16.06	14.12	12.36	10.59
80-C641C104KDR	C641C104KDR5TA	0.1µF	1000	10%	17.84	15.68	13.72	11.76
80-C648C104KDR	C648C104KDR5TA	0.1µF	1000	10%	30.30	26.64	23.31	19.98
80-C658C104KDR	C658C104KDR5TA	0.1µF	1000	10%	39.69	33.08	29.77	26.46
80-C658C104KGR	C658C104KGR5TA	0.1µF	2000	10%	43.50	36.25	32.63	29.00
80-C647C105KCR	C647C105KCR5TA	1.0µF	500	10%	30.30	26.64	23.31	19.98
80-C648C105KCR	C648C105KCR5TA	1.0µF	500	10%	33.30	29.64	26.31	22.98
80-C657C105KCR	C657C105KCR5TA	1.0µF	500	10%	30.30	26.64	23.31	19.98
80-C658C105KCR	C658C105KCR5TA	1.0µF	500	10%	39.69	33.08	29.77	26.46
80-C668C105KDR	C668C105KDR5TA	1.0µF	1000	10%	39.69	33.08	29.77	26.46