

# KEMET Multilayer Ceramic Capacitors



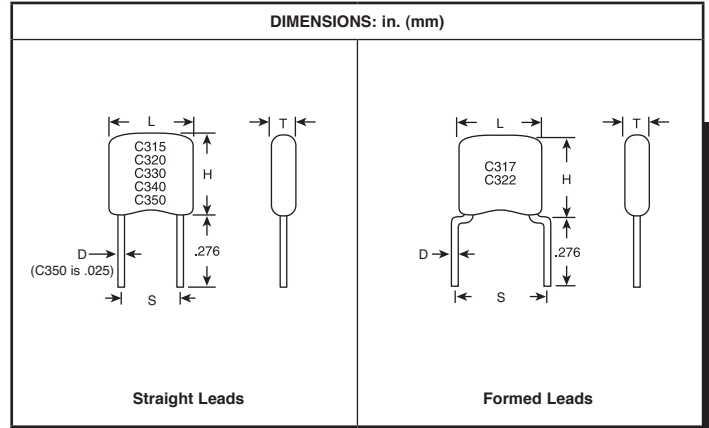
CERAMIC "GOLDEN MAX" CONFORMAL COATED, RADIAL, X7R AND Z5U

- Temperature Characteristics: X7R: ±15% from -55°C to +125°C, Z5U: +22%, -56% from +10°C to +85°C
- Meets flame test requirements of UL Standard 94V-0.
- Epoxy Encapsulated

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



DIMENSIONS: in.(mm)					
Case Size	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)
C323	.200 (5.08)	.320 (8.13)	.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)



## X7R

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	KEMET Part No.	Value (pF)	Volt	Tol.	Price Each			
					1	100	500	1000
80-C315C101K2R	C315C101K2R5TA	100	200	10%	.34	.14	.105	.089
80-C317C101K2R	C317C101K2R5TA	100	200	10%	.34	.14	.105	.089
80-C315C221K2R	C315C221K2R5TA	220	200	10%	.37	.15	.115	.097
80-C315C331K1R	C315C331K1R5TA	330	100	10%	.35	.13	.095	.083
80-C315C471K1R	C315C471K1R5TA	470	100	10%	.35	.13	.095	.083
80-C315C471K2R	C315C471K2R5TA	470	200	10%	.37	.15	.115	.097
80-C315C102K5R	C315C102K5R5TA	1000	50	10%	.32	.12	.087	.076
80-C315C102K1R	C315C102K1R5TA	1000	100	10%	.30	.11	.082	.072
80-C315C102K2R	C315C102K2R5TA	1000	200	10%	.34	.14	.105	.089
80-C317C102K1R	C317C102K1R5TA	1000	100	10%	.32	.12	.087	.076
80-C317C102K2R	C317C102K2R5TA	1000	200	10%	.34	.14	.105	.089
80-C322C102K2R	C322C102K2R5TA	1000	200	10%	.35	.14	.108	.091
80-C315C152K1R	C315C152K1R5TA	1500	100	10%	.35	.13	.095	.083
80-C315C222K1R	C315C222K1R5TA	2200	100	10%	.35	.13	.095	.083
80-C317C222K1R	C317C222K1R5TA	2200	100	10%	.35	.13	.095	.083
80-C320C222K2R	C320C222K2R5TA	2200	200	10%	.38	.15	.119	.10
80-C322C222K2R	C322C222K2R5TA	2200	200	10%	.35	.15	.119	.10
80-C315C332K5R	C315C332K5R5TA	3300	50	10%	.35	.13	.095	.083
80-C315C332K1R	C315C332K1R5TA	3300	100	10%	.35	.13	.095	.083
80-C317C332K1R	C317C332K1R5TA	3300	100	10%	.35	.13	.095	.083
80-C315C472K5R	C315C472K5R5TA	4700	50	10%	.32	.13	.099	.083
80-C315C472K1R	C315C472K1R5TA	4700	100	10%	.32	.13	.099	.083
80-C317C472K1R	C317C472K1R5TA	4700	100	10%	.32	.13	.099	.083
80-C320C472K2R	C320C472K2R5TA	4700	200	10%	.41	.17	.129	.109
80-C322C472K1R	C322C472K1R5TA	4700	100	10%	.33	.13	.101	.085
80-C322C472K2R	C322C472K2R5TA	4700	200	10%	.41	.17	.129	.109
80-C315C682K1R	C315C682K1R5TA	6800	100	10%	.32	.13	.099	.083
80-C315C103K5R	C315C103K5R5TA	.01µF	50	10%	.30	.11	.082	.072
80-C315C103K1R	C315C103K1R5TA	.01µF	100	10%	.35	.13	.095	.083
80-C317C103K5R	C317C103K5R5TA	.01µF	50	10%	.30	.11	.082	.072
80-C317C103K1R	C317C103K1R5TA	.01µF	100	10%	.35	.13	.095	.083
80-C320C103K5R	C320C103K5R5TA	10000	50	10%	.32	.12	.088	.077
80-C320C103K2R	C320C103K2R5TA	.01µF	200	10%	.38	.15	.119	.10
80-C322C103K5R	C322C103K5R5TA	.01µF	50	10%	.32	.12	.088	.077
80-C322C103K1R	C322C103K1R5TA	.01µF	100	10%	.29	.12	.091	.077
80-C322C103K2R	C322C103K2R5TA	.01µF	200	10%	.38	.15	.119	.10
80-C315C153K5R	C315C153K5R5TA	.015µF	50	10%	.32	.13	.099	.083
80-C320C153K1R	C320C153K1R5TA	.015µF	100	10%	.36	.14	.111	.094
80-C315C223K5R	C315C223K5R5TA	.022µF	50	10%	.34	.14	.106	.089
80-C320C223K1R	C320C223K1R5TA	.022µF	100	10%	.41	.17	.129	.109
80-C322C223K5R	C322C223K5R5TA	.022µF	50	10%	.35	.14	.108	.091
80-C320C273K5R	C320C273K5R5TA	27000	50	10%	.35	.14	.108	.091
80-C315C333K5R	C315C333K5R5TA	.033µF	50	10%	.34	.14	.106	.089
80-C320C333K1R	C320C333K1R5TA	.033µF	100	10%	.41	.17	.129	.109
80-C322C333K5R	C322C333K5R5TA	.033µF	50	10%	.35	.14	.108	.091
80-C320C473K5R	C320C473K5R5TA	.047µF	50	10%	.40	.16	.123	.104
80-C320C473K1R	C320C473K1R5TA	.047µF	100	10%	.41	.19	.142	.121
80-C322C473K5R	C322C473K5R5TA	.047µF	50	10%	.40	.16	.123	.104
80-C322C473K1R	C322C473K1R5TA	.047µF	100	10%	.41	.19	.142	.121
80-C320C683K5R	C320C683K5R5TA	.068µF	50	10%	.40	.16	.123	.104
80-C322C683K5R	C322C683K5R5TA	.068µF	50	10%	.40	.16	.123	.104
80-C320C104K5R	C320C104K5R5TA	0.1µF	50	10%	.32	.13	.10	.085
80-C320C104J5R	C320C104J5R5TA	0.1µF	50	5%	.23	.14	.113	.099

## X7R (Cont.)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	KEMET Part No.	Value (pF)	Volt	Tol.	Price Each			
					1	100	500	1000
80-C320C104K1R	C320C104K1R5TA	0.1µF	100	10%	.41	.19	.142	.121
80-C320C104M5R	C320C104M5R5TA	0.1µF	50	20%	.14	.09	.068	.06
80-C322C104K5R	C322C104K5R5TA	0.1µF	50	10%	.32	.13	.10	.085
80-C322C104K1R	C322C104K1R5TA	0.1µF	100	10%	.41	.19	.142	.121
80-C330C104K1R	C330C104K1R5TA	0.1µF	100	10%	.49	.22	.169	.144
80-C330C104M1R	C330C104M1R5TA	0.1µF	100	10%	.45	.31	.225	.187
80-C330C104K2R	C330C104K2R5TA	0.1µF	200	10%	.86	.46	.36	.31
80-C320C154K5R	C320C154K5R5TA	0.15µF	50	10%	.45	.20	.154	.131
80-C322C154K5R	C322C154K5R5TA	0.15µF	50	10%	.45	.20	.154	.131
80-C320C224K5R	C320C224K5R5TA	0.22µF	50	10%	.65	.30	.201	.182
80-C322C224K5R	C322C224K5R5TA	0.22µF	50	10%	.65	.30	.201	.182
80-C340C224K2R	C340C224K2R5TA	0.22µF	200	10%	3.32	2.04	1.56	1.36
80-C322C274K5R	C322C274K5R5TA	0.27µF	50	10%	.42	.30	.27	.24
80-C330C334K5R	C330C334K5R5TA	0.33µF	50	10%	.83	.41	.33	.28
80-C340C474K1R	C340C474K1R5TA	0.47µF	100	10%	1.48	.97	.70	.59
80-C330C474K5R	C330C474K5R5TA	0.47µF	50	10%	.83	.56	.33	.28
80-C330C105K5R	C330C105K5R5TA	1.0µF	50	10%	1.12	.69	.53	.44
80-C340C105K5R	C340C105K5R5TA	1.0µF	50	10%	1.06	.63	.51	.45
80-C340C105K1R	C340C105K1R5TA	1.0µF	100	10%	3.32	2.16	1.71	1.36
80-C340C155K5R	C340C155K5R5TA	1.5µF	50	10%	2.54	1.56	1.19	1.04
80-C340C225K5R	C340C225K5R5TA	2.2µF	50	10%	3.27	2.33	1.68	1.30

## Z5U

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	KEMET Part No.	Value (pF)	Volt	Tol.	Price Each			
					1	100	500	1000
80-C315C102M1U	C315C102M1U5TA	1000	100	20%	.31	.12	.085	.075
80-C315C222M1U	C315C222M1U5TA	2200	100	20%	.34	.13	.093	.082
80-C315C103M1U	C315C103M1U5TA	0.01µF	100	20%	.31	.12	.085	.075
80-C317C103M5U	C317C103M5U5TA	0.01µF	50	20%	.30	.11	.082	.072
80-C320C103M5U	C320C103M5U5TA	0.01µF	50	20%	.30	.11	.082	.072
80-C315C473M5U	C315C473M5U5TA	.047µF	50	20%	.33	.12	.091	.079
80-C315C104M5U	C315C104M5U5TA	0.1µF	50	20%	.30	.11	.082	.072
80-C317C104M5U	C317C104M5U5TA	0.1µF	50	20%	.90	.11	.082	.072
80-C320C104M1U	C320C104M1U5TA	0.1µF	100	20%	.31	.13	.098	.083
80-C320C224M5U	C320C224M5U5TA	0.22µF	50	20%	.48	.20	.15	.126
80-C320C334M5U	C320C334M5U5TA	0.33µF	50	20%	.48	.20	.15	.126
80-C320C474M5U	C320C474M5U5TA	0.47µF	50	20%	.49	.22	.168	.142
80-C340C105M1U	C340C105M1U5TA	1.0µF	100	20%	2.25	1.38	1.05	.93
80-C330C155M5U	C330C155M5U5TA	1.5µF	50	20%	.95	.55	.40	.35
80-C340C225M5U	C340C225M5U5TA	2.2µF	50	20%	2.27	1.40	1.10	.93
80-C340C335M5U	C340C335M5U5TA	3.3µF	50	20%	2.91	2.08	1.50	1.16
80-C340C475M5U	C340C475M5U5TA	4.7µF	50	20%	3.12	1.96	1.45	1.35