

# KEMET Commercial Grade Multilayer Ceramic Chip Capacitors

Electronic Components



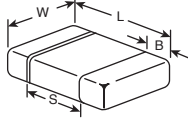
CHARGED!

## COMMERCIAL GRADE (CONT.)

KEMET MLCs offer tremendous performance, reliability and cost advantages for circuit designers. Our comprehensive line of SMT and through-hole devices are utilized in a wide variety of computer, telecommunications, automotive, military, medical and consumer electronics. Primary applications include decoupling, filtering, bypassing and smoothing

\* Operating Temperature Range: -55°C to +125°C

This page of product is RoHS compliant.



For quantities greater than listed, call for quote.

Size Code		DIMENSIONS: mm (in.)			
EIA	Metric	L (Length)	W (Width)	B (Bandwidth)	S (Separation)
0603	1608	1.60±0.17 (0.064±0.007)	0.80±0.15 (0.032±0.006)	0.45±0.15 (0.018±0.006)	0.58 (0.023)
0805	2012	2.00±0.20 (0.079±0.008)	1.25±0.20 (0.049±0.008)	0.50±0.25 (0.02±0.010)	0.75 (0.030)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	KEMET Part No.	Value (pF)	Volt (V)	Temp. Coeff.	Tol. (±)	Price Each	
						1	100
<b>Case Size 0603 (1608 Metric) (Cont.)</b>							
80-C0603C104Z3V	C0603C104Z3VACTU	0.1µF	25	Y5V	-20/+80	.10	.007
80-C0603C154Z3V	C0603C154Z3VACTU	0.15µF	25	Y5V	-20/+80	.25	.07
80-C0603C224Z4V	C0603C224Z4VACTU	0.22µF	16	Y5V	-20/+80	.10	.016
80-C0603C334Z4V	C0603C334Z4VACTU	0.33µF	16	Y5V	-20/+80	.26	.072
80-C0603C334Z3V	C0603C334Z3VACTU	0.33µF	25	Y5V	-20/+80	.30	.083
80-C0603C474Z8V	C0603C474Z8VACTU	0.47µF	10	Y5V	-20/+80	.25	.071
80-C0603C105Z9V	C0603C105Z9VACTU	1µF	6.3	Y5V	-20/+80	.10	.023
80-C0603C105Z8V	C0603C105Z8VACTU	1µF	10	Y5V	-20/+80	.10	.016
<b>Case Size 0805 (2012 Metric)</b>							
80-C0805C109C5G	C0805C109C5GACTU	1	50	COG (NPO)	0.25pF	.34	.093
80-C0805C189C5G	C0805C189C5GACTU	1.8	50	COG (NPO)	0.25pF	.39	.107
80-C0805C209C5G	C0805C209C5GACTU	2	50	COG (NPO)	0.25pF	.34	.108
80-C0805C229C5G	C0805C229C5GACTU	2.2	50	COG (NPO)	0.25pF	.34	.093
80-C0805C229C1G	C0805C229C1GACTU	2.2	100	COG (NPO)	0.25pF	.32	.131
80-C0805C279C5G	C0805C279C5GACTU	2.7	50	COG (NPO)	0.25pF	.34	.093
80-C0805C339C5G	C0805C339C5GACTU	3.3	50	COG (NPO)	0.25pF	.34	.093
80-C0805C339C5G	C0805C339C5GACTU	3.9	50	COG (NPO)	0.25pF	.34	.093
80-C0805C479C5G	C0805C479C5GACTU	4.7	50	COG (NPO)	0.25pF	.34	.093
80-C0805C479D5G	C0805C479D5GACTU	4.7	50	COG (NPO)	0.5pF	.24	.06
80-C0805C569C5G	C0805C569C5GACTU	5.6	50	COG (NPO)	0.25pF	.34	.108
80-C0805C569D5G	C0805C569D5GACTU	5.6	50	COG (NPO)	0.5pF	.24	.06
80-C0805C569J5G	C0805C569J5GACTU	5.6	50	COG (NPO)	5	.43	.12
80-C0805C689C5G	C0805C689C5GACTU	6.8	50	COG (NPO)	0.25pF	.36	.115
80-C0805C829C5G	C0805C829C5GACTU	8.2	50	COG (NPO)	0.25pF	.44	.14
80-C0805C100C5G	C0805C100C5GACTU	10	50	COG (NPO)	0.25pF	.48	.153
80-C0805C100J5G	C0805C100J5GACTU	10	50	COG (NPO)	5	.10	.022
80-C0805C100K5G	C0805C100K5GACTU	10	50	COG (NPO)	10	.10	.018
80-C0805C100D1G	C0805C100D1GACTU	10	100	COG (NPO)	0.5pF	.35	.087
80-C0805C100J1G	C0805C100J1GACTU	10	100	COG (NPO)	5	.16	.037
80-C0805C100K1G	C0805C100K1GACTU	10	100	COG (NPO)	10	.27	.066
80-C0805C100JCG	C0805C100JCGACTU	10	500	COG (NPO)	5	.36	.114
80-C0805C100JDG	C0805C100JDGACTU	10	1000	COG (NPO)	5	.36	.101
80-C0805C120J5G	C0805C120J5GACTU	12	50	COG (NPO)	5	.12	.029
80-C0805C150J5G	C0805C150J5GACTU	15	50	COG (NPO)	5	.12	.028
80-C0805C150K5G	C0805C150K5GACTU	15	50	COG (NPO)	10	.18	.045
80-C0805C150G1G	C0805C150G1GACTU	15	100	COG (NPO)	2	.65	.229
80-C0805C150J1G	C0805C150J1GACTU	15	100	COG (NPO)	5	.28	.069
80-C0805C180G5G	C0805C180G5GACTU	18	50	COG (NPO)	2	.48	.199
80-C0805C180J5G	C0805C180J5GACTU	18	50	COG (NPO)	5	.11	.027
80-C0805C180K5G	C0805C180K5GACTU	18	50	COG (NPO)	10	.22	.057
80-C0805C200G5G	C0805C200G5GACTU	20	50	COG (NPO)	2	.59	.206
80-C0805C200J5G	C0805C200J5GACTU	20	50	COG (NPO)	5	.29	.072
80-C0805C220G5G	C0805C220G5GACTU	22	50	COG (NPO)	2	.49	.172
80-C0805C220J5G	C0805C220J5GACTU	22	50	COG (NPO)	5	.10	.016
80-C0805C220K5G	C0805C220K5GACTU	22	50	COG (NPO)	10	.10	.021
80-C0805C220J1G	C0805C220J1GACTU	22	100	COG (NPO)	5	.10	.02
80-C0805C220K1G	C0805C220K1GACTU	22	100	COG (NPO)	10	.27	.066
80-C0805C220J2G	C0805C220J2GACTU	22	200	COG (NPO)	5	.22	.052
80-C0805C220JCG	C0805C220JCGACTU	22	500	COG (NPO)	5	.36	.116
80-C0805C220JDG	C0805C220JDGACTU	22	1000	COG (NPO)	5	.38	.123
80-C0805C240J5G	C0805C240J5GACTU	24	50	COG (NPO)	5	.31	.114
80-C0805C270G5G	C0805C270G5GACTU	27	50	COG (NPO)	2	.51	.213
80-C0805C270J5G	C0805C270J5GACTU	27	50	COG (NPO)	5	.10	.02
80-C0805C270K5G	C0805C270K5GACTU	27	50	COG (NPO)	10	.10	.019
80-C0805C300J5G	C0805C300J5GACTU	30	50	COG (NPO)	5	.29	.072
80-C0805C300J1G	C0805C300J1GACTU	30	100	COG (NPO)	5	.26	.074
80-C0805C330F5G	C0805C330F5GACTU	33	50	COG (NPO)	1	.88	.329
80-C0805C330G5G	C0805C330G5GACTU	33	50	COG (NPO)	2	.48	.199
80-C0805C330J5G	C0805C330J5GACTU	33	50	COG (NPO)	5	.10	.017
80-C0805C330K5G	C0805C330K5GACTU	33	50	COG (NPO)	10	.10	.021
80-C0805C330J1G	C0805C330J1GACTU	33	100	COG (NPO)	5	.11	.026
80-C0805C330JDG	C0805C330JDGACTU	33	1000	COG (NPO)	5	.37	.103
80-C0805C390G5G	C0805C390G5GACTU	39	50	COG (NPO)	2	.54	.189
80-C0805C390J5G	C0805C390J5GACTU	39	50	COG (NPO)	5	.10	.02
80-C0805C470G5G	C0805C470G5GACTU	47	50	COG (NPO)	2	.48	.199
80-C0805C470J5G	C0805C470J5GACTU	47	50	COG (NPO)	5	.10	.016
80-C0805C470K5G	C0805C470K5GACTU	47	50	COG (NPO)	10	.10	.019
80-C0805C470J1G	C0805C470J1GACTU	47	100	COG (NPO)	5	.16	.037
80-C0805C510J5G	C0805C510J5GACTU	51	50	COG (NPO)	5	.29	.072
80-C0805C560J5G	C0805C560J5GACTU	56	50	COG (NPO)	5	.10	.023
80-C0805C680G5G	C0805C680G5GACTU	68	50	COG (NPO)	5	.50	.204
80-C0805C680J5G	C0805C680J5GACTU	68	50	COG (NPO)	2	.10	.02
80-C0805C750J5G	C0805C750J5GACTU	75	50	COG (NPO)	5	.33	.119
80-C0805C820G5G	C0805C820G5GACTU	82	50	COG (NPO)	2	.49	.172
80-C0805C820J5G	C0805C820J5GACTU	82	50	COG (NPO)	5	.12	.028
80-C0805C820J1G	C0805C820J1GACTU	82	100	COG (NPO)	5	.28	.069
80-C0805C910J1G	C0805C910J1GACTU	91	100	COG (NPO)	5	.33	.092
80-C0805C101G5G	C0805C101G5GACTU	100	50	COG (NPO)	2	.49	.172
80-C0805C101J5G	C0805C101J5GACTU	100	50	COG (NPO)	5	.10	.015

MOUSER STOCK NO.	KEMET Part No.	Value (pF)	Volt (V)	Temp. Coeff.	Tol. (±)	Price Each	
						1	100
<b>Case Size 0805 (2012 Metric) (Cont.)</b>							
80-C0805C101K5G	C0805C101K5GACTU	100	50	COG (NPO)	10	.10	.018
80-C0805C101G1G	C0805C101G1GACTU	100	100	COG (NPO)	2	.57	.199
80-C0805C101J1G	C0805C101J1GACTU	100	100	COG (NPO)	5	.10	.024
80-C0805C101J1GAL	C0805C101J1GACTU	100	100	COG (NPO)	5	.33	.092
80-C0805C101K1G	C0805C101K1GACTU	100	100	COG (NPO)	10	.27	.066
80-C0805C101J2G	C0805C101J2GACTU	100	200	COG (NPO)	5	.16	.037
80-C0805C101JCG	C0805C101JCGACTU	100	500	COG (NPO)	5	.37	.118
80-C0805C101KDG	C0805C101KDGACTU	100	1000	COG (NPO)	10	.36	.115
80-C0805C121J5G	C0805C121J5GACTU	120	50	COG (NPO)	5	.10	.021
80-C0805C151J5G	C0805C151J5GACTU	150	50	COG (NPO)	2	.54	.189
80-C0805C151J5G	C0805C151J5GACTU	150	50	COG (NPO)	5	.10	.018
80-C0805C151J1G	C0805C151J1GACTU	150	100	COG (NPO)	5	.24	.067
80-C0805C181G5G	C0805C181G5GACTU	180	50	COG (NPO)	2	.54	.189
80-C0805C181J5G	C0805C181J5GACTU	180	50	COG (NPO)	5	.12	.028
80-C0805C201J5G	C0805C201J5GACTU	200	50	COG (NPO)	5	.27	.108
80-C0805C221J5G	C0805C221J5GACTU	220	50	COG (NPO)	5	.10	.024
80-C0805C221K5G	C0805C221K5GACTU	220	50	COG (NPO)	10	.10	.025
80-C0805C221G1G	C0805C221G1GACTU	220	100	COG (NPO)	2	.74	.26
80-C0805C221J1G	C0805C221J1GACTU	220	100	COG (NPO)	5	.18	.045
80-C0805C221K1G	C0805C221K1GACTU	220	100	COG (NPO)	10	.25	.069
80-C0805C221JDG	C0805C221JDGACTU	220	1000	COG (NPO)	5	.80	.307
80-C0805C271J5G	C0805C271J5GACTU	270	50	COG (NPO)	5	.11	.027
80-C0805C271J1G	C0805C271J1GACTU	270	100	COG (NPO)	5	.26	.104
80-C0805C301J5G	C0805C301J5GACTU	300	50	COG (NPO)	5	.30	.083
80-C0805C331J5G	C0805C331J5GACTU	330	50	COG (NPO)	5	.10	.02
80-C0805C331J1G	C0805C331J1GACTU	330	100	COG (NPO)	5	.16	.037
80-C0805C391J5G	C0805C391J5GACTU	390	50	COG (NPO)	5	.12	.028
80-C0805C471G5G	C0805C471G5GACTU	470	50	COG (NPO)	2	.69	.241
80-C0805C471J5G	C0805C471J5GACTU	470	50	COG (NPO)	5	.11	.027
80-C0805C471K5G	C0805C471K5GACTU	470	50	COG (NPO)	10	.26	.072
80-C0805C471J1G	C0805C471J1GACTU	470	100	COG (NPO)	5	.16	.037
80-C0805C471J2G	C0805C471J2GACTU	470	200	COG (NPO)	5	.38	.104
80-C0805C561G5G	C0805C561G5GACTU	560	50	COG (NPO)	2	.75	.263
80-C0805C561J5G							