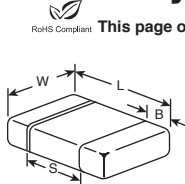


COMMERCIAL GRADE (CONT.)

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
 † High Temp. Operating Temperature Range: -55°C to +150°C
 ‡ High Temp., Standard Temp. Op. Temp. Range: -55°C to +175°C



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)

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
Case Size 0603 (1608 Metric) (Cont.)							
80-C0603C680G5G	C0603C680G5GACTU	68	50	COG (NPO)	2	.51	.214
80-C0603C680J5G	C0603C680J5GACTU	68	50	COG (NPO)	5	.10	.014
80-C0603C680J1G	C0603C680J1GACTU	68	100	COG (NPO)	5	.10	.017
80-C0603C750J5G	C0603C750J5GACTU	75	50	COG (NPO)	5	.24	.067
80-C0603C820J5G	C0603C820J5GACTU	82	50	COG (NPO)	5	.10	.014
80-C0603C820K5G	C0603C820K5GACTU	82	50	COG (NPO)	10	.24	.06
80-C0603C910J5G	C0603C910J5GACTU	91	50	COG (NPO)	5	.24	.067
80-C0603C101J5G	C0603C101J5GACTU	100	50	COG (NPO)	5	.10	.01
80-C0603C101J5GAL	C0603C101J5GALTU	100	50	COG (NPO)	5	.62	.219
80-C0603C101K5G	C0603C101K5GACTU	100	50	COG (NPO)	10	.10	.01
80-C0603C101J1G	C0603C101J1GACTU	100	100	COG (NPO)	5	.10	.014
80-C0603C101K1G	C0603C101K1GACTU	100	100	COG (NPO)	10	.28	.069
80-C0603C121G5G	C0603C121G5GACTU	120	50	COG (NPO)	2	.56	.245
80-C0603C121J5G	C0603C121J5GACTU	120	50	COG (NPO)	5	.10	.014
80-C0603C151G5G	C0603C151G5GACTU	150	50	COG (NPO)	2	.56	.198
80-C0603C151J5G	C0603C151J5GACTU	150	50	COG (NPO)	5	.10	.009
80-C0603C151J1G	C0603C151J1GACTU	150	100	COG (NPO)	5	.10	.014
80-C0603C181J5G	C0603C181J5GACTU	180	50	COG (NPO)	5	.10	.016
80-C0603C181J1G	C0603C181J1GACTU	180	100	COG (NPO)	5	.25	.069
80-C0603C201J5G	C0603C201J5GACTU	200	50	COG (NPO)	5	.29	.08
80-C0603C221J5G	C0603C221J5GACTU	220	50	COG (NPO)	5	.10	.014
80-C0603C221J5GAL	C0603C221J5GALTU	220	50	COG (NPO)	5	.46	.148
80-C0603C221K5G	C0603C221K5GACTU	220	50	COG (NPO)	10	.29	.072
80-C0603C271J5G	C0603C271J5GACTU	270	50	COG (NPO)	5	.10	.017
80-C0603C271K5G	C0603C271K5GACTU	270	50	COG (NPO)	10	.28	.106
80-C0603C301J5G	C0603C301J5GACTU	300	50	COG (NPO)	5	.31	.086
80-C0603C331J5G	C0603C331J5GACTU	330	50	COG (NPO)	5	.10	.015
80-C0603C331K5G	C0603C331K5GACTU	330	50	COG (NPO)	10	.25	.069
80-C0603C391J5G	C0603C391J5GACTU	390	50	COG (NPO)	5	.10	.022
80-C0603C471J5G	C0603C471J5GACTU	470	50	COG (NPO)	5	.10	.015
80-C0603C471K5G	C0603C471K5GACTU	470	50	COG (NPO)	10	.10	.02
80-C0603C561J5G	C0603C561J5GACTU	560	50	COG (NPO)	5	.10	.02
80-C0603C621J5G	C0603C621J5GACTU	620	50	COG (NPO)	5	.34	.093
80-C0603C681J3G	C0603C681J3GACTU	680	25	COG (NPO)	5	.23	.087
80-C0603C681G5G	C0603C681G5GACTU	680	50	COG (NPO)	2	.71	.25
80-C0603C681J5G	C0603C681J5GACTU	680	50	COG (NPO)	5	.10	.022
80-C0603C751J5G	C0603C751J5GACTU	750	50	COG (NPO)	5	.35	.096
80-C0603C821J5G	C0603C821J5GACTU	820	50	COG (NPO)	5	.13	.031
80-C0603C821K5G	C0603C821K5GACTU	820	50	COG (NPO)	10	.35	.097
80-C0603C911J5G	C0603C911J5GACTU	910	50	COG (NPO)	5	.36	.099
80-C0603C102J3G	C0603C102J3GACTU	1000	25	COG (NPO)	5	.10	.012
80-C0603C102K3G	C0603C102K3GACTU	1000	25	COG (NPO)	10	.27	.076
80-C0603C102J5G	C0603C102J5GACTU	1000	50	COG (NPO)	5	.10	.019
80-C0603C102J5GAL	C0603C102J5GALTU	1000	50	COG (NPO)	5	.50	.159
80-C0603C102K5G	C0603C102K5GACTU	1000	50	COG (NPO)	10	.28	.077
80-C0603C103G8GACTU	C0603C103G8GACTU	0.01μF	10	COG (NPO)	2	.85	.325
80-C0603C274K8P	C0603C274K8PACTU	0.27μF	10	X5R	10	.29	.071
80-C0603C334K8P	C0603C334K8PACTU	0.33μF	10	X5R	10	.29	.071
80-C0603C394K8P	C0603C394K8PACTU	0.39μF	10	X5R	10	.29	.071
80-C0603C474K8P	C0603C474K8PACTU	0.47μF	10	X5R	10	.12	.029
80-C0603C564K8P	C0603C564K8PACTU	0.56μF	10	X5R	10	.26	.072
80-C0603C684K8P	C0603C684K8PACTU	0.68μF	10	X5R	10	.22	.054
80-C0603C824K8P	C0603C824K8PACTU	0.82μF	10	X5R	10	.26	.072
80-C0603C105K9P	C0603C105K9PACTU	1μF	6.3	X5R	10	.10	.016
80-C0603C105K8P	C0603C105K8PACTU	1μF	10	X5R	10	.10	.014
80-C0603C105K4P	C0603C105K4PACTU	1μF	16	X5R	10	.11	.027
80-C0603C105K3P	C0603C105K3PACTU	1μF	25	X5R	10	.15	.034
80-C0603C225K9P	C0603C225K9PACTU	2.2μF	6.3	X5R	10	.16	.037
80-C0603C225M9P	C0603C225M9PACTU	2.2μF	6.3	X5R	20	.37	.148
80-C0603C225K8P	C0603C225K8PACTU	2.2μF	10	X5R	10	.18	.045
80-C0603C475K9P	C0603C475K9PACTU	4.7μF	6.3	X5R	10	.13	.031
80-C0603C106M9P	C0603C106M9PACTU	10μF	6.3	X5R	20	.34	.11
80-C0603C221K5R	C0603C221K5RACTU	220	50	X7R	10	.10	.015
80-C0603C271K5R	C0603C271K5RACTU	270	50	X7R	10	.25	.069
80-C0603C331K5R	C0603C331K5RACTU	330	50	X7R	10	.10	.017
80-C0603C391K5R	C0603C391K5RACTU	390	50	X7R	10	.25	.069
80-C0603C471K5R	C0603C471K5RACTU	470	50	X7R	10	.10	.014
80-C0603C471K1R	C0603C471K1RACTU	470	100	X7R	10	.28	.079
80-C0603C561K5R	C0603C561K5RACTU	560	50	X7R	10	.25	.069
80-C0603C681J5R	C0603C681J5RACTU	680	50	X7R	5	.37	.104
80-C0603C681K5R	C0603C681K5RACTU	680	50	X7R	10	.10	.016
80-C0603C821K5R	C0603C821K5RACTU	820	50	X7R	10	.10	.017
80-C0603C102J4R	C0603C102J4RACTU	1000	16	X7R	5	.37	.104
80-C0603C102K4R	C0603C102K4RACTU	1000	16	X7R	10	.10	.008
80-C0603C102J3R	C0603C102J3RACTU	1000	25	X7R	5	.37	.104
80-C0603C102K3R	C0603C102K3RACTU	1000	25	X7R	10	.10	.007
80-C0603C102J5R	C0603C102J5RACTU	1000	50	X7R	5	.10	.013
80-C0603C102K5R	C0603C102K5RACTU	1000	50	X7R	10	.10	.008
80-C0603C102K5RAL	C0603C102K5RALTU	1000	50	X7R	10	.63	.22
80-C0603C102M5R	C0603C102M5RACTU	1000	50	X7R	20	.10	.016

MOUSER STOCK NO.	KEMET Part No.	Value (pF)	Volt (V)	Temp. Coeff.	Tol. (±)	Price Each	
						1	100
Case Size 0603 (1608 Metric) (Cont.)							
80-C0603C102J1R	C0603C102J1RACTU	1000	100	X7R	5	.27	.064
80-C0603C102K1R	C0603C102K1RACTU	1000	100	X7R	10	.10	.016
80-C0603C122K5R	C0603C122K5RACTU	1200	50	X7R	10	.10	.012
80-C0603C152J5R	C0603C152J5RACTU	1500	50	X7R	5	.37	.104
80-C0603C152K5R	C0603C152K5RACTU	1500	50	X7R	10	.10	.012
80-C0603C152K1R	C0603C152K1RACTU	1500	100	X7R	10	.29	.08
80-C0603C182J5R	C0603C182J5RACTU	1800	50	X7R	5	.37	.104
80-C0603C182K5R	C0603C182K5RACTU	1800	50	X7R	10	.10	.018
80-C0603C222J5R	C0603C222J5RACTU	2200	50	X7R	5	.10	.013
80-C0603C222K5R	C0603C222K5RACTU	2200	50	X7R	10	.10	.01
80-C0603C222K1R	C0603C222K1RACTU	2200	100	X7R	10	.10	.014
80-C0603C272J5R	C0603C272J5RACTU	2700	50	X7R	5	.37	.104
80-C0603C272K5R	C0603C272K5RACTU	2700	50	X7R	10	.10	.021
80-C0603C332J5R	C0603C332J5RACTU	3300	50	X7R	5	.22	.054
80-C0603C332K5R	C0603C332K5RACTU	3300	50	X7R	10	.10	.011
80-C0603C332K1R	C0603C332K1RACTU	3300	100	X7R	10	.10	.027
80-C0603C392J5R	C0603C392J5RACTU	3900	50	X7R	5	.37	.104
80-C0603C392K5R	C0603C392K5RACTU	3900	50	X7R	10	.10	.024
80-C0603C472K4R	C0603C472K4RACTU	4700	16	X7R	10	.16	.038
80-C0603C472J5R	C0603C472J5RACTU	4700	50	X7R	5	.10	.012
80-C0603C472K5R	C0603C472K5RACTU	4700	50	X7R	5	.10	.01
80-C0603C472K1R	C0603C472K1RACTU	4700	100	X7R	10	.29	.08
80-C0603C562J5R	C0603C562J5RACTU	5600	50	X7R	5	.37	.104
80-C0603C562K5R	C0603C562K5RACTU	5600	50	X7R	10	.10	.019
80-C0603C562K1R	C0603C562K1RACTU	5600	100	X7R	10	.29	.08
80-C0603C682J5R	C0603C682J5RACTU	6800	50	X7R	5	.37	.104
80-C0603C682K5R	C0603C682K5RACTU	6800	50	X7R	10	.10	.012
80-C0603C682K1R	C0603C682K1RACTU	6800	100	X7R	10	.29	.08
80-C0603C103K8R	C0603C103K8RACTU	0.01μF	10	X7R	10	.25	.063
80-C0603C103J4R	C0603C103J4RACTU	0.01μF	16	X7R	5	.28	.078
80-C0603C103K4R	C0603C103K4RACTU	0.01μF	16	X7R	10	.25	.063
80-C0603C103J3R	C0603C103J3RACTU	0.01μF	25	X7R	5	.28	.078
80-C0603C103K3R	C0603C103K3RACTU	0.01μF	25	X7R	10	.009	.009
80-C0603C103K3RAL	C0603C103K3RALTU	0.01μF	25	X7R	10	.34	.108
80-C0603C103J5R	C0603C103J5RACTU	0.01μF	50	X7R	5	.10	.012
80-C0603C103K5R	C0603C103K5RACTU	0.01μF	50	X7R	10	.10	