

KEMET Ceramic Chip Capacitors

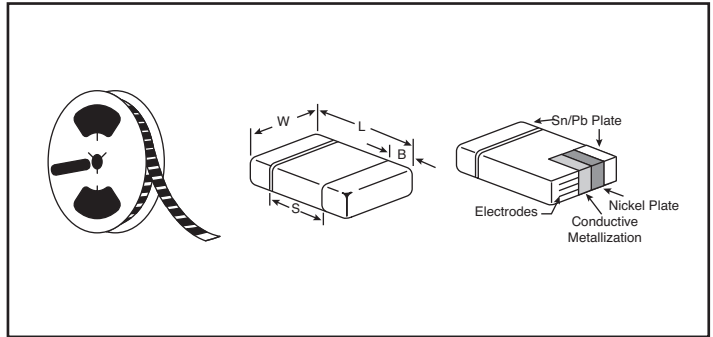


TIN/LEAD TERMINATION CERAMIC CHIP CAPACITORS

This product is RoHS compliant.

KEMET's line of Tin/Lead termination commercial MLCC surface mount capacitors are designed to meet the needs of the commercial, high reliability, where Tin/Lead plating is required. KEMET's Tin/Lead elec-troplating process is designed to meet a 5% minimum lead content in the termination of the component. As the bulk of the electronics industry marches to RoHS compliance it is important that KEMET provide the Tin/Lead terminated products for our valued high reliability customers.

EIA Size Code	Metric Size Code (Ref only)	DIMENSIONS: mm (in.)					Mounting Technique
		L Length	W Width	B Bandwidth	S Min. Separation		
0402	1005	1.0 (.04)	0.5 (.02)	0.20 (0.008)	0.3 (.012)	Solder Reflow	
0603	1608	1.6 (.063)	0.8 (.032)	0.35 (.014)	0.7 (.028)	Solder Wave or Solder Reflow	
0805	2012	2.0 (.079)	1.25 (.049)	0.5 (.02)	0.75 (.030)		
1206	3216	3.2 (.126)	1.6 (.063)	0.5 (.02)	N/A		



Ceramic Caps, SMD

KEMET

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	KEMET Part No.	Value (pF)	Volt.	Tol. (+/-)	Price Each		Qty. per Reel	Price Each
					1	100		
Style 0402 COG								
80-C0402C100J5GAL	C0402C100J5GALTU	10	50	5%	.62	.37	10000	.12
80-C0402C390J5GAL	C0402C390J5GALTU	39	50	5%	.84	.42	10000	.28
80-C0402C470J5GAL	C0402C470J5GALTU	47	50	5%	.84	.42	10000	.28
Style 0402 X7R								
80-C0402C221K5RAL	C0402C221K5RALTU	220	50	10%	.74	.44	10000	.14
80-C0402C821J8RAL	C0402C821J8RALTU	820	10	5%	.62	.47	10000	.21
80-C0402C222K5RAL	C0402C222K5RALTU	2200	50	10%	.74	.44	10000	.14
80-C0402C103J9RAL	C0402C103J9RALTU	10000	6.3	5%	1.05	.36	10000	.169
80-C0402C103K5RAL	C0402C103K5RALTU	10000	50	10%	.30	.25	10000	.08
80-C0402C223K8RAL	C0402C223K8RALTU	22000	10	10%	.74	.44	10000	.14
80-C0402C223K4RAL	C0402C223K4RALTU	22000	16	10%	.94	.47	10000	.31
80-C0402C333K8RAL	C0402C333K8RALTU	33000	10	10%	.74	.44	10000	.14
80-C0402C683K4RAL	C0402C683K4RALTU	68000	16	10%	.94	.47	10000	.31
80-C0402C104K4RAL	C0402C104K4RALTU	0.1µF	16	10%	.96	.73	10000	.20
Style 0603 COG								
80-C0603C339K1GAL	C0603C339K1GALTU	3.3	100	10%	.74	.44	4000	.17
80-C0603C100J5GAL	C0603C100J5GALTU	10	50	5%	.30	.25	4000	.11
80-C0603C100K5GAL	C0603C100K5GALTU	10	50	10%	.41	.30	4000	.16
80-C0603C100K1GAL	C0603C100K1GALTU	10	100	10%	.38	.23	4000	.082
80-C0603C180J5GAL	C0603C180J5GALTU	18	50	5%	.30	.25	4000	.11
80-C0603C430J5GAL	C0603C430J5GALTU	43	50	5%	.41	.30	4000	.19
80-C0603C560J5GAL	C0603C560J5GALTU	56	50	5%	.30	.25	4000	.15
80-C0603C820K5GAL	C0603C820K5GALTU	82	50	10%	.41	.30	4000	.16
80-C0603C101J5GAL	C0603C101J5GALTU	100	50	5%	.40	.33	4000	.159
80-C0603C101K5GAL	C0603C101K5GALTU	100	50	10%	.41	.30	4000	.16
80-C0603C221J5GAL	C0603C221J5GALTU	220	50	5%	.30	.25	4000	.089
80-C0603C221K1GAL	C0603C221K1GALTU	220	100	10%	.52	.33	4000	.13
80-C0603C471K5GAL	C0603C471K5GALTU	470	50	10%	.87	.59	4000	.231
80-C0603C102J5GAL	C0603C102J5GALTU	1000	50	5%	.62	.40	4000	.16
Style 0603 X5R								
80-C0603C105K4PAL	C0603C105K4PALTU	1.0µF	16	10%	10.50	8.75	4000	5.60
Style 0603 X7R								
80-C0603C221K5RAL	C0603C221K5RALTU	220	50	10%	.52	.33	4000	.13
80-C0603C471K4RAL	C0603C471K4RALTU	470	16	10%	.52	.33	4000	.13
80-C0603C102K3RAL	C0603C102K3RALTU	1000	25	10%	.52	.33	4000	.13
80-C0603C102K5RAL	C0603C102K5RALTU	1000	50	10%	.40	.34	4000	.149
80-C0603C152K5RAL	C0603C152K5RALTU	1500	50	10%	.52	.33	4000	.13
80-C0603C222K3RAL	C0603C222K3RALTU	2200	25	10%	.52	.33	4000	.13
80-C0603C332K5RAL	C0603C332K5RALTU	3300	50	10%	.52	.33	4000	.13
80-C0603C472J9RAL	C0603C472J9RALTU	4700	6.3	5%	.58	.38	4000	.22
80-C0603C682K1RAL	C0603C682K1RALTU	6800	100	10%	.60	.36	4000	.102
80-C0603C822J5RAL	C0603C822J5RALTU	8200	50	5%	.94	.47	4000	.20
80-C0603C103J8RAL	C0603C103J8RALTU	10000	10	5%	.59	.38	4000	.22
80-C0603C103K8RAL	C0603C103K8RALTU	10000	10	10%	.30	.25	4000	.11
80-C0603C103K4RAL	C0603C103K4RALTU	10000	16	10%	.30	.25	4000	.11
80-C0603C103K3RAL	C0603C103K3RALTU	10000	25	10%	.30	.25	4000	.11
80-C0603C103K5RAL	C0603C103K5RALTU	10000	50	10%	.68	.44	4000	.149
80-C0603C153K5RAL	C0603C153K5RALTU	15000	50	10%	.63	.38	4000	.214
80-C0603C223K1RAL	C0603C223K1RALTU	22000	100	10%	.60	.36	4000	.109
80-C0603C273J5RAL	C0603C273J5RALTU	27000	50	5%	.64	.39	4000	.116
80-C0603C273K1RAL	C0603C273K1RALTU	27000	100	10%	.60	.36	4000	.109
80-C0603C473K3RAL	C0603C473K3RALTU	47000	25	10%	.57	.44	4000	.193
80-C0603C473K5RAL	C0603C473K5RALTU	47000	50	10%	.57	.44	4000	.193
80-C0603C104K4RAL	C0603C104K4RALTU	0.1µF	16	10%	.53	.44	4000	.189
80-C0603C104K3RAL	C0603C104K3RALTU	0.1µF	25	10%	.52	.43	4000	.198
80-C0603C104K5RAL	C0603C104K5RALTU	0.1µF	50	10%	.52	.44	4000	.207
80-C0603C334K9RAL	C0603C334K9RALTU	0.33µF	6.3	10%	.92	.55	4000	.23
80-C0603C334K4RAL	C0603C334K4RALTU	0.33µF	16	10%	.92	.55	4000	.23
Style 0805 COG								
80-C0805C100J5GAL	C0805C100J5GALTU	10	50	5%	.33	.27	4000	.08
80-C0805C120J5GAL	C0805C120J5GALTU	12	50	5%	.33	.27	4000	.08
80-C0805C150J5GAL	C0805C150J5GALTU	15	50	5%	.33	.27	4000	.08
80-C0805C300K5GAL	C0805C300K5GALTU	30	50	10%	.37	.30	4000	.09
80-C0805C101J1GAL	C0805C101J1GALTU	100	100	5%	.31	.26	4000	.14
80-C0805C151J5GAL	C0805C151J5GALTU	150	50	5%	.22	.15	4000	.05

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MOUSER STOCK NO.	KEMET Part No.	Value (pF)	Volt.	Tol. (+/-)	Price Each		Qty. per Reel	Price Each
					1	100		
Style 0805 COG (Cont.)								
80-C0805C151J1GAL	C0805C151J1GALTU	150	100	5%	.23	.20	4000	.06
80-C0805C391J5GAL	C0805C391J5GALTU	390	50	5%	.18	.17	4000	.15
80-C0805C471J5GAL	C0805C471J5GALTU	470	50	5%	.25	.20	4000	.07
80-C0805C122J3GAL	C0805C122J3GALTU	1200	25	5%	.39	.23	4000	.09
80-C0805C152J5GAL	C0805C152J5GALTU	1500	50	5%	.46	.27	4000	.16
80-C0805C182K5GAL	C0805C182K5GALTU	1800	50	10%	.37	.24	4000	.082
Style 0805 X7R								
80-C0805C331K5RAL	C0805C331K5RALTU	330	50	10%	.50	.30	4000	.12
80-C0805C391J5RAL	C0805C391J5RALTU	390	50	5%	.50	.31	4000	.13
80-C0805C821K2RAL	C0805C821K2RALTU	820	200	10%	.53	.32	4000	.16
80-C0805C102J5RAL	C0805C102J5RALTU	1000	50	5%	.57	.34	4000	.14
80-C0805C102K5RAL	C0805C102K5RALTU	1000	50	10%	.38	.23	4000	.105
80-C0805C102K2RAL	C0805C102K2RALTU	1000	200	10%	.53	.32	4000	.16
80-C0805C152K5RAL	C0805C152K5RALTU	1500	50	10%	.38	.23	4000	.105
80-C0805C472K5RAL	C0805C472K5RALTU	4700	50	10%	.38	.23	4000	.105
80-C0805C103K5RAL	C0805C103K5RALTU	10000	50	10%	.41	.34	4000	.164
80-C0805C103K1RAL	C0805C103K1RALTU	10000	100	10%	.46	.27	4000	.11
80-C0805C103K2RAL	C0805C103K2RALTU	10000	200	10%	.53	.32	4000	.16
80-C0805C183K1RAL	C0805C183K1RALTU	18000	100	10%	.29	.24	4000	.082
80-C0805C223K3RAL	C0805C223K3RALTU	22000	25	10%	.46	.27	4000	.16
80-C0805C223J1RAL	C0805C223J1RALTU	22000	100	5%	.72	.47	4000	.18
80-C0805C333K1RAL	C0805C333K1RALTU	33000	100	10%	.48	.29	4000	.12
80-C0805C473K1RAL	C0805C473K1RALTU	47000	100	10%	.48	.29	4000	.12
80-C0805C473K2RAL	C0805C473K2RALTU	47000	200	10%	.53	.32	4000	.16
80-C0805C563J1RAL	C0805C563J1RALTU	56000	100	5%	.73	.44	4000	.29
80-C0805C683K5RAL	C0805C683K5RALTU	68000	50	10%	.37	.37	4000	.15
80-C0805C823K1RAL	C0805C823K1RALTU	82000	100	10%	.48	.29	2500	.12
80-C0805C104K3RAL	C0805C104K3RALTU	0.1µF	25	10%	.72	.47	4000	.18
80-C0805C104K5RAL	C0805C104K5RALTU	0.1µF	50	10%	.45	.42	4000	.18
80-C0805C104J1RAL	C0805C104J1RALTU	0.1µF	100	5%	.73	.44	4000	.29
80-C0805C104K1RAL	C0805C104K1RALTU	0.1µF	100	10%	.48	.29	4000	.12
80-C0805C124K3RAL	C0805C124K3RALTU	0.12µF	25	10%	.87	.52	4000	.22
80-C0805C224K3RAL	C0805C224K3RALTU	0.22µF	25	10%	1.23	.74	4000	.49
80-C0805C224K5RAL	C0805C224K5RALTU	0.22µF	50	10%	1.23	.74	4000	.49
80-C0805C274K3RAL	C0805C274K3RALTU	0.27µF	25	10%	1.30	.78	4000	.52
80-C0805C394K3RAL	C0805C394K3RALTU	0.39µF	25	10%	1.54	.77	2500	.34
80-C0805C474K3RAL	C0805C474K3RALTU	0.47µF	25	10%	1.43	.96	2500	.29
80-C0805C105K8RAL	C0805C105K8RALTU	1µF	10	10%	.74	.551	2500	.328
80-C0805C105K4RAL	C0805C105K4RALTU	1µF	16	10%	.98	.715	2500	.486
80-C0805C105K3RAL	C0805C105K3RALTU	1µF	25	10%	1.77	1.18	2500	.86
80-C0805C155K4RAL								