

TDK Ceramic Capacitor Arrays



TDK 2 ELEMENT CAPACITOR ARRAYS

Features:

- Multiple capacitors (2) in one package
- Reduced space needed for equal capacity
- Unique electrode construction reduces crosstalk in RF applications
- Decreases mounting time by 50% compared to individual components
- No polarity



RoHS Compliant

Dimensions (mm)

2 ELEMENTS NO GND

	CKCM25	GKCL22
L	1.37 ± 0.15	2.0 ± 0.15
W	1.0 ± 0.15	1.25 ± 0.15
T	0.66 max.	1.0 max.
C	0.36 ± 0.1	0.45 ± 0.1
CL	0.20 ± 0.1	0.20 +0.2, -0.1
P	0.64 ± 0.1	1.0 ± 0.1
S	0.32 ± 0.1	0.32 ± 0.1

For quantities of 8000 and up, call for quote.

MOUSER STOCK NO.	TDK Part No.	Case Size	Temp. Coeff.	Volt (VDC)	Value (pF)	Tol. ±	Price Each			Reel Qty.	Price per Piece
							1	100	1000		
810-CKCM25C0G1H100F	CKCM25C0G1H100F	0603	C0G	50	10	1.0pF	.07	.055	.039	4000	.025
810-CKCM25C0G1H150K	CKCM25C0G1H150K	0603	C0G	50	15	10%	.07	.055	.039	4000	.025
810-CKCM25C0G1H220K	CKCM25C0G1H220K	0603	C0G	50	22	10%	.07	.055	.039	4000	.025
810-CKCM25C0G1H330K	CKCM25C0G1H330K	0603	C0G	50	33	10%	.07	.055	.039	4000	.025
810-CKCM25C0G1H470K	CKCM25C0G1H470K	0603	C0G	50	47	10%	.07	.055	.039	4000	.025
810-CKCM25C0G1H680K	CKCM25C0G1H680K	0603	C0G	50	68	10%	.07	.055	.039	4000	.025
810-CKCM25C0G1H101K	CKCM25C0G1H101K	0603	C0G	50	100	10%	.07	.055	.039	4000	.025
810-CKCM25X7R1H102M	CKCM25X7R1H102M	0603	X7R	50	1000	20%	.07	.055	.039	4000	.025
810-CKCM25X7R1H222M	CKCM25X7R1H222M	0603	X7R	50	2200	20%	.07	.055	.039	4000	.025
810-CKCM25X7R1E472M	CKCM25X7R1E472M	0603	X7R	25	4700	20%	.07	.055	.039	4000	.025
810-CKCM25X7R1C103M	CKCM25X7R1C103M	0603	X7R	16	.01μF	20%	.07	.055	.039	4000	.025
810-CKCM25X5R1A223M	CKCM25X5R1A223M	0603	X5R	10	.022μF	20%	.09	.064	.046	4000	.029
810-CKCM25X5R1A473M	CKCM25X5R1A473M	0603	X5R	10	.047μF	20%	.09	.064	.046	4000	.029
810-CKCM25X5R0J104M	CKCM25X5R0J104M	0603	X5R	6.3	.1μF	20%	.09	.064	.046	4000	.029
810-CKCM25X5R0J224M	CKCM25X5R0J224M	0603	X5R	6.3	.22μF	20%	.13	.098	.07	4000	.045
810-CKCM25X5R0J474M	CKCM25X5R0J474M	0603	X5R	6.3	.47μF	20%	.13	.098	.07	4000	.045
810-CKCM25X5R0J105M	CKCM25X5R0J105M	0603	X5R	6.3	1.0μF	20%	.13	.098	.07	4000	.045
810-CKCL22C0G1H100F	CKCL22C0G1H100F	0805	C0G	50	10	1.0pF	.10	.077	.055	4000	.035
810-CKCL22C0G1H150K	CKCL22C0G1H150K	0805	C0G	50	15	10%	.10	.077	.055	4000	.035
810-CKCL22C0G1H220K	CKCL22C0G1H220K	0805	C0G	50	22	10%	.10	.077	.055	4000	.035
810-CKCL22C0G1H330K	CKCL22C0G1H330K	0805	C0G	50	33	10%	.10	.077	.055	4000	.035
810-CKCL22C0G1H470K	CKCL22C0G1H470K	0805	C0G	50	47	10%	.10	.077	.055	4000	.035
810-CKCL22C0G1H680K	CKCL22C0G1H680K	0805	C0G	50	68	10%	.10	.077	.055	4000	.035
810-CKCL22C0G1H101K	CKCL22C0G1H101K	0805	C0G	50	100	10%	.10	.077	.055	4000	.035
810-CKCL22C0G1H151K	CKCL22C0G1H151K	0805	C0G	50	150	10%	.10	.077	.055	4000	.038
810-CKCL22C0G1H221K	CKCL22C0G1H221K	0805	C0G	50	220	10%	.11	.085	.061	4000	.039
810-CKCL22C0G1H331K	CKCL22C0G1H331K	0805	C0G	50	330	10%	.13	.094	.067	4000	.043
810-CKCL22C0G1H471K	CKCL22C0G1H471K	0805	C0G	50	470	10%	.13	.094	.067	4000	.043
810-CKCL22X7R1H102M	CKCL22X7R1H102M	0805	X7R	50	1000	20%	.10	.077	.055	4000	.035
810-CKCL22X7R1E222M	CKCL22X7R1E222M	0805	X7R	50	2200	20%	.10	.077	.055	4000	.035
810-CKCL22X7R1H472M	CKCL22X7R1H472M	0805	X7R	50	4700	20%	.10	.077	.055	4000	.035
810-CKCL22X7R1H103M	CKCL22X7R1H103M	0805	X7R	50	.01μF	20%	.10	.077	.055	4000	.035
810-CKCL22X7R1E223M	CKCL22X7R1E223M	0805	X7R	25	.022μF	20%	.10	.077	.055	4000	.035
810-CKCL22X7R1E473M	CKCL22X7R1E473M	0805	X7R	25	.047μF	20%	.11	.085	.061	4000	.039
810-CKCL22X7R1C104M	CKCL22X7R1C104M	0805	X7R	16	.1μF	20%	.11	.085	.061	4000	.039
810-CKCL22X5R1A224M	CKCL22X5R1A224M	0805	X5R	10	.22μF	20%	.13	.098	.07	4000	.045
810-CKCL22X5R0J474M	CKCL22X5R0J474M	0805	X5R	6.3	.47μF	20%	.13	.098	.07	4000	.045
810-CKCL22X5R0J105M	CKCL22X5R0J105M	0805	X5R	6.3	1.0μF	20%	.14	.106	.076	4000	.049

Ceramic Caps, SMD TDK

TDK 4 ELEMENT CAPACITOR ARRAYS

Features:

- Multiple capacitors (4) in one package
- Highly effective in EMC countermeasure applications
- Unique electrode construction reduces crosstalk in RF applications
- Decreases mounting time by 75% compared to individual components
- No polarity



RoHS Compliant

Dimensions (mm)

4 ELEMENTS NO GND

	CKCM44	CKCL43
L	2.00 ± 0.15	3.20 ± 0.20
W	1.25 ± 0.15	1.60 ± 0.20
T	1.00 max.	1.10 max.
P	0.50 ± 0.10	0.80 +0.20, -0.10
C	0.25 ± 0.10	0.40 +0.20, -0.10
CL	0.10 ~ 0.10	0.15 ~ 0.40

For quantities of 8000 and up, call for quote.

0805 Case Size

MOUSER STOCK NO.	TDK Part No.	Case Size	Temp. Coeff.	Volt (VDC)	Value (pF)	Tol. ±	Price Each			Reel Qty.	Price per Piece
							1	100	1000		
810-CKCL44C0G1H100F	CKCL44C0G1H100F	0805	C0G	50	10	1.0pF	.10	.077	.055	4000	.035
810-CKCL44C0G1H150K	CKCL44C0G1H150K	0805	C0G	50	15	10%	.10	.077	.055	4000	.035
810-CKCL44C0G1H220K	CKCL44C0G1H220K	0805	C0G	50	22	10%	.10	.077	.055	4000	.035
810-CKCL44C0G1H330K	CKCL44C0G1H330K	0805	C0G	50	33	10%	.10	.077	.055	4000	.035
810-CKCL44C0G1H470K	CKCL44C0G1H470K	0805	C0G	50	47	10%	.10	.077	.055	4000	.035
810-CKCL44C0G1H680K	CKCL44C0G1H680K	0805	C0G	50	68	10%	.10	.077	.055	4000	.035
810-CKCL44C0G1H101K	CKCL44C0G1H101K	0805	C0G	50	100	10%	.10	.077	.055	4000	.035
810-CKCL44C0G1H151K	CKCL44C0G1H151K	0805	C0G	50	150	20%	.10	.077	.055	4000	.035
810-CKCL44X7R1H221M	CKCL44X7R1H221M	0805	X7R	50	220	20%	.10	.077	.055	4000	.035
810-CKCL44X7R1H471M	CKCL44X7R1H471M	0805	X7R	50	470	20%	.10	.077	.055	4000	.035
810-CKCL44X7R1H102M	CKCL44X7R1H102M	0805	X7R	50	1000	20%	.10	.077	.055	4000	.035
810-CKCL44X7R1E222M	CKCL44X7R1E222M	0805	X7R	50	2200	20%	.10	.077	.055	4000	.035
810-CKCL44X7R1H472M	CKCL44X7R1H472M	0805	X7R	50	4700	20%	.10	.077	.055	4000	.035
810-CKCL44X7R1E103M	CKCL44X7R1E103M	0805	X7R	25	.01μF	20%	.10	.077	.055	4000	.035
810-CKCL44X7R1C223M	CKCL44X7R1C223M	0805	X7R	16	.022μF	20%	.11	.085	.061	4000	.039
810-CKCL44X5R1A473M	CKCL44X5R1A473M	0805	X5R	10	.047μF	20%	.11	.085	.061	4000	.039
810-CKCL44X5R0J104M	CKCL44X5R0J104M	0805	X5R	6.3	.1μF	20%	.13	.098	.07	4000	.045

For quantities of 6000 and up, call for quote.

1206 Case Size

MOUSER STOCK NO.	TDK Part No.	Case Size	Temp. Coeff.	Volt (VDC)	Value (pF)	Tol. ±	Price Each			Reel Qty.	Price per Piece
							1	100	1000		
810-CKCA43C0G1H100F	CKCA43C0G1H100F	1206	C0G	50	10	1.0pF	.11	.085	.061	2000	.039
810-CKCA43C0G1H150K	CKCA43C0G1H150K	1206	C0G	50	15	10%	.11	.085	.061	2000	.039
810-CKCA43C0G1H220K	CKCA43C0G1H220K	1206	C0G	50	22	10%	.11	.085	.061	2000	.039
810-CKCA43C0G1H330K	CKCA43C0G1H330K	1206	C0G	50	33	10%	.11	.085	.061	2000	.039
810-CKCA43C0G1H470K	CKCA43C0G1H470K	1206	C0G	50	47	10%	.11	.085	.061	2000	.039
810-CKCA43C0G1H680K	CKCA43C0G1H680K	1206	C0G	50	68	10%	.11	.085	.061	2000	.039
810-CKCA43C0G1H101K	CKCA43C0G1H101K	1206	C0G	50	100	10%	.11	.085	.061	2000	.039
810-CKCA43C0G1H151K	CKCA43C0G1H151K	1206	C0G	50	150	10%	.11	.085	.061	2000	.039
810-CKCA43C0G1H221K	CKCA43C0G1H221K	1206	C0G	50	220	10%	.11	.085	.061	2000	.039
810-CKCA43C0G1H331K	CKCA43C0G1H331K	1206	C0G	50	330	10%	.13	.094	.067	2000	.043
810-CKCA43C0G1H471K	CKCA43C0G1H471K	1206	C0G	50	470	10%	.13	.094	.067	2000	.043
810-CKCA43X7R1H471M	CKCA43X7R1H471M	1206	X7R	50	470	20%	.11	.085	.061	2000	.039
810-CKCA43X7R1H102M	CKCA43X7R1H102M	1206	X7R	50	1000	20%	.11	.085	.061	2000	.039
810-CKCA43X7R1H222M	CKCA43X7R1H222M	1206	X7R	50	2200	20%	.11	.085	.061	2000	.039
810-CKCA43X7R1H472M	CKCA43X7R1H472M	1206	X7R	50	4700	20%	.11	.085	.061	2000	.039
810-CKCA43X7R1H103M	CKCA43X7R1H103M	1206	X7R	50	.01μF	20%	.11	.085	.061	2000	.039
810-CKCA43X7R1E223M	CKCA43X7R1E223M	1206	X7R	50	.022μF	20%	.13	.098	.07	2000	.045
810-CKCA43X7R1E473M	CKCA43X7R1E473M	1206	X7R	25	.047μF	20%	.13	.098	.07	2000	.045
810-CKCA43X7R1C104M	CKCA43X7R1C104M	1206	X7R	16	.1μF	20%	.14	.106	.076	2000	.049