

TDK MLCC Ceramic Capacitors

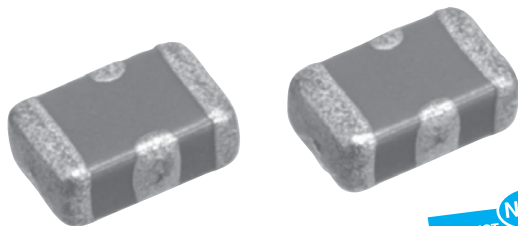


RoHS compliant This product is RoHS compliant.

CKD SERIES - 3-TERMINAL FEED THROUGH CAPACITORS

Features:

- These small low-cost filters are used for meeting EMC requirements
- Can be used up to even higher frequencies due to low parasitic inductance
- Optimized for use as a noise bypass capacitors for signal and power source circuits



PRODUCT **NEW**

Applications:

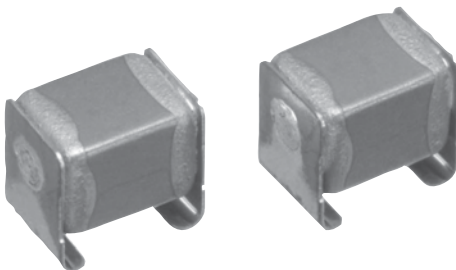
- For digital and analog signal line noise bypassing signal line

MOUSER STOCK NO.	TDK Part No.	Fig.	Value (pF)	Voltage	Tol. (%)	Price Each			Reel Qty	Price Per Piece
						1	100	500		
CKD110JB Type										
810-CKD110JB1E223S	CKD110JB1E223S	A	.022µF	25	+50,-20	.42	.258	.208	4000	.101
810-CKD110JB1E104S	CKD110JB1E104S	A	.1µF	25	+50,-20	.42	.258	.208	4000	.101
810-CKD110JB1E101S	CKD110JB1E101S	A	100	25	+50,-20	.37	.232	.187	4000	.091
810-CKD110JB1E221S	CKD110JB1E221S	A	220	25	+50,-20	.37	.232	.187	4000	.091
810-CKD110JB1E102S	CKD110JB1E102S	A	1000	25	+50,-20	.37	.232	.187	4000	.091
CKD310JB Type										
810-CKD310JB1C104S	CKD310JB1C104S	A	.1µF	16	+50,-10	.42	.259	.208	2000	.13
810-CKD310JB1C224S	CKD310JB1C224S	A	.22µF	16	+50,-10	.42	.259	.208	2000	.13
810-CKD310JB1C105S	CKD310JB1C105S	A	1.0µF	16	+50,-10	.50	.31	.25	2000	.16
CKD510JB Type										
810-CKD510JB1E103S	CKD510JB1E103S	A	.01µF	25	+50,-20	.37	.232	.187	4000	.091
810-CKD510JB1E223S	CKD510JB1E223S	A	.022µF	25	+50,-20	.37	.232	.187	4000	.091
810-CKD510JB1E104S	CKD510JB1E104S	A	.1µF	25	+50,-20	.37	.232	.187	4000	.091
810-CKD510JB1A105S	CKD510JB1A105S	A	1.0µF	10	+50,-10	.45	.284	.229	4000	.111
810-CKD510JB1H220S	CKD510JB1H220S	A	22	50	+50,-20	.33	.206	.166	4000	.081
810-CKD510JB1H470S	CKD510JB1H470S	A	47	50	+50,-20	.33	.206	.166	4000	.081
810-CKD510JB1H101S	CKD510JB1H101S	A	100	50	+50,-20	.33	.206	.166	4000	.081
810-CKD510JB1H221S	CKD510JB1H221S	A	220	50	+50,-20	.33	.206	.166	4000	.081
810-CKD510JB1H471S	CKD510JB1H471S	A	470	50	+50,-20	.33	.206	.166	4000	.081
810-CKD510JB1H102S	CKD510JB1H102S	A	1000	50	+50,-20	.33	.206	.166	4000	.081
810-CKD510JB1H222S	CKD510JB1H222S	A	2200	50	+50,-20	.33	.206	.166	4000	.081
810-CKD510JB1H472S	CKD510JB1H472S	A	4700	50	+50,-20	.33	.206	.166	4000	.081
CKD610JB Type										
810-CKD610JB0J105S	CKD610JB0J105S	A	1.0µF	6.3	+50,-20	.42	.258	.208	4000	.101
810-CKD610JB0J225S	CKD610JB0J225S	A	2.2µF	6.3	+50,-20	.50	.31	.25	4000	.121
CKD61BJB Type										
810-CKD61BJB0J474S	CKD61BJB0J474S	B	.47µF	6.3	+50,-20	.42	.258	.208	4000	.101
CKD710JB Type										
810-CKD710JB1C104S	CKD710JB1C104S	A	0.10µF	16	20	.16	.11	.10	10000	.08
810-CKD710JB1A224S	CKD710JB1A224S	A	0.22µF	10	20	.16	.11	.10	10000	.08
810-CKD710JB0J474S	CKD710JB0J474S	A	0.47µF	6.3	20	.16	.11	.10	10000	.08
810-CKD710JB0G105S	CKD710JB0G105S	A	1µF	4	20	.16	.11	.10	10000	.08

CKG SERIES - 2-CHIP PILED CAPACITORS

Features:

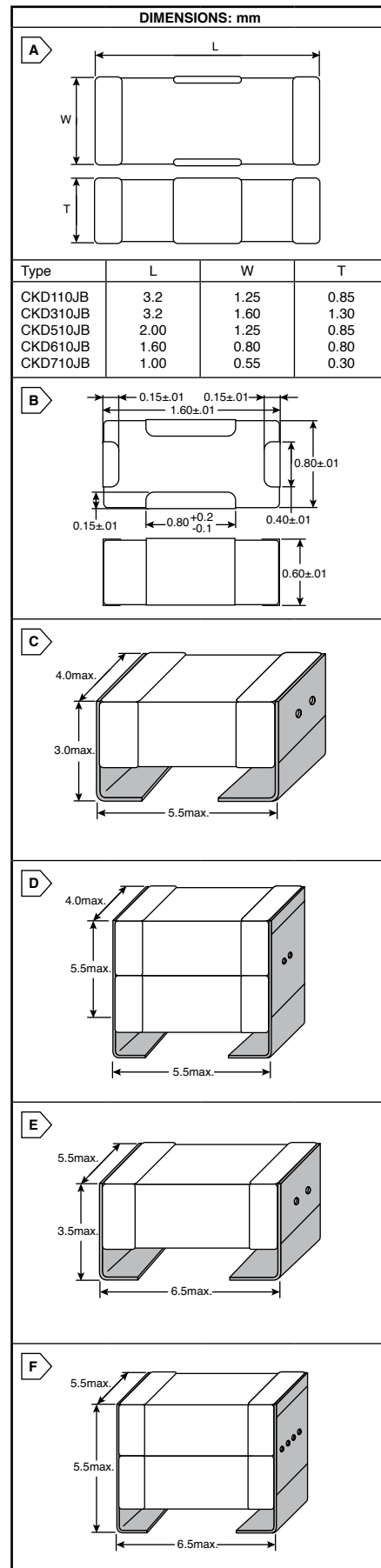
- No polarity
- Twice the capacitance is obtainable on a single capacitor space.
- Unique construction provides high reliability
- The metal caps absorb stress from thermal and mechanical shocks, ensuring excellent performance on aluminum circuit substrates
- Low ESR and ESL promises excellent characteristics for high frequency switching power supply



Applications:

- Smoothing circuits.
- Temperature variable applications.
- Maintenance free power supplies.
- DC to DC converters.
- Automotive applications.

MOUSER STOCK NO.	TDK Part No.	Fig.	Value (µF)	Voltage	Tol. (%)	Temp. Coef	Price Each			Reel Qty	Price Per Piece
							1	100	500		
CKG45K Type											
810-CKG45KX7S2A475M	CKG45KX7S2A475M	C	4.7	100	20	X7S	4.32	3.48	2.88	1000	1.62
CKG45N Type											
810-CKG45NX7R2E105M	CKG45NX7R2E105M	D	1	250	20	X7R	4.32	3.48	2.88	1000	1.62
810-CKG45NX7S2A106M	CKG45NX7S2A106M	D	10	100	20	X7S	4.32	3.48	2.88	1000	1.62
810-CKG45NX5R1H106M	CKG45NX5R1H106M	D	10	50	20	X5R	4.32	3.48	2.88	1000	1.62
CKG57K Type											
810-CKG57KX7R1C476M	CKG57KX7R1C476M	E	47	16	20	X7R	5.13	4.13	3.42	1000	1.92
810-CKG57KX7S2A106M	CKG57KX7S2A106M	E	10	100	20	X7S	5.13	4.30	4.13	1000	3.70
CKG57N Type											
810-CKG57NX7R2J474M	CKG57NX7R2J474M	F	47	630	20	X7R	4.95	4.12	3.45	1000	1.95
810-CKG57NX7R2E225M	CKG57NX7R2E225M	F	2.2	250	20	X7R	4.95	4.12	3.45	1000	1.95
810-CKG57NX7R2A475M	CKG57NX7R2A475M	F	4.7	100	20	X7R	4.95	4.12	3.45	1000	1.95
810-CKG57NX7R1H106M	CKG57NX7R1H106M	F	10	50	20	X7R	4.95	4.12	3.45	1000	1.95
810-CKG57NX7R2A106M	CKG57NX7R2A106M	F	10	100	20	X7R	5.45	4.53	3.79	1000	2.14
810-CKG57NX5R1H226M	CKG57NX5R1H226M	F	22	50	20	X5R	4.95	4.12	3.45	1000	1.95
810-CKG57NX7S2A226M	CKG57NX7S2A226M	F	22	100	20	X7S	5.45	4.53	3.79	1000	2.14
810-CKG57NX5R1E476M	CKG57NX5R1E476M	F	47	25	20	X5R	4.95	4.12	3.45	1000	1.95
810-CKG57NX5R1C107M	CKG57NX5R1C107M	F	100	16	20	X5R	5.45	4.53	3.79	1000	2.14



Ceramic Caps, SMD

TDK