

2-chip Piled Multilayer Ceramic Capacitors CKG Series

FEATURES

- No polarity.
- Twice the capacitance is obtainable on a single capacitor space.
- Unique construction provides high reliability.
- The metal caps absorbs 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.

CAPACITANCE RANGES

Temperature Characteristics : X5R, Tolerance : M($\pm 20\%$)

Rated voltage Edc(V)	CKG45N		CKG57N	
	Capacitance (μF)	Part No.	Capacitance (μF)	Part No.
50	10	CKG45NX5R1H106M	22	CKG57NX5R1H226M
25	—	—	47	CKG57NX5R1E476M
16	47	CKG45NX5R1C476M	100	CKG57NX5R1C107M

Temperature Characteristics : X7R, Tolerance : M($\pm 20\%$)

Rated voltage Edc(V)	CKG45N		CKG57N	
	Capacitance (μF)	Part No.	Capacitance (μF)	Part No.
630	0.22	CKG45NX7R2J224M	0.47	CKG57NX7R2J474M
250	0.47	CKG45NX7R2E474M	1	CKG57NX7R2E105M
100	2.2	CKG45NX7R2A225M	4.7	CKG57NX7R2A475M
50	3.3	CKG45NX7R1H335M	10	CKG57NX7R1H106M
25	10	CKG45NX7R1E106M	22	CKG57NX7R1E226M
16	22	CKG45NX7R1C226M	33	CKG57NX7R1C336M

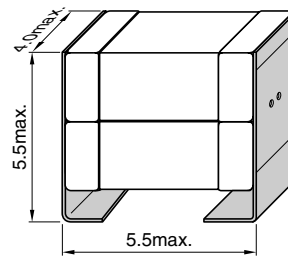
APPLICATIONS

Smoothing circuits, temperature variable applications, Maintenance free power supplies, DC to DC converters, automotive applications.



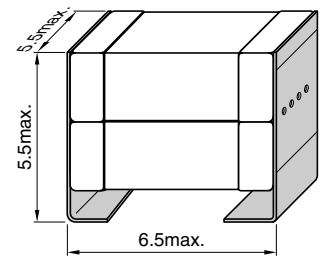
CASE SIZE

CKG45N



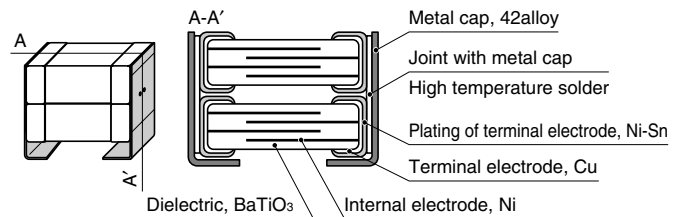
Dimensions in mm

CKG57N



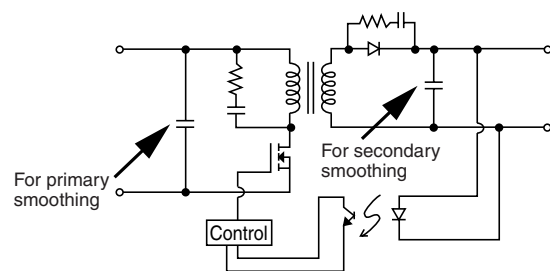
Dimensions in mm

INTERNAL CONSTRUCTION

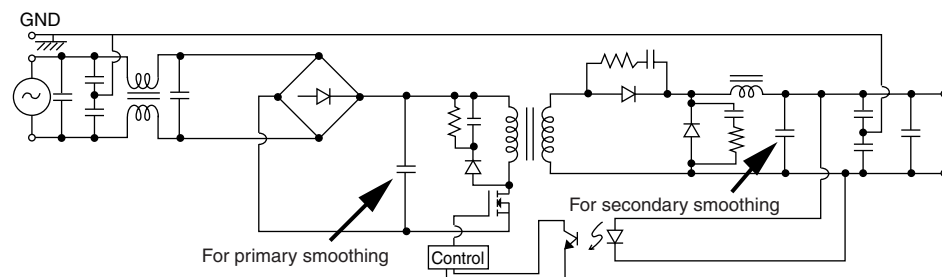


TYPICAL APPLICATION EXAMPLES

DC TO DC CONVERTER



SWITCHING POWER SUPPLY



• For more information about products with other capacitance or other data, please contact us.

• All specifications are subject to change without notice.