

Ceramic Capacitors

For Smoothing

SMD

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.

APPLICATIONS

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



CAPACITANCE RANGES

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

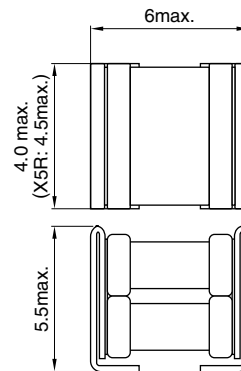
Rated voltage	Capacitance	Part No.	Capacitance	Part No.
Edc(V)	(μ F)		(μ F)	
16	47	CKG45DX5R1C476M	100	CKG57DX5R1C107M
25	—	—	47	CKG57DX5R1E476M
50	10	CKG45DX5R1H106M	22	CKG57DX5R1H226M

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

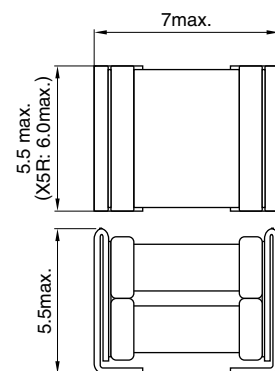
Rated voltage	Capacitance	Part No.	Capacitance	Part No.
Edc(V)	(μ F)		(μ F)	
16	22	CKG45DX7R1C226M	33	CKG57DX7R1C336M
25	10	CKG45DX7R1E106M	22	CKG57DX7R1E226M
50	3.3	CKG45DX7R1H335M	6.8	CKG57DX7R1H685M
100	1.5	CKG45DX7R2A155M	4.7	CKG57DX7R2A475M
250	0.47	CKG45DX7R2E474M	1	CKG57DX7R2E105M
630	0.22	CKG45DX7R2J224M	0.47	CKG57DX7R2J474M

CASE SIZE

CKG45D



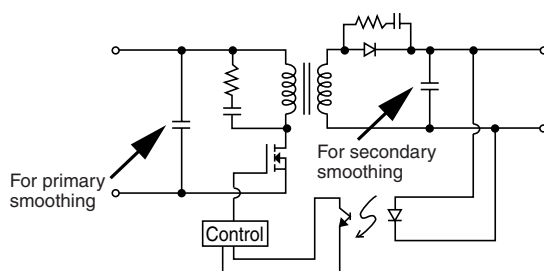
CKG57D



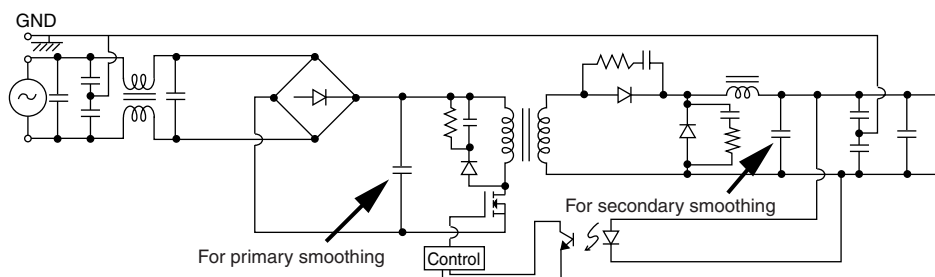
Dimensions in mm

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.