

Ceramic Capacitors

CKG Series

Mega Cap SMD

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.
- In cases of breakage caused by stress from thermal or mechanical shocks, the capacitors are designed to go opencircuit.

CAPACITANCE RANGES

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

Rated voltage	CKG45D	CKG57D
DC.10V	68 μ F	150 μ F
DC.16V	47 μ F	100 μ F
DC.25V	—	47 μ F
DC.50V	10 μ F	22 μ F

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

Rated voltage	CKG45D	CKG57D
DC.16V	22 μ F	33 μ F
DC.25V	10 μ F	22 μ F
DC.50V	3.3 μ F	6.8 μ F
DC.100V	1.5 μ F	4.7 μ F
DC.250V	0.47 μ F	1 μ F
DC.630V	0.22 μ F	0.47 μ F

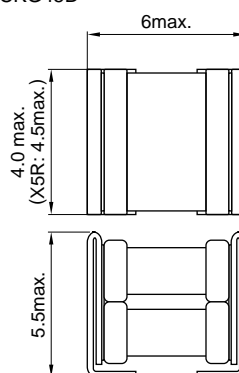
APPLICATIONS

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

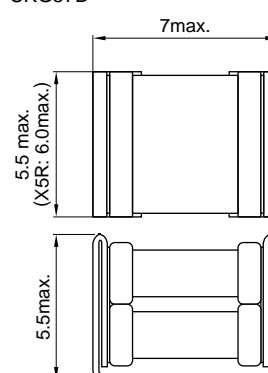


CASE SIZE

CKG45D



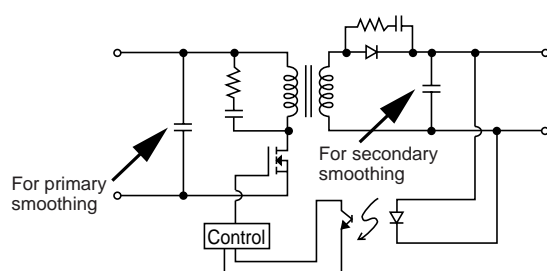
CKG57D



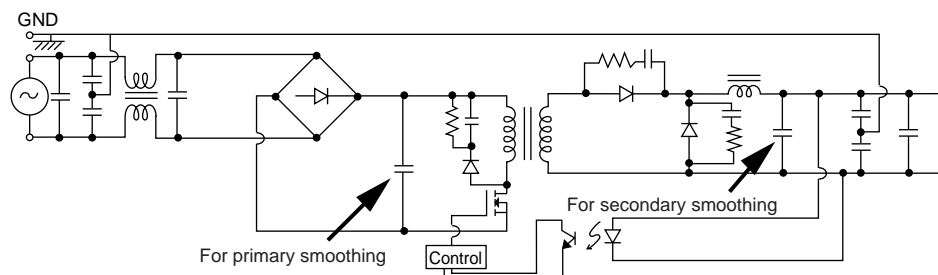
Dimensions in mm

ITYPICAL APPLICATION EXAMPLES

DC TO DC CONVERTER



SWITCHING POWER SUPPLY



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