

Type 944L Low Inductance DC Link Film Capacitor Series

High Current/Low Inductance for Inverter Applications

The type 944L low inductance series capacitor is specifically designed for applications where low inductance and higher current ratings are desirable. Unique low inductance internal construction methods combined with low loss metallized polypropylene film dielectric provide high ripple current capability and lower ESL. Stud or insert terminal options offer design flexibility in a rugged UL94V-0 rated flame retardant plastic case and solid resin fill.

Highlights

- Up to 60% Lower ESL in standard sizes & ratings
- Low ESR
- Capacitance values from 33 μ F to 220 μ F and 800 to 1400 WVDC
- 5,000 hr. life @ 85 °C & Vr
- Design features for secure mounting to sturdy flat surfaces
- REACH & RoHS compliant

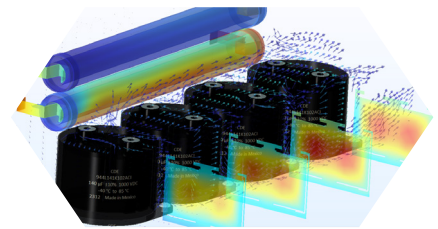
Specifications

Capacitance Range	33 to 220 μ F
Capacitance Tolerance	\pm 10% standard
Voltage Range	800 to 1400 Vdc
Operating Temperature	-40 °C to 85 °C
Life Test	5000 h @ 85 °C, rated voltage



Applications Include

Inverter applications in electric vehicle power inverters, wind power inverters, motor drives and induction heating



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