Film Capacitor Designed for DC Filtering

AVX Corporation has developed a power film capacitor series specifically for DC filtering applications. Designated the FFLI Series, the advanced power film capacitor has a life expectancy of 100,000 hours, and unlike aluminum electrolytic devices, the FFLI Series devices employ controlled self healing where end-of-life is simply defined as the time taken for the capacitance to lose about 5% of its nominal value. The FFLI Series power film capacitors feature CV (Capacitance / Voltage) ratings of up to 3000?F and 1900Vdc/100Arms, and can operate in temperatures of up to 95ºC. Qualified to IEC 61071 for power electronic capacitors, the FFLI Series also meets IEC 60068-1 environmental testing requirements and IEC 61373 shock and vibration tests.

AVX's new film metalized products are especially suitable for use in modular banks of capacitors for applications, such as solar panel installations or wind turbine energy generators.

"One major advantage of AVX's power film capacitors versus other technologies is their graceful end-of-life characteristic. The FFLI capacitors are rugged and designed to operate continually in a manner that is environmentally safe and does not damage surrounding electronic components, ensuring the system integrity," said Gilles Terzulli, product manager at AVX.
Pricing for the FFLI Series capacitors is set at competitive levels, with lead time between 12 and 20 weeks.

For more information on the FFLI Series capacitors, contact AVX at One AVX Boulevard, Fountain Inn, S.C. 29644; by calling 864-228 3427; or on the Web at www.avx.com [1].

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[1] http://www.avx.com