

# Power Capacitors

Film Capacitor Innovation without Limits



#### **UP3 Series - Unlytic® Polypropylene High-Energy Density DC Filter Capacitors**

- Temperature Range: -40°C to +85°C
- (+105°C upon special request)
- Voltage Range: 600VDC to 3000VDC
  - Capacitance Range: 25uF 2100uF



## UL9 Series - Medium Power Film High-Energy Density DC Filter Capacitor

- Capacitance Range: 380uF to 17,100uF
- Voltage Range: 700VDC to 3000VDC
- Temperature Range: -40C to +85C (+105°C upon special request)
- Proven Replacement for Electrolytics



HT1 Series - Electronic Concepts' new polymer operates to 150°C with the highest peak-current of any metallized dry film capacitor.

- Temperature Range: -55°C to +150°C
- Voltage Range: 600VDC to 2400VDC
- Capacitance Range: 0.12μF to 2.2μF



## 5MPF Series - Polypropylene Capacitor with Fuseac® Technology

- AC voltages: 300, 600 and 900 VAC
- Capacitance: 10μF to 250μF
- Operating temperatures: -40°C to +85°C



5MPA Series - Metallized Polypropylene Superior to other AC Capacitors because of low loss dry film construction.

- Temperature Range: -55°C to +85°C
- Voltage Range VAC: 300VAC to 900VAC
- Voltage Range VDC: 450VDC to 1300VDC
- Capacitance Range: 1.0μF to 300.0μF
- UL Recognized Component 5MPA1-3



3MP Series - Designed to handle high RMS currents for today's high energy AC filtering applications

- Temperature Range: -55°C to +85°C
- Voltage Range VAC: 300VAC to 900VAC
- Voltage Range VDC: 450VDC to 1350VDC
- Capacitance Range: 20μF to 325μF
- UL Recognized Component



UH3 Series - High temperature, high voltage, low cost capacitors

- Temperature Range: -65°C to +125°C
- Voltage Range: 450VDC to 1200VDC
- Capacitance Range: 15.0μF to 120.0μF



UP37 Series - Unlytic® Miniature Series UP37 miniature Unlytic® is the best choice for "Decoupling" in high-power converter designs.

- Temperature Range: -55°C to +85°C
- Voltage Range: 500VDC to 1500VDC
- Capacitance Range: 4.7μF to 35.0μF



5MP2 Series - Metallized Polypropylene Switching power supply capacitors that are specifically designed for snubber and high current applications.

- Temperature Range: -55°C to +105°C
- Voltage Range VDC: 400VDC to 2000VDC
- Voltage Range VAC: 230VAC to 460VAC
- Capacitance Range: 0.47μF to 10.0μF



MP80 Series - Metallized Polypropylene Snubber circuit power capacitor that fits IGBT terminal spacing for direct mounting, for acrossthe-buss power applications

- Temperature Range: -55°C to +105°C
- Voltage Range: 400VDC to 3300VDC
- Capacitance Range: 0.5μF to 50.0μF



MP88-PT88 - Lo-Henry Snubber Capacitors - Metallized Polypropylene and Polypropylene & Foil Constructions

- Temperature Range: -55°C to +105°C
- Voltage Range: 800VDC to 3000VDC
- Capacitance Range: 0.1uF 2.5uF



5PT Series - Polypropylene & Foil Specifically designed to meet higher current carrying requirements of resonant power circuits

- Temperature Range: -55°C to +105°C
- Voltage Range VDC: 400VDC to 1500VDC
- Voltage Range VAC: 230VAC to 460VAC
- Capacitance Range: 0.010μF to 0.100μF



## 5ME Series -Metallized Polyester Film Switching

- Temperature Range: -40°C to +85°C
- Voltage Range: 30VDC to 400VDC
  - Capacitance Range: 1.0µF to 200.0µF



### MP3 Series - Unlytic® Polypropylene

- Temperature Range: -40°C to +85°C (+105°C upon special request)
- Voltage Range: 500VDC to 2400VDC
- Capacitance Range: 70uF 1100uF



UL30 Series - Unlytic® Film dielectric capacitor replacement for Electrolytics.

- Temperature Range: -55°C to +105°C
- Voltage Range: 300VDC to 1000VDC
  - Capacitance Range: 50.0μF to 1600.0μF



UL3 Series - Unlytic® Film Capacitors Offering the "Ultimate" performance for high power filter applications

- Temperature Range: -55°C to +105°C
- Voltage Range: 500VDC to 2200VDC
- Capacitance Range: 6.5μF to 300.0μF