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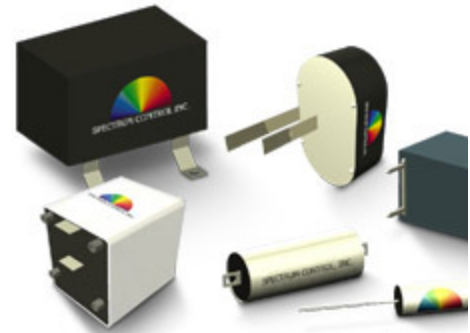
## Film Capacitors

### Capabilities

- [Metalized Polypropylene Film Capacitor](#) + View Details
- [Metalized Polyester Film Capacitor](#) + View Details
- [Polyphenylene Sulfide Film Capacitor](#) + View Details

### Design and Production Options

<b>Dielectrics:</b>	Polypropylene, Polyester (Mylar), Polyphenylene Sulphide (PPS)
<b>Termination:</b>	Radial or Axial Leads, Machined, Stamped, Lugs
<b>Enclosures:</b>	Metal Case, Pre-molded Plastic, Wrap and Fill. Hermetic, Non-hermetic
<b>Geometry:</b>	Cylindrical, Flat, Modular, Oval-Wound
<b>Encapsulation:</b>	Dry or Impregnated
<b>Size:</b>	Less than an inch to several cubic feet
<b>Electrical:</b>	250-1200VDC typical, ripple currents up to 400 Arms, 150 °C operation



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### Custom Solutions



#### Metalized Polypropylene Film Module

High Current and High Capacitance DC Replacement for Electrolytic Capacitors

### Primary Markets & Applications

#### Automotive/Transport

- DC link cap in inverters/chargers for HEV, Fuel Cell, and EV systems

- Voltages up to 1200VDC, 400Arms ripple current, safer than electrolytic caps

### Laser/Pulse Power

- Laser pulse power supplies, Marx Generators, Semiconductor equipment, Radar systems
- Meets high energy impulse requirements for pulse shaping, current driving, and discharge capacitor banks

### Industrial/Medical

- High voltage, high value caps for welders, elevators, and cranes, defibrillators

### Comercial Aerospace

- High voltage caps used in inverters for aircraft power supplies and motor drives

### Renewable Energy

- DC link cap in DC to AC inverters and power conditioning equipment
- Solar converters, wind turbines, UPS

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