

# Type 930C, Metallized Polypropylene Capacitors for DC Filtering

## Low Dissipation, General Purpose

Film



Type 930C metallized polypropylene capacitors are designed for general purpose filtering applications. Their stability and low loss characteristics make them an excellent choice for blocking, filtering, bypassing, coupling and decoupling applications. This Series is UL recognized for construction only under UL File Number E128034(N).

### Highlights

- Low dissipation factor
- Self healing
- UL recognized

### Specifications

Capacitance Range	0.22 to 10.0 $\mu$ F
Capacitance Tolerance	$\pm$ 10 % (K) Standard; $\pm$ 5% (J) Optional
Rated Voltage	100 to 630 Vdc (70 to 250 Vac, 60 Hz)
Operating Temperature Range with Ripple	-55 $^{\circ}$ C to 105 $^{\circ}$ C* *Full rated voltage at 85 $^{\circ}$ C - derated linearly to 50% rated at 105 $^{\circ}$ C
Maximum rms Current	Check tables for values
Insulation Resistance	200,000 M $\Omega$ x $\mu$ F
Test Voltage between Terminals @ 25 $^{\circ}$ C	200% rated DC voltage for 60 s
Test Voltage between Terminals & Case @ 25 $^{\circ}$ C	3 kVac @ 50/60 Hz for 60 s
Life Test	1,000 h @ 85 $^{\circ}$ C, 125% rated DC voltage
Life Expectancy	60,000 h @ rated Vdc, 70 $^{\circ}$ C 30,000 h @ rated Vac, 70 $^{\circ}$ C
<b>RoHS Compliant</b>	

### Dimensions

#### Construction Diagram



#### Construction Details

Case Material	UL510 Polyester Tape Wrap
Resin Material	UL94V-0 Epoxy Fill
Terminal Material	Tin Plated Copper









