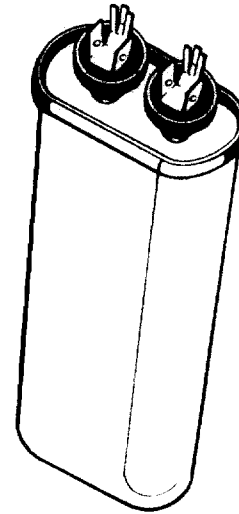


Dual Rated Capacitors

1000 Volts Peak

This line of Dual Rated AC/DC Capacitors is specifically designed for applications such as AC/DC filters where harmonic frequencies greater than 60 Hz are common. These capacitors are typically used in DC filters at voltages above those served by electrolytic type construction.



SPECIFICATIONS

Available Capacitance Range:	3.0 to 50 μ F														
Capacitance Tolerance:	97F \pm 6%														
Capacitance Variation with Temperature:	\pm 5% from -40 °C to + 70 °C														
Rated Voltage:	See Ratings Table. The rating is the Maximum Peak DC Voltage.														
Ripple Voltage:	The RMS ripple voltage should not exceed the following percentages of the rated voltage for these frequencies:														
	<table><thead><tr><th>Frequency</th><th>% of Rated Voltage</th></tr></thead><tbody><tr><td></td><td><u>97F</u></td></tr><tr><td>60 Hz</td><td>44</td></tr><tr><td>120 Hz</td><td>30</td></tr><tr><td>400 Hz</td><td>12</td></tr><tr><td>1,000 Hz</td><td>8</td></tr><tr><td>10,000 Hz</td><td>0.6</td></tr></tbody></table>	Frequency	% of Rated Voltage		<u>97F</u>	60 Hz	44	120 Hz	30	400 Hz	12	1,000 Hz	8	10,000 Hz	0.6
Frequency	% of Rated Voltage														
	<u>97F</u>														
60 Hz	44														
120 Hz	30														
400 Hz	12														
1,000 Hz	8														
10,000 Hz	0.6														
Operating Temperature:	-30 °C to + 70 °C														
Storage Temperature:	-55 °C to + 70 °C														
Operating Life:	60,000 hours with 94% survival with proper derating														
Dissipation Factor:	0.3% maximum														
Case Material/Finish:	Aluminum Case (NO PAINT)														
Terminations:	97F (3) or (4) 0.25 x 0.031 inch quick connect blades per terminal (see outline drawing).														
Dielectric Fluid:	97F: Dielektrol VI														
Internal Protection	Pressure Sensitive Interrupter														

General Purpose DC Capacitors

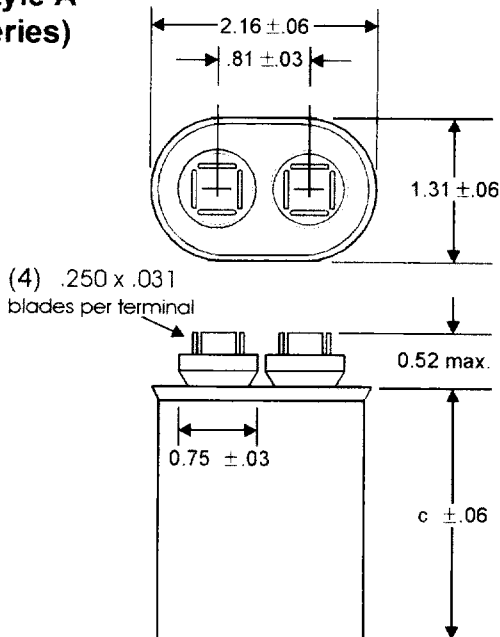
STANDARD RATINGS

Capacitance (μF)	Catalog Number	Case Style	Height c (in.)
1000 Volts Peak (440 Vac, Dual Rated)			
3.0	97F5437	A	2.12
4.0	97F5337	A	2.88
5.0	97F5339	A	2.88
6.0	97F5436	A	2.88
7.5	97F9036	A	3.88
10.0	97F5300	A	3.88
12.5	97F5001	P	2.88
15.0	97F9037	P	2.88
17.5	97F9038	P	3.88
20.0	97F9039	P	3.88
25.0	97F9040	P	4.75
30.0	97F5023	P	4.75
35.0	97F9041	S	4.75
40.0	97F5116	S	4.75
45.0	97F5209	T	3.88
50.0	97F5211	T	3.88

Case Style	a	b
A	2.16	1.31

Case Style	K	J
P	1.75	1.88
S	2.00	2.12
T	2.50	2.62

Case Style A (97F Series)



Case Styles P, S and T

