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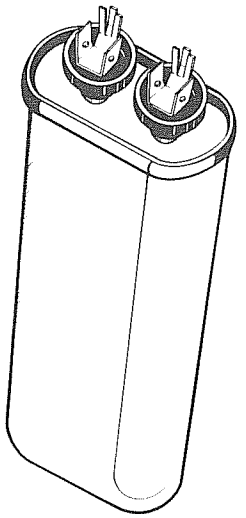
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General Purpose DC Capacitors

1000, 1500, and 2500 Volts Peak



This line of General Purpose DC Capacitors is made of several different technologies. For the rated voltages, the optimum dielectric system is chosen for size and cost. Gem III for 1000 V, Gem II for 1500 V and film/paper for 2500 V. These capacitors are typically used in DC filters at voltages above those served by electrolytic type construction.

SPECIFICATIONS

Available Capacitance Range: 0.1 to 50 μF

Capacitance Tolerance:
97F & 61L Series: ±6%
26F Series: ±10%

Capacitance Variation with Temperature: ±5% from –40 °C to +70 °C

Rated Voltage: See Ratings Tables. 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:

Frequency	% of Rated Voltage	
	97F & 61L	26F
60 Hz	44	30
120 Hz	30	20
400 Hz	12	14
1,000 Hz	8	8
10,000 Hz	0.6	1

Operating Temperature: -30 °C to +70 °C

Storage Temperature: –55 °C to +90 °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).
61L & 26F: (2) 0.25 x 0.031 inch quick connect blades and (1) solderable fork per terminal.

Dielectric Fluid:
97F: Dielektrol VI
61L: Geconol
26F: Geconol

Internal Protection: Pressure Sensitive Interrupter

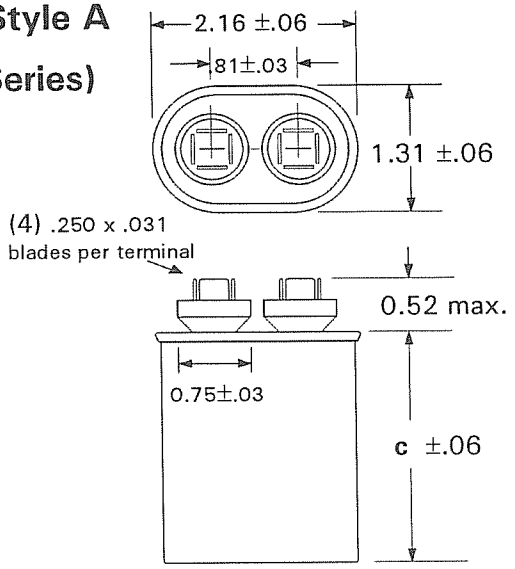
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General Purpose DC Capacitors
(All Dimensions in Inches)

STANDARD RATINGS

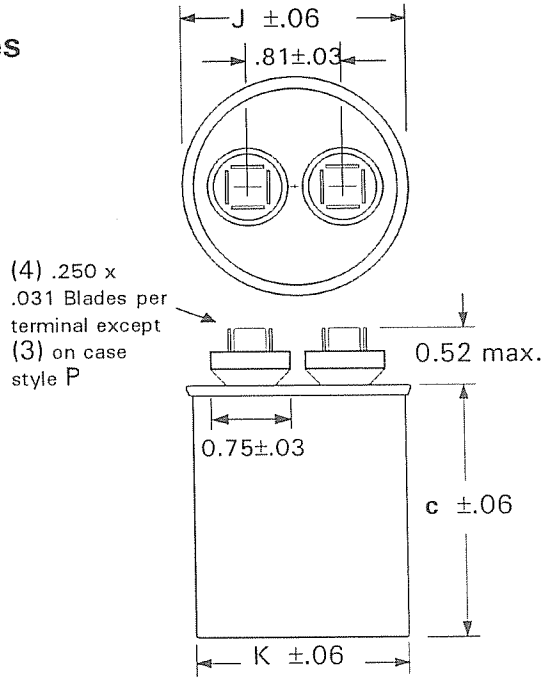
Capacitance (μF)	Catalog Number	Case Style	Height c (in.)
1000 Volts Peak (440 Vac, Dual Rated)			
3.0	97F5437	A	2.12
4.0	97F5337	A	2.88
5.0	97F5339	A	2.88
6.0	97F5436	A	2.88
7.5	97F9036	A	3.88
10.0	97F5300	A	3.88
12.5	97F5001	P	2.88
15.0	97F9037	P	2.88
17.5	97F9038	P	3.88
20.0	97F9039	P	3.88
25.0	97F9040	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
1500 Volts Peak			
1.0	26F7500	A	2.12
2.0	26F7501	A	3.12
4.0	26F7502	C	3.12
5.0	26F7503	C	3.88
6.0	26F7504	C	4.25
8.0	26F7505	C	5.25
10.0	26F7506	D	5.25
2500 Volts Peak			
0.1	26F7515	A	2.12
0.25	26F7516	A	2.12
0.5	26F7517	A	2.12
1.0	26F7576	A	3.12
2.0	26F7519	A	4.25

Case Style A (97F Series)

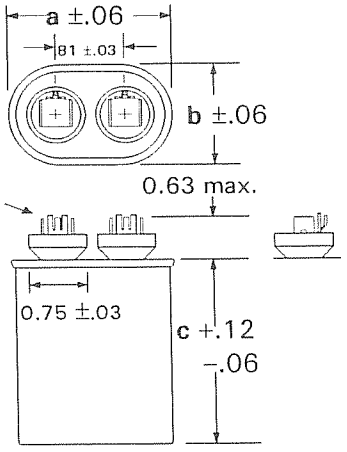


Case Style	K	J
P	1.75	1.88
S	2.00	2.12
T	2.50	2.62

Case Styles P, S and T



Case Styles A, B, C and D (26F Series)



Case Style	a	b
A	2.16	1.31
B	2.69	1.56
C	2.91	1.91

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