

General Purpose DC Capacitors

1500, and 2500 Volts Peak

This line of General Purpose DC Capacitors is made with film/paper technology for 1500V and 2500V ratings. 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 μ F
Capacitance Tolerance:	26F Series: $\pm 10\%$
Capacitance Variation with Temperature:	$\pm 5\%$ from $-40\text{ }^{\circ}\text{C}$ to $+70\text{ }^{\circ}\text{C}$
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:

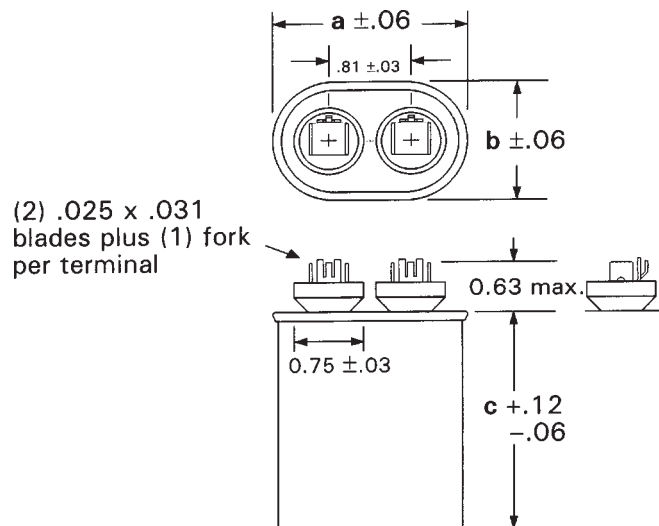
Frequency	% of Rated Voltage
60 Hz	30
120 Hz	20
400 Hz	14
1,000 Hz	8
10,000 Hz	1

Operating Temperature:	$-30\text{ }^{\circ}\text{C}$ to $+70\text{ }^{\circ}\text{C}$
Storage Temperature:	$-55\text{ }^{\circ}\text{C}$ to $+90\text{ }^{\circ}\text{C}$
Operating Life:	60,000 hours with 94% survival with proper derating
Dissipation Factor:	0.3% maximum
Case Material/Finish:	Aluminum Case (NO PAINT)
Terminations:	(2) 0.25 x 0.031 inch quick connect blades, and one fork blade per terminal
Dielectric Fluid:	Dielektrol VII
Internal Protection:	Pressure Sensitive Interrupter

STANDARD RATINGS

Capacitance (μ F)	Catalog #	Case Style	Height c (in)
1500 Volts Peak			
1	A26F7500	A	2.12
2	A26F7501	A	3.12
4	A26F7502	C	3.12
5	A26F7503	C	3.88
6	A26F7504	C	4.25
8	A26F7505	C	5.25
10	A26F7506	D	5.25
2500 Volts Peak			
0.1	A26F7515	A	2.12
0.25	A26F7516	A	2.12
0.5	A26F7517	A	2.12
1.0	A26F7576	A	3.12
2.0	A26F7519	A	4.25
4.0	A26F7520	C	4.25

General Purpose DC Capacitors (All Dimensions in Inches)



Case Style	a	b
A	2.16	1.31
B	2.69	1.56
C	2.91	1.91
D	3.66	1.97

Mounting Hardware

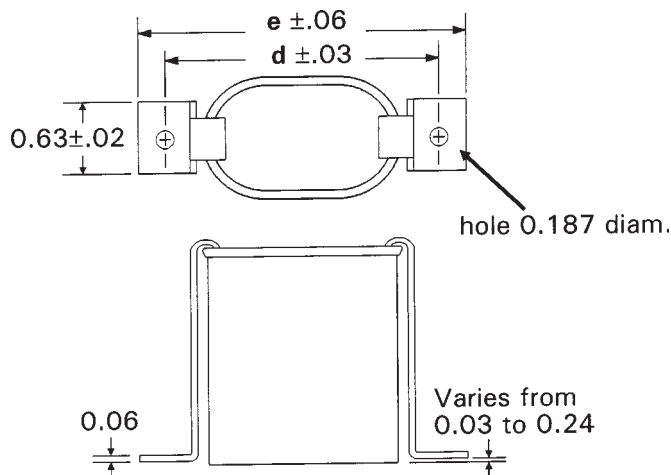
(All Dimensions in Inches)

FOOTED BRACKETS FOR OVAL CASE STYLES

(2 per Capacitor)

For the proper bracket, match the capacitor case height to the case height shown next to the bracket part

Case Height	Bracket Part Number
2.12	302C920000210
2.38	302C920000200
2.62	302C920000200
2.88	302C920000113
3.12	302C920000179
3.50	302C920000119
3.88	302C920000115
4.25	302C920000122
4.50	302C920000211
4.75	302C920000116
5.25	302C920000153
5.50	302C920000233
5.75	302C920000209
6.25	302C920000152
6.75	302C920000213
7.25	302C920000214



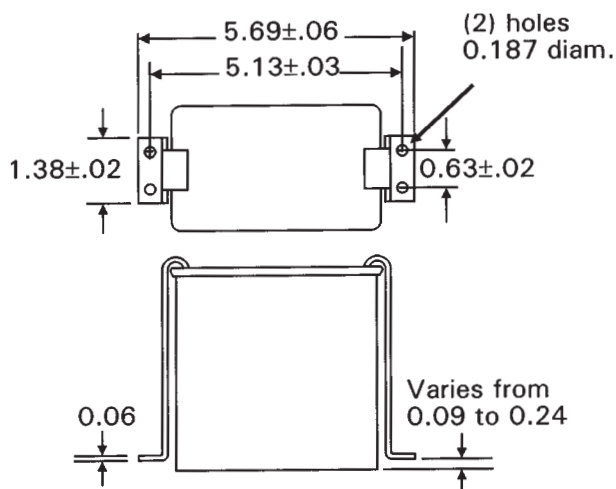
Case Style	d	e
**A	2.56	3.00
B	3.13	3.56
C	3.38	3.81
D	4.13	4.56

** Cannot be used on "A" base size units with threaded terminals (Aluminum covers).

FOOTED BRACKETS FOR RECTANGULAR CASE STYLE G

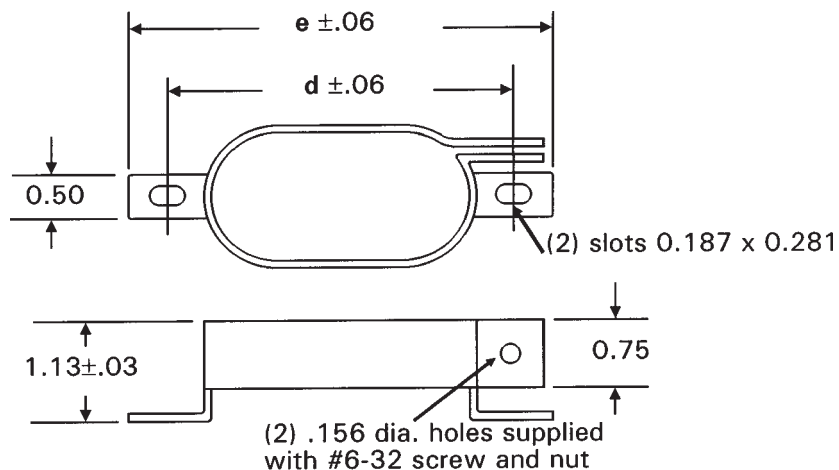
(2 per Capacitor)

Case Height	Bracket Part Number
5.18	302C920000189
6.25	302C920000190
7.25	302C920000207
8.00	302C920000194
9.00	302C920000196



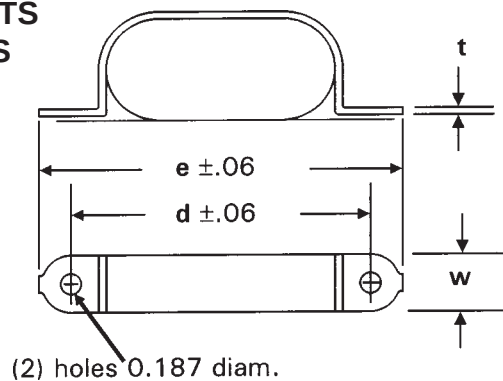
Mounting Hardware (All Dimensions in Inches)

UNIVERSAL WRAPAROUND BRACKETS FOR OVAL CASE STYLES



Case Style	Bracket Part number	d	e
A	128A2244AC021	2.69	3.13
B	128A2244AB025	3.27	3.70
C	128A2244AB022	3.44	3.88
D	128A2244AB023	4.19	4.63

WRAPAROUND BRACKETS FOR OVAL CASE STYLES



Case Style	Bracket Part Number	d	e	w	t
A	9827065000021	2.56	2.94	0.50	0.02
B	9827065000031	3.06	3.50	0.63	0.02
C	614A301000061	3.31	3.81	0.75	0.03
D	614A301000051	4/06	4.56	0.75	0.03