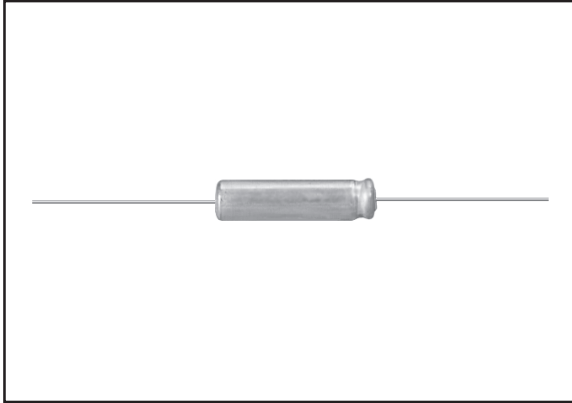


Aluminum Capacitors + 85°C, Miniature, General Purpose



FEATURES

- Increased CV efficiency
- New .709" [18.0mm] diameter case size

PERFORMANCE CHARACTERISTICS

Operating Temperature: - 40°C to + 85°C (3 WVDC to 250 WVDC); - 20°C to + 85°C (251 WVDC to 400 WVDC).

Capacitance Range: 0.22μF to 10,000μF.

Capacitance Tolerance: ± 20%.

Voltage Rating: 3 WVDC to 400 WVDC.

Case Size Range: .248" x .512" [6.3 x 13.0] to .709" x 1.574" [18.0 x 40.0].

Life Validation Test: 2000 hours @ + 85°C:

Δ CAP ≤ 20% from initial measurement.

Δ ESR ≤ 1.5 x initial specified limit.

Δ DCL ≤ the initial specified limit.

Shelf Test: 500 hours @ + 85°C:

Δ CAP ≤ 20% from initial measurement.

Δ ESR ≤ 1.5 x initial specified limit.

Δ DCL ≤ 2 x initial specified limit.

DC Leakage Current:

3 WVDC to 100 WVDC 101 WVDC to 400 WVDC

I = 0.01 CV + 10

I = 0.03 CV + 20.

I in μA, C in μF, V in Volts.

RIPPLE CURRENT MULTIPLIERS

TEMPERATURE				
Ambient Temperature	Multipliers			
+ 85°C	1.0			
+ 75°C	1.25			
≤ 65°C	1.5			
FREQUENCY (Hz)				
WVDC	50 - 60	100 - 120	300 - 400	1k - 100k
0 - 50	0.85	1.0	1.05	1.1
51 - 450	0.80	1.0	1.30	1.5

DIMENSIONS [Numbers in brackets indicate millimeters]

CASE CODE	NOMINAL		STYLE 2		STYLE 5	
	D	L	D (Max.)	L (Max.)	D (Max.)	L (Max.)
BA	.248 [6.300]	.512 [13.000]	.276 [7.000]	.567 [14.400]	.276 [7.000]	.626 [15.900]
BB	.248 [6.300]	.689 [17.500]	.276 [7.000]	.756 [19.200]	.276 [7.000]	.815 [20.700]
CB	.315 [8.000]	.689 [17.500]	.339 [8.600]	.756 [19.200]	.339 [8.600]	.815 [20.700]
CC	.315 [8.000]	.807 [20.500]	.339 [8.600]	.878 [22.300]	.339 [8.600]	.937 [23.800]
DC	.374 [9.500]	.807 [20.500]	.402 [10.200]	.878 [22.300]	.402 [10.200]	.937 [23.800]
DD	.374 [9.500]	.945 [24.000]	.402 [10.200]	1.01 [25.500]	.402 [10.200]	1.063 [27.000]
DF	.374 [9.500]	1.260 [32.000]	.402 [10.200]	1.319 [33.500]	.402 [10.200]	1.378 [35.000]
DH	.374 [9.500]	1.496 [38.000]	.402 [10.200]	1.567 [39.800]	.402 [10.200]	1.626 [41.300]
EF	.433 [11.000]	1.260 [32.000]	.465 [11.800]	1.319 [33.500]	.465 [11.800]	1.378 [35.000]
EH	.433 [11.000]	1.496 [38.000]	.465 [11.800]	1.567 [39.800]	.465 [11.800]	1.626 [41.300]
FH	.492 [12.500]	1.496 [38.000]	.516 [13.100]	1.567 [39.800]	.516 [13.100]	1.626 [41.300]
FK	.492 [12.500]	1.752 [44.500]	.516 [13.100]	1.831 [46.500]	.516 [13.100]	1.890 [48.000]
GH	.630 [16.000]	1.496 [38.000]	.654 [16.600]	1.567 [39.800]	.654 [16.600]	1.626 [41.300]
GK	.630 [16.000]	1.752 [44.500]	.654 [16.600]	1.831 [46.500]	.654 [16.600]	1.890 [48.000]
LS	.709 [18.000]	1.575 [40.000]	.736 [18.700]	1.673 [42.500]	.736 [18.700]	1.693 [43.000]



STANDARD RATINGS [Numbers in brackets indicate millimeters]		
CAPACITANCE (μF)	PART NUMBER	NOMINAL CASE SIZE D x L
6.3 WVDC @ + 85°C, SURGE = 8 V		
68.0	500D686M6R3BA2A	.248 x .512 [6.3 x 13.0]
150.0	500D157M6R3BB2A	.248 x .689 [6.3 x 17.5]
220.0	500D227M6R3CB2A	.315 x .689 [8.0 x 17.5]
330.0	500D337M6R3CC2A	.315 x .807 [8.0 x 20.5]
680.0	500D687M6R3DC2A	.374 x .807 [9.5 x 20.5]
820.0	500D827M6R3DD2A	.374 x .945 [9.5 x 24.0]
1200.0	500D128M6R3DF2A	.374 x 1.260 [9.5 x 32.0]
2200.0	500D228M6R3DH2A	.374 x 1.496 [9.5 x 38.0]
2200.0	500D228M6R3EF2A	.433 x 1.260 [11.0 x 32.0]
3300.0	500D338M6R3EH2A	.433 x 1.496 [11.0 x 38.0]
3300.0	500D338M6R3FH2A	.492 x 1.496 [12.5 x 38.0]
4700.0	500D478M6R3FK2A	.492 x 1.752 [12.5 x 44.5]
5600.0	500D568M6R3GH2A	.630 x 1.496 [16.0 x 38.0]
8200.0	500D828M6R3GK2A	.630 x 1.752 [16.0 x 44.5]
10000.0	500D109M6R3LS2A	.709 x 1.575 [18.0 x 40.0]
10 WVDC @ + 85°C, SURGE = 12 V		
47.0	500D476M010BA2A	.248 x .512 [6.3 x 13.0]
100.0	500D107M010BB2A	.248 x .689 [6.3 x 17.5]
220.0	500D227M010CB2A	.315 x .689 [8.0 x 17.5]
330.0	500D337M010CC2A	.315 x .807 [8.0 x 20.5]
470.0	500D477M010DC2A	.374 x .807 [9.5 x 20.5]
680.0	500D687M010DD2A	.374 x .945 [9.5 x 24.0]
1000.0	500D108M010DF2A	.374 x 1.260 [9.5 x 32.0]
1500.0	500D158M010DH2A	.374 x 1.496 [9.5 x 38.0]
1800.0	500D188M010EF2A	.433 x 1.260 [11.0 x 32.0]
2200.0*	500D228M010EH2	.433 x 1.496 [11.0 x 38.0]
2700.0	500D278M010EH2A	.433 x 1.496 [11.0 x 38.0]
2700.0	500D278M010FH2A	.492 x 1.496 [12.5 x 38.0]
3300.0*	500D338M010GH2	.630 x 1.496 [16.0 x 38.0]
3900.0	500D398M010FK2A	.492 x 1.752 [12.5 x 44.5]
4700.0	500D478M010GH2A	.630 x 1.496 [16.0 x 38.0]
6800.0	500D688M010GK2A	.630 x 1.752 [16.0 x 44.5]
8200.0	500D828M010LS2A	.709 x 1.575 [18.0 x 40.0]
12 WVDC @ + 85°C, SURGE = 15 V		
39.0	500D396M012BA2A	.248 x .512 [6.3 x 13.0]
68.0	500D686M012BB2A	.248 x .689 [6.3 x 17.5]
150.0	500D157M012CB2A	.315 x .689 [8.0 x 17.5]
220.0	500D227M012CC2A	.315 x .807 [8.0 x 20.5]
330.0	500D337M012DC2A	.374 x .807 [9.5 x 20.5]
560.0	500D567M012DD2A	.374 x .807 [9.5 x 20.5]
820.0	500D827M012DF2A	.374 x 1.260 [9.5 x 32.0]
1200.0	500D128M012DH2A	.374 x 1.496 [9.5 x 38.0]
1500.0	500D158M012EF2A	.433 x 1.260 [11.0 x 32.0]
2200.0	500D228M012EH2A	.433 x 1.496 [11.0 x 38.0]
2200.0	500D228M012FH2A	.492 x 1.496 [12.5 x 38.0]
2700.0	500D278M012FK2A	.492 x 1.752 [12.5 x 44.5]
3900.0	500D398M012GH2A	.630 x 1.496 [16.0 x 38.0]
5600.0	500D568M012GK2A	.630 x 1.752 [16.0 x 44.5]
6800.0	500D688M012LS2A	.709 x 1.575 [18.0 x 40.0]

* Original Part Numbers not recommended for new equipment designs. For epoxy end seal, change "2" designation to "5". "5" is not normally stocked.



STANDARD RATINGS [Numbers in brackets indicate millimeters]		
CAPACITANCE (μ F)	PART NUMBER	NOMINAL CASE SIZE D x L
16 WVDC @ + 85°C, SURGE = 20 V		
33.0	500D336M016BA2A	.248 x .512 [6.3 x 13.0]
68.0	500D686M016BB2A	.248 x .689 [6.3 x 17.5]
100.0*	500D107M016CB2	.315 x .689 [8.0 x 17.5]
150.0	500D157M016CB2A	.315 x .689 [8.0 x 17.5]
220.0	500D227M016CC2A	.315 x .807 [8.0 x 20.5]
330.0	500D337M016DC2A	.374 x .807 [9.5 x 20.5]
470.0	500D477M016DD2A	.374 x .945 [9.5 x 24.0]
680.0	500D687M016DF2A	.374 x 1.260 [9.5 x 32.0]
1000.0*	500D108M016DH2	.374 x 1.496 [9.5 x 38.0]
1200.0	500D128M016DH2A	.374 x 1.496 [9.5 x 38.0]
1200.0	500D128M016EF2A	.433 x 1.260 [11.0 x 32.0]
1500.0*	500D158M016EH2	.433 x 1.496 [11.0 x 38.0]
1800.0	500D188M016EH2A	.433 x 1.496 [11.0 x 38.0]
1800.0	500D188M016FH2A	.492 x 1.496 [12.5 x 38.0]
2200.0*	500D228M016FK2	.492 x 1.752 [12.5 x 44.5]
2700.0	500D278M016FK2A	.492 x 1.752 [12.5 x 44.5]
3300.0	500D338M016GH2A	.630 x 1.496 [16.0 x 38.0]
3300.0*	500D338M016GK2	.630 x 1.752 [16.0 x 44.5]
4700.0	500D478M016GK2A	.630 x 1.752 [16.0 x 44.5]
5600.0	500D568M016LS2A	.709 x 1.575 [18.0 x 40.0]
25 WVDC @ + 85°C, SURGE = 35 V		
22.0	500D226M025BA2A	.248 x .512 [6.3 x 13.0]
33.0*	500D336M025BB2	.248 x .689 [6.3 x 17.5]
47.0	500D476M025BB2A	.248 x .689 [6.3 x 17.5]
68.0	500D686M025CB2A	.315 x .689 [8.0 x 17.5]
100.0	500D107M025CC2A	.315 x .807 [8.0 x 20.5]
150.0*	500D157M025DC2	.374 x .807 [9.5 x 20.5]
220.0	500D227M025DC2A	.374 x .807 [9.5 x 20.5]
330.0	500D337M025DD2A	.374 x .945 [9.5 x 24.0]
330.0*	500D337M025DF2	.374 x 1.260 [9.5 x 32.0]
470.0	500D477M025DF2A	.374 x 1.260 [9.5 x 32.0]
820.0	500D827M025DH2A	.374 x 1.496 [9.5 x 38.0]
680.0	500D687M025EF2A	.433 x 1.260 [11.0 x 32.0]
1000.0*	500D108M025FH2	.492 x 1.496 [12.5 x 38.0]
1200.0	500D128M025EH2A	.433 x 1.496 [11.0 x 38.0]
1200.0	500D128M025FH2A	.492 x 1.496 [12.5 x 38.0]
1800.0	500D188M025FK2A	.492 x 1.752 [12.5 x 44.5]
1800.0	500D188M025GH2A	.630 x 1.496 [16.0 x 38.0]
2200.0*	500D228M025GK2	.630 x 1.752 [16.0 x 44.5]
2700.0	500D278M025GK2A	.630 x 1.752 [16.0 x 44.5]
3300.0	500D338M025LS2A	.709 x 1.575 [18.0 x 40.0]
35 WVDC @ + 85°C, SURGE = 40 V		
15.0*	500D156M035BA2	.248 x .512 [6.3 x 13.0]
47.0*	500D476M035CB2	.315 x .689 [8.0 x 17.5]
330.0*	500D337M035DH2	.374 x 1.496 [9.5 x 38.0]
470.0*	500D477M035EH2	.433 x 1.496 [11.0 x 38.0]
680.0*	500D687M035FK2	.492 x 1.752 [12.5 x 44.5]
1000.0*	500D108M035GH2	.630 x 1.496 [16.0 x 38.0]

* Original Part Numbers not recommended for new equipment designs. For epoxy end seal, change "2" designation to "5". "5" is not normally stocked.



STANDARD RATINGS [Numbers in brackets indicate millimeters]		
CAPACITANCE (μF)	PART NUMBER	NOMINAL CASE SIZE D x L
40 WVDC @ + 85°C, SURGE = 50 V		
15.0	500D156M040BA2A	.248 x .512 [6.3 x 13.0]
22.0	500D226M040BB2A	.248 x .689 [6.3 x 17.5]
47.0	500D476M040CB2A	.315 x .689 [8.0 x 17.5]
68.0	500D686M040CC2A	.315 x .807 [8.0 x 20.5]
100.0	500D107M040DC2A	.374 x .807 [9.5 x 20.5]
180.0	500D187M040DD2A	.374 x .945 [9.5 x 24.0]
270.0	500D277M040DF2A	.374 x 1.260 [9.5 x 32.0]
470.0	500D477M040DH2A	.374 x 1.496 [9.5 x 38.0]
470.0	500D477M040EF2A	.433 x 1.260 [11.0 x 32.0]
680.0	500D687M040EH2A	.433 x 1.496 [11.0 x 38.0]
680.0	500D687M040FH2A	.492 x 1.496 [12.5 x 38.0]
1000.0	500D108M040FK2A	.492 x 1.752 [12.5 x 44.5]
1200.0	500D128M040GH2A	.630 x 1.496 [16.0 x 38.0]
1800.0	500D188M040GK2A	.630 x 1.752 [16.0 x 44.5]
2200.0	500D228M040LS2A	.709 x 1.575 [18.0 x 40.0]
50 WVDC @ + 85°C, SURGE = 65 V		
10.0	500D106M050BA2A	.248 x .512 [6.3 x 13.0]
22.0	500D226M050BB2A	.248 x .689 [6.3 x 17.5]
33.0	500D336M050CB2A	.315 x .689 [8.0 x 17.5]
68.0	500D686M050CC2A	.315 x .807 [8.0 x 20.5]
100.0	500D107M050DC2A	.374 x .807 [9.5 x 20.5]
150.0	500D157M050DD2A	.374 x .945 [9.5 x 24.0]
220.0	500D227M050DF2A	.374 x 1.260 [9.5 x 32.0]
330.0	500D337M050DH2A	.374 x 1.496 [9.5 x 38.0]
330.0	500D337M050EF2A	.433 x 1.260 [11.0 x 32.0]
560.0	500D567M050EH2A	.433 x 1.496 [11.0 x 38.0]
470.0	500D477M050FH2A	.492 x 1.496 [12.5 x 38.0]
680.0*	500D687M050GH2	.630 x 1.496 [16.0 x 38.0]
820.0	500D827M050FK2A	.492 x 1.752 [12.5 x 44.5]
820.0	500D827M050GH2A	.630 x 1.496 [16.0 x 38.0]
1000.0*	500D108M050GK2	.630 x 1.752 [16.0 x 44.5]
1500.0	500D158M050GK2A	.630 x 1.752 [16.0 x 44.5]
1800.0	500D188M050LS2A	.709 x 1.575 [18.0 x 40.0]
63 WVDC @ + 85°C, SURGE = 75 V		
6.8	500D685M063BA2A	.248 x .512 [6.3 x 13.0]
15.0	500D156M063BB2A	.248 x .689 [6.3 x 17.5]
22.0*	500D226M063CB2	.315 x .689 [8.0 x 17.5]
33.0	500D336M063CB2A	.315 x .689 [8.0 x 17.5]
47.0	500D476M063CC2A	.315 x .807 [8.0 x 20.5]
68.0	500D686M063DC2A	.374 x .807 [9.5 x 20.5]
100.0	500D107M063DD2A	.374 x .945 [9.5 x 24.0]
150.0	500D157M063DF2A	.374 x 1.260 [9.5 x 32.0]
220.0*	500D227M063DH2	.374 x 1.496 [9.5 x 38.0]
220.0	500D227M063EF2A	.433 x 1.260 [11.0 x 32.0]
270.0	500D277M063DH2A	.374 x 1.496 [9.5 x 38.0]
390.0	500D397M063FH2A	.492 x 1.496 [12.5 x 38.0]
470.0	500D477M063EH2A	.433 x 1.496 [11.0 x 38.0]
470.0*	500D477M063FK2	.492 x 1.752 [12.5 x 44.5]
560.0	500D567M063FK2A	.492 x 1.752 [12.5 x 44.5]
560.0	500D567M063GH2A	.630 x 1.496 [16.0 x 38.0]
1000.0	500D108M063GK2A	.630 x 1.752 [16.0 x 44.5]
1200.0	500D128M063LS2A	.709 x 1.575 [18.0 x 40.0]

* Original Part Numbers not recommended for new equipment designs. For epoxy end seal, change "2" designation to "5". "5" is not normally stocked.



STANDARD RATINGS [Numbers in brackets indicate millimeters]		
CAPACITANCE (μF)	PART NUMBER	NOMINAL CASE SIZE D x L
80 WVDC @ + 85°C, SURGE = 100 V		
4.7*	500D475M080BA2	.248 x .512 [6.3 x 13.0]
47.0*	500D476M080DC2	.374 x .807 [9.5 x 20.5]
100 WVDC @ + 85°C, SURGE = 125 V		
1.0*	500D105M100BA2	.248 x .512 [6.3 x 13.0]
2.2*	500D225M100BA2	.248 x .512 [6.3 x 13.0]
3.3	500D335M100BA2A	.248 x .512 [6.3 x 13.0]
4.7	500D475M100BB2A	.248 x .689 [6.3 x 17.5]
10.0	500D106M100CB2A	.315 x .689 [8.0 x 17.5]
15.0	500D156M100CC2A	.315 x .807 [8.0 x 20.5]
22.0	500D226M100DC2A	.374 x .807 [9.5 x 20.5]
33.0*	500D336M100DD2	.374 x .945 [9.5 x 24.0]
39.0	500D396M100DD2A	.374 x .945 [9.5 x 24.0]
47.0*	500D476M100DF2	.374 x 1.260 [9.5 x 32.0]
56.0	500D566M100DF2A	.374 x 1.260 [9.5 x 32.0]
100.0	500D107M100DH2A	.374 x 1.496 [9.5 x 38.0]
100.0	500D107M100EF2A	.433 x 1.260 [11.0 x 32.0]
100.0*	500D107M100EH2	.433 x 1.496 [11.0 x 38.0]
150.0	500D157M100EH2A	.433 x 1.496 [11.0 x 38.0]
150.0	500D157M100FH2A	.492 x 1.496 [12.5 x 38.0]
220.0	500D227M100FK2A	.492 x 1.752 [12.5 x 44.5]
220.0	500D227M100GH2A	.630 x 1.496 [16.0 x 38.0]
220.0*	500D227M100GK2	.630 x 1.752 [16.0 x 44.5]
390.0	500D397M100GK2A	.630 x 1.752 [16.0 x 44.5]
470.0	500D477M100LS2A	.709 x 1.575 [18.0 x 40.0]
150 WVDC @ + 85°C, SURGE = 175 V		
1.0*	500D105M150BA2	.248 x .512 [6.3 x 13.0]
10.0*	500D106M150DC2	.374 x .807 [9.5 x 20.5]
22.0*	500D226M150DF2	.374 x 1.260 [9.5 x 32.0]
33.0*	500D336M150EF2	.433 x 1.260 [11.0 x 32.0]
47.0*	500D476M150EH2	.433 x 1.496 [11.0 x 38.0]
160 WVDC @ + 85°C, SURGE = 180 V		
1.5	500D155M160BA2A	.248 x .512 [6.3 x 13.0]
2.7	500D275M160BB2A	.248 x .689 [6.3 x 17.5]
3.3	500D335M160CB2A	.315 x .689 [8.0 x 17.5]
6.8	500D685M160CC2A	.315 x .807 [8.0 x 20.5]
10.0	500D106M160DC2A	.374 x .807 [9.5 x 20.5]
15.0	500D156M160DD2A	.374 x .945 [9.5 x 24.0]
22.0	500D226M160DF2A	.374 x 1.260 [9.5 x 32.0]
27.0	500D276M160DH2A	.374 x 1.496 [9.5 x 38.0]
33.0	500D336M160EF2A	.433 x 1.260 [11.0 x 32.0]
47.0	500D476M160EH2A	.433 x 1.496 [11.0 x 38.0]
47.0	500D476M160FH2A	.492 x 1.496 [12.5 x 38.0]
56.0	500D566M160FK2A	.492 x 1.752 [12.5 x 44.5]
82.0	500D826M160GH2A	.630 x 1.496 [16.0 x 38.0]
100.0	500D107M160GK2A	.630 x 1.752 [16.0 x 44.5]
120.0	500D127M160LS2A	.709 x 1.575 [18.0 x 40.0]
200 WVDC @ + 85°C, SURGE = 250 V		
1.2	500D125M200BA2A	.248 x .512 [6.3 x 13.0]
2.2	500D225M200BB2A	.248 x .689 [6.3 x 17.5]
2.2*	500D225M200CB2	.315 x .689 [8.0 x 17.5]
2.7	500D275M200CB2A	.315 x .689 [8.0 x 17.5]
3.3*	500D335M200CC2	.315 x .807 [8.0 x 20.5]

* Original Part Numbers not recommended for new equipment designs. For epoxy end seal, change "2" designation to "5". "5" is not normally stocked.



STANDARD RATINGS [Numbers in brackets indicate millimeters]		
CAPACITANCE (μ F)	PART NUMBER	NOMINAL CASE SIZE D x L
200 WVDC @ + 85°C, SURGE = 250 V		
4.7	500D475M200CC2A	.315 x .807 [8.0 x 20.5]
8.2	500D825M200DC2A	.374 x .807 [9.5 x 20.5]
10.0	500D106M200DD2A	.374 x .945 [9.5 x 24.0]
15.0	500D156M200DF2A	.374 x 1.260 [9.5 x 32.0]
22.0	500D226M200DH2A	.374 x 1.496 [9.5 x 38.0]
27.0	500D276M200EF2A	.433 x 1.260 [11.0 x 32.0]
33.0	500D336M200EH2A	.433 x 1.496 [11.0 x 38.0]
33.0*	500D336M200FK2	.492 x 1.752 [12.5 x 44.5]
39.0	500D396M200FH2A	.492 x 1.496 [12.5 x 38.0]
47.0	500D476M200FK2A	.492 x 1.752 [12.5 x 44.5]
68.0	500D686M200GH2A	.630 x 1.496 [16.0 x 38.0]
82.0	500D826M200GK2A	.630 x 1.752 [16.0 x 44.5]
100.0	500D107M200LS2A	.709 x 1.575 [18.0 x 40.0]
250 WVDC @ + 85°C, SURGE = 300 V		
1.0	500D105M250BA2A	.248 x .512 [6.3 x 13.0]
1.5*	500D155M250CB2	.315 x .689 [8.0 x 17.5]
1.8	500D185M250BB2A	.248 x .689 [6.3 x 17.5]
2.2	500D225M250CB2A	.315 x .689 [8.0 x 17.5]
2.2*	500D225M250CC2	.315 x .807 [8.0 x 20.5]
3.3	500D335M250CC2A	.315 x .807 [8.0 x 20.5]
4.7*	500D475M250DC2	.374 x .807 [9.5 x 20.5]
6.8	500D685M250DC2A	.374 x .807 [9.5 x 20.5]
8.2	500D825M250DD2A	.374 x .945 [9.5 x 24.0]
10.0*	500D106M250DF2	.374 x 1.260 [9.5 x 32.0]
12.0	500D126M250DF2A	.374 x 1.260 [9.5 x 32.0]
15.0*	500D156M250EF2	.433 x 1.260 [11.0 x 32.0]
18.0	500D186M250DH2A	.374 x 1.496 [9.5 x 38.0]
18.0	500D186M250EF2A	.433 x 1.260 [11.0 x 32.0]
22.0*	500D226M250EH2	.433 x 1.496 [11.0 x 38.0]
27.0	500D276M250EH2A	.433 x 1.496 [11.0 x 38.0]
27.0	500D276M250FH2A	.492 x 1.496 [12.5 x 38.0]
39.0	500D396M250FK2A	.492 x 1.752 [12.5 x 44.5]
47.0	500D476M250GH2A	.630 x 1.496 [16.0 x 38.0]
47.0*	500D476M250GK2	.630 x 1.752 [16.0 x 44.5]
56.0	500D566M250GK2A	.630 x 1.752 [16.0 x 44.5]
82.0	500D826M250LS2A	.709 x 1.575 [18.0 x 40.0]
350 WVDC @ + 85°C, SURGE = 400 V		
0.47	500D474M350BA2A	.248 x .512 [6.3 x 13.0]
0.82	500D824M350BB2A	.248 x .689 [6.3 x 17.5]
1.0*	500D105M350CB2	.315 x .689 [8.0 x 17.5]
1.2	500D125M350CB2A	.315 x .689 [8.0 x 17.5]
1.8	500D185M350CC2A	.315 x .807 [8.0 x 20.5]
2.2*	500D225M350DC2	.374 x .807 [9.5 x 20.5]
3.3	500D335M350DC2A	.374 x .807 [9.5 x 20.5]
3.9	500D395M350DD2A	.374 x .945 [9.5 x 24.0]
4.7*	500D475M350DF2	.374 x 1.260 [9.5 x 32.0]
5.6	500D565M350DF2A	.374 x 1.260 [9.5 x 32.0]
8.2	500D825M350DH2A	.374 x 1.496 [9.5 x 38.0]
10.0	500D106M350EF2A	.433 x 1.260 [11.0 x 32.0]
10.0*	500D106M350EH2	.433 x 1.496 [11.0 x 38.0]
12.0	500D126M350EH2A	.433 x 1.496 [11.0 x 38.0]
15.0	500D156M350FH2A	.492 x 1.496 [12.5 x 38.0]
18.0	500D186M350FK2A	.492 x 1.752 [12.5 x 44.5]
22.0	500D226M350GH2A	.630 x 1.496 [16.0 x 38.0]
33.0	500D336M350GK2A	.630 x 1.752 [16.0 x 44.5]
39.0	500D396M350LS2A	.709 x 1.575 [18.0 x 40.0]

* Original Part Numbers not recommended for new equipment designs. For epoxy end seal, change "2" designation to "5". "5" is not normally stocked.



STANDARD RATINGS [Numbers in brackets indicate millimeters]		
CAPACITANCE (μ F)	PART NUMBER	NOMINAL CASE SIZE D x L
400 WVDC @ + 85°C, SURGE = 450 V		
0.27	500D274M400BA2A	.248 x .512 [6.3 x 13.0]
0.56	500D564M400BB2A	.248 x .689 [6.3 x 17.5]
0.68	500D684M400CB2A	.315 x .689 [8.0 x 17.5]
1.0	500D105M400CC2A	.315 x .807 [8.0 x 20.5]
1.5*	500D155M400DC2	.374 x .807 [9.5 x 20.5]
2.2	500D225M400DD2A	.374 x .945 [9.5 x 24.0]
2.7	500D275M400DD2A	.374 x .945 [9.5 x 24.0]
3.9	500D395M400DF2A	.374 x 1.260 [9.5 x 32.0]
5.6	500D565M400DH2A	.374 x 1.496 [9.5 x 38.0]
6.8	500D685M400EF2A	.433 x 1.260 [11.0 x 32.0]
10.0	500D106M400EH2A	.433 x 1.496 [11.0 x 38.0]
10.0*	500D106M400FK2	.492 x 1.752 [12.5 x 44.5]
12.0	500D126M400FH2A	.492 x 1.496 [12.5 x 38.0]
15.0	500D156M400FK2A	.492 x 1.752 [12.5 x 44.5]
18.0	500D186M400GH2A	.630 x 1.496 [16.0 x 38.0]
22.0	500D226M400GK2A	.630 x 1.752 [16.0 x 44.5]
39.0	500D396M400LS2A	.709 x 1.575 [18.0 x 40.0]
450 WVDC @ + 85°C, SURGE = 500 V		
0.22	500D224M450BA2A	.248 x .512 [6.3 x 13.0]
0.47	500D474M450BB2A	.248 x .689 [6.3 x 17.5]
0.56	500D564M450CB2A	.315 x .689 [8.0 x 17.5]
0.82	500D824M450CC2A	.315 x .807 [8.0 x 20.5]
1.0*	500D105M450DC2	.374 x .807 [9.5 x 20.5]
1.8	500D185M450DC2A	.374 x .807 [9.5 x 20.5]
2.2	500D225M450DD2A	.374 x .945 [9.5 x 24.0]
2.2*	500D225M450DF2	.374 x 1.260 [9.5 x 32.0]
3.3	500D335M450DF2A	.374 x 1.260 [9.5 x 32.0]
4.7	500D475M450DH2A	.374 x 1.496 [9.5 x 38.0]
5.6	500D565M450EF2A	.433 x 1.260 [11.0 x 32.0]
8.2	500D825M450EH2A	.433 x 1.496 [11.0 x 38.0]
10.0	500D106M450FH2A	.492 x 1.496 [12.5 x 38.0]
10.0*	500D106M450GK2	.630 x 1.752 [16.0 x 44.5]
12.0	500D126M450FK2A	.492 x 1.752 [12.5 x 44.5]
15.0	500D156M450GH2A	.630 x 1.496 [16.0 x 38.0]
18.0	500D186M450GK2A	.630 x 1.752 [16.0 x 44.5]
33.0	500D336M450LS2A	.709 x 1.575 [18.0 x 40.0]

* Original Part Numbers not recommended for new equipment designs. For epoxy end seal, change "2" designation to "5". "5" is not normally stocked.

