Types 381L/LX & 4-pin Mount 383LX (105 °C)

Adding longer-life and more ripple capability to the excellent value of Type 380L/LX capacitors, the 381L/LX readily handles tough switching power supply input and output circuits and motor-drive bus capacitor applications where the high surface area of multiple units in parallel equals the ripple capability of our Type 520C inverter-grade capacitor. Type 381LX delivers more capacitance per can size while Type 381L gives lower ESR for the same capacitance rating. Type 383L gives the choice of 4 or 5 leads for stable, reverseproof mounting. Type 383LX has 5 leads available.

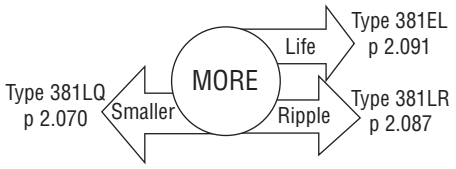
Highlights

- Latest available ratings, worldwide
- Top performance in power supplies and motor drives
- 4 times the life of Type 380L/LX
- Big selection of 46 case sizes
- 2, 4 and 5 leads available

Specifications

Operating Temperature: −40 °C to 105 °C up to 315 Vdc, −25 °C 350 Vdc and up
Rated Voltage: 10 Vdc to 450 Vdc
Capacitance: 33 µF to150,000 µF ±20%
Leakage Current: $\leq 3\sqrt{CV}$ µA
Ripple Current Multipliers: **Ambient Temperature**

	45 °C	60 °C	70 °C	85 °C	105°C
381L	2.7	2.6	2.5	2.1	1.0
381LX, 383 LX	2.35	2.2	2.0	1.70	1.0



Frequency

	50 Hz	60 Hz	120 Hz	500 Hz	1 kHz	10 kHz & up
10-100 Vdc	.93	.95	1.00	1.05	1.08	1.15
160-400 Vdc	.95	.98	1.00	1.20	1.25	1.40

EIA Ripple Life: 12,000 h @ 85 °C, Full load as per EIA IS-749
Δ Capacitance ±20%,
ESR 200% of limit,
DCL 100% of limit
Shelf Life: 1000 h @ 105 °C, capacitance ±20%, DF 200% of limit, DCL 100% of limit.
Vibration: 10 to 55 Hz, 0.06" and 10 g max, 2 h in each plane

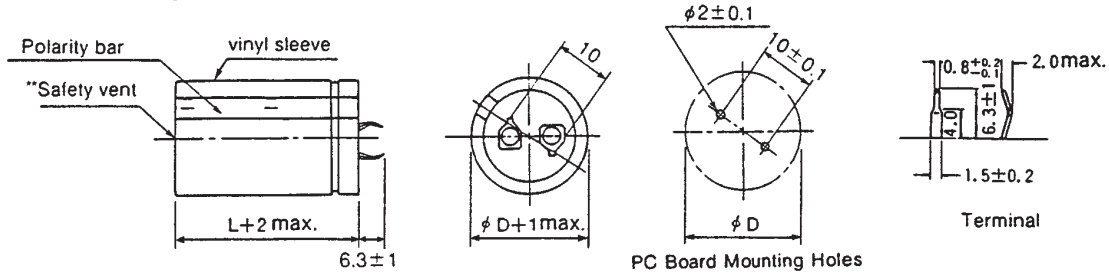
Notice: **Type 381L is not for new design. Please substitute Type 381LX.**

140 Technology Place
Liberty, SC 29657
(864) 843-2277, Fax (864) 843-3800
http://www.cornell-dubilier.com
E-mail: cde@cornell-dubilier.com

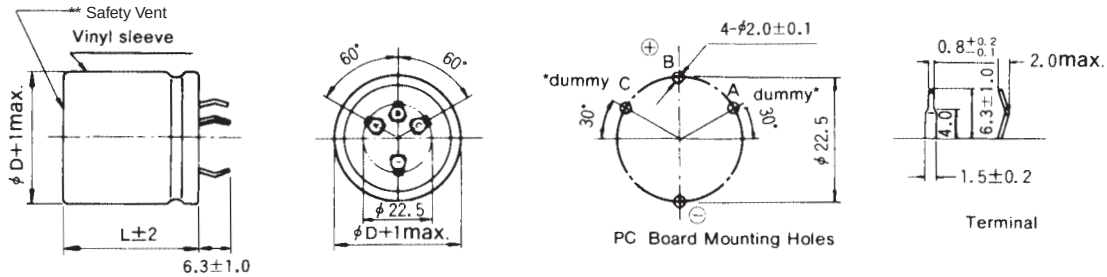
CDE CORNELL DUBILIER
Your Source For Capacitor Solutions

Outline Drawings

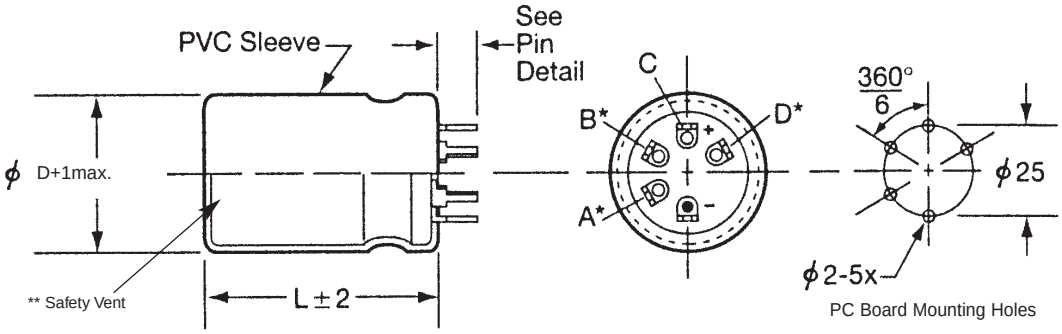
Two Pins
381L/LX (20 through 40 mm diameter)



Four Pins
383L/LX (35 and 40 mm diameter)

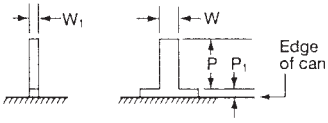


Five Pins
383L (40 and 50 mm diameter)



Terminal	Connection	
	40 mm Dia.	50 mm Dia.
A	dummy	negative (–)
B	dummy	dummy
C	positive (+)	positive (+)
D	dummy	positive (+)
–	negative (–)	negative (–)

V Terminal Standoff Pin Dimensions



Type	P	P_1	W	W_1
V	3.75±0.1	0.6 min.	1.5±0.1	0.7

Notes:
* Use dummy terminals for mechanical support only. Make no electrical connection because they resistively connect through the electrolyte to the negative terminal.

** Safety Vent may be on the bottom or on the side of the can.

CDE CORNELL DUBILIER
Your Source For Capacitor Solutions
140 Technology Place
Liberty, SC 29657
(864) 843-2277, Fax (864) 843-3800
http://www.cornell-dubilier.com
E-mail: cde@cornell-dubilier.com

Types 381L, 383L, 381LX & 383LX, 105 °C High-Ripple Snap-In

Insulated Case Dimensions

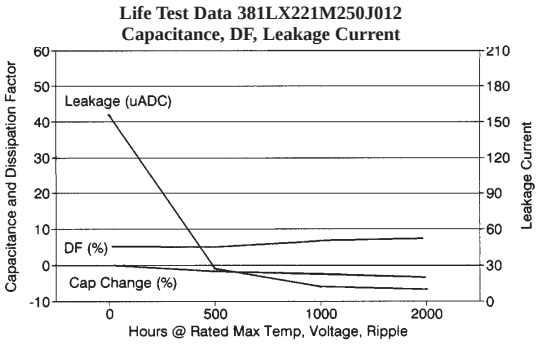
Case Code	DIAMETER "D" mm	DIAMETER "D" inches	LENGTH "L" mm	LENGTH "L" inches	Typical Weight (grams)
G01	20	0.79	25	0.98	14
G02	20	0.79	30	1.18	17
G03	20	0.79	35	1.38	19
G04	20	0.79	40	1.57	21
H20	22	0.87	20	0.79	14
H01	22	0.87	25	0.98	16
H02	22	0.87	30	1.18	19
H03	22	0.87	35	1.38	22
H04	22	0.87	40	1.57	24
H45	22	0.87	45	1.77	28
H05	22	0.87	50	1.97	31
J20	25	0.98	20	0.79	16
J01	25	0.98	25	0.98	20
J02	25	0.98	30	1.18	24
J03	25	0.98	35	1.38	27
J04	25	0.98	40	1.57	31
J045	25	0.98	45	1.77	35
J05	25	0.98	50	1.97	38
K20	30	1.18	20	0.79	25
K01	30	1.18	25	0.98	30
K02	30	1.18	30	1.18	35
K03	30	1.18	35	1.38	40
K04	30	1.18	40	1.57	44
K45	30	1.18	45	1.77	48
K05	30	1.18	50	1.97	53

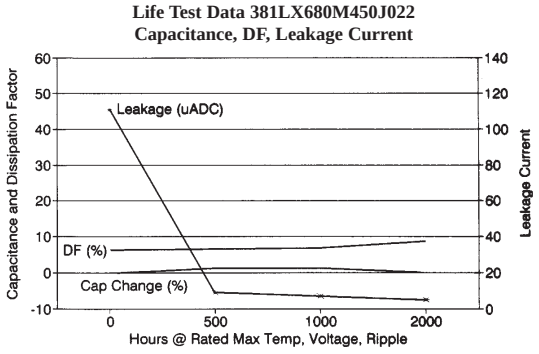
Case Code	DIAMETER "D" mm	DIAMETER "D" inches	LENGTH "L" mm	LENGTH "L" inches	Typical Weight (grams)
A20	35	1.38	20	0.79	35
A01	35	1.38	25	0.98	42
A02	35	1.38	30	1.18	48
A03	35	1.38	35	1.38	54
A04	35	1.38	40	1.57	62
A45	35	1.38	45	1.77	67
A05	35	1.38	50	1.97	74
A06	35	1.38	63	2.48	88
A07	35	1.38	70	2.76	98
A08	35	1.38	80	3.15	112
A10	35	1.38	105	4.13	144
N04	40	1.57	40	1.57	82
N05	40	1.57	50	1.97	105
N06	40	1.57	63	2.48	130
N08	40	1.57	80	3.15	185
N10	40	1.57	105	4.13	265
B05	50	1.97	50	1.97	136
B06	50	1.97	63	2.48	168
B08	50	1.97	80	3.15	239
B09	50	1.97	92	3.62	241
B10	50	1.97	105	4.13	325

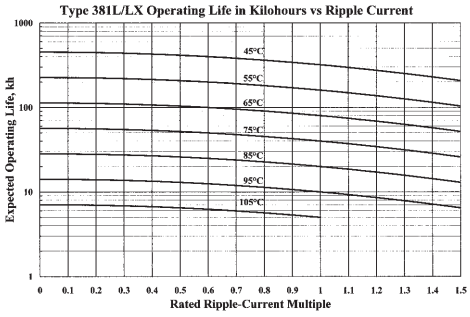
Part Numbering System

383LX	472	M	200	N08	2	V
Type	**Capacitance**	**Tolerance**	**Rated Voltage**	**Case Code**	**Insulation**	**383L/LX 4 or 5 Pin Mount**
381L (2 pins)	**681** = 680 µF	**M** = ±20%	Vdc		**2** = PVC	blank = 4 pins (35 or 40 mm dia)
381LX (2 pins)	**472** = 4700 µF					V = 5 pins (40 or 50 mm dia)
383L (4 or 5 pins)						
383LX (4 or 5 pins)						

Typical Performance Curves







140 Technology Place
Liberty, SC 29657
(864) 843-2277, Fax (864) 843-3800
http://www.cornell-dubilier.com
E-mail: cde@cornell-dubilier.com

CDE CORNELL DUBILIER
Your Source For Capacitor Solutions

Ratings

Cap. µF	Catalog Number	Max. ESR Ω @ 25 °C 120 Hz	Max. ESR Ω @ 25 °C 20 kHz	Ripple Amps Max. @ 105 °C 120 Hz	Ripple Amps Max. @ 105 °C 20 kHz	Nominal Size DxL (mm)
10 Vdc (13 Vdc Surge)						
4700	381L472M010H012	0.127	0.096	1.80	2.10	22x25
6800	381L682M010H022	0.087	0.066	2.10	2.40	22x30
6800	381L682M010J012	0.087	0.066	2.10	2.40	25x25
6800	381L682M010H012	0.098	0.074	2.10	2.40	22x25
6800	381LX682M010G012	0.107	0.081	1.30	1.50	20x25
8200	381L822M010J012	0.081	0.061	2.30	2.60	25x25
8200	381LX822M010G022	0.089	0.067	1.60	1.80	20x30
10000	381L103M010H042	0.060	0.045	2.50	2.90	22x40
10000	381L103M010J022	0.060	0.045	2.50	2.90	25x30
10000	381L103M010K012	0.060	0.045	2.50	2.90	30x25
10000	381L103M010H022	0.066	0.050	2.50	2.90	22x30
10000	381LX103M010G022	0.073	0.055	1.80	2.10	20x30
10000	381LX103M010H012	0.073	0.055	1.80	2.10	22x25
12000	381LX123M010G032	0.061	0.046	2.20	2.50	20x35
12000	381LX123M010H022	0.061	0.046	2.20	2.50	22x30
12000	381L123M010H032	0.073	0.042	2.80	3.20	22x35
12000	381L123M010J022	0.073	0.042	2.80	3.20	25x30
15000	381L153M010H052	0.040	0.026	3.10	3.60	22x50
15000	381L153M010J042	0.040	0.026	3.10	3.60	25x40
15000	381L153M010K022	0.040	0.026	3.10	3.60	30x30
15000	381L153M010H042	0.044	0.033	3.10	3.60	22x40
15000	381L153M010J032	0.044	0.033	3.10	3.60	25x35
15000	381L153M010K012	0.044	0.033	3.10	3.60	30x25
15000	381LX153M010G042	0.049	0.037	2.30	2.60	20x40
15000	381LX153M010H032	0.049	0.037	2.30	2.60	22x35
15000	381LX153M010J012	0.049	0.037	2.30	2.60	25x25
18000	381L183M010H052	0.037	0.028	3.20	3.70	22x50
18000	381L183M010J042	0.037	0.028	3.20	3.70	25x40
18000	381L183M010K022	0.037	0.028	3.20	3.70	30x30
18000	381L183M010A012	0.037	0.028	3.20	3.70	35x25
18000	381LX183M010H042	0.041	0.031	2.40	2.80	22x40
18000	381LX183M010J022	0.041	0.031	2.40	2.80	25x30
22000	381L223M010J052	0.027	0.020	3.40	3.90	25x50
22000	381L223M010K042	0.027	0.020	3.40	3.90	30x40
22000	381L223M010A022	0.027	0.020	3.40	3.90	35x30
22000	381L223M010K032	0.030	0.023	3.40	3.90	30x35
22000	381LX223M010H452	0.033	0.025	2.60	3.00	22x45
22000	381LX223M010J032	0.033	0.025	2.60	3.00	25x35
22000	381LX223M010K012	0.033	0.025	2.60	3.00	30x25
27000	381L273M010J052	0.025	0.019	3.70	4.30	25x50
27000	381L273M010K042	0.025	0.019	3.70	4.30	30x40
27000	381L273M010A032	0.025	0.019	3.70	4.30	35x35
27000	381LX273M010H052	0.027	0.020	3.10	3.60	22x50
27000	381LX273M010J042	0.027	0.020	3.10	3.60	25x40
27000	381LX273M010K022	0.027	0.020	3.10	3.60	30x30
27000	381LX273M010A012	0.027	0.020	3.10	3.60	35x25
33000	381L333M010K052	0.018	0.014	3.90	4.50	30x50
33000	381L333M010A042	0.018	0.014	3.90	4.50	35x40
33000	381LX333M010J452	0.022	0.017	3.40	3.90	25x45
33000	381LX333M010K032	0.022	0.017	3.40	3.90	30x35
33000	381LX333M010A022	0.022	0.017	3.40	3.90	35x30
39000	381L393M010K052	0.017	0.013	4.50	5.20	30x50
39000	381L393M010A042	0.017	0.013	4.50	5.20	35x40
39000	381LX393M010J052	0.021	0.016	3.70	4.30	25x50
39000	381LX393M010K042	0.021	0.016	3.70	4.30	30x40
39000	381LX393M010A022	0.021	0.016	3.70	4.30	35x30
47000	381LX473M010K452	0.019	0.014	4.20	4.80	30x45
47000	381LX473M010A032	0.019	0.014	4.20	4.80	35x35
56000	381LX563M010K052	0.018	0.014	5.00	5.80	30x50
56000	381LX563M010A042	0.018	0.014	5.00	5.80	35x40
68000	381LX683M010A052	0.018	0.014	5.50	6.30	35x50
82000	381L823M010A062	0.013	0.008	6.30	7.90	35x63
82000	383L823M010N052	0.014	0.009	5.90	7.30	40x50
100000	381L104M010A072	0.011	0.007	7.30	9.00	35x70

Cap. µF	Catalog Number	Max. ESR Ω @ 25 °C 120 Hz	Max. ESR Ω @ 25 °C 20 kHz	Ripple Amps Max. @ 105 °C 120 Hz	Ripple Amps Max. @ 105 °C 20 kHz	Nominal Size DxL (mm)
10 Vdc (13 Vdc Surge) (cont'd)						
120000	381L124M010A082	0.010	0.006	8.20	10.00	35x80
120000	383L124M010N062	0.012	0.008	7.10	8.60	40x63
150000	383L154M010N082	0.009	0.006	8.90	10.60	40x80
16 Vdc (20 Vdc Surge)						
3300	381L332M016H012	0.141	0.107	1.60	1.80	22x25
3300	381LX332M016H202	0.181	0.137	1.30	1.50	22x20
4700	381L472M016H022	0.099	0.075	2.00	2.30	22x30
4700	381L472M016J012	0.099	0.075	2.00	2.30	25x25
4700	381L472M016H012	0.113	0.085	2.10	2.40	22x25
4700	381LX472M016J202	0.127	0.096	1.60	1.80	25x20
6800	381L682M016H042	0.068	0.051	2.40	2.80	22x40
6800	381L682M016J022	0.068	0.057	2.40	2.80	25x30
6800	381L682M016K012	0.068	0.057	2.40	2.80	30x25
6800	381L682M016H022	0.078	0.059	2.40	2.80	22x30
6800	381L682M016J012	0.078	0.059	2.40	2.80	25x25
6800	381LX682M016G022	0.088	0.067	2.20	2.50	20x30
6800	381LX682M016H012	0.088	0.067	2.20	2.50	22x25
6800	381LX682M016K202	0.088	0.067	1.80	2.10	30x20
8200	381L822M016H032	0.065	0.049	2.60	3.00	22x35
8200	381LX822M016G032	0.073	0.055	2.40	2.80	20x35
8200	381LX822M016H022	0.079	0.055	2.40	2.80	22x30
10000	381L103M016H052	0.046	0.035	2.90	3.30	22x50
10000	381L103M016J042	0.046	0.035	2.90	3.30	25x40
10000	381L103M016K022	0.046	0.035	2.90	3.30	30x30
10000	381L103M016H042	0.053	0.040	2.90	3.30	22x40
10000	381L103M016J022	0.053	0.040	2.90	3.30	25x30
10000	381L103M016K012	0.053	0.040	2.90	3.30	30x25
10000	381LX103M016G042	0.060	0.045	2.60	3.00	20x40
10000	381LX103M016H022	0.060	0.045	2.60	3.00	22x30
10000	381LX103M016J012	0.060	0.045	2.60	3.00	25x25
10000	381LX103M016A202	0.060	0.045	2.40	2.80	35x20
12000	381L123M016J032	0.044	0.033	3.20	3.70	25x35
12000	381L123M016K022	0.044	0.033	3.20	3.70	30x30
12000	381L123M016A012	0.044	0.033	3.20	3.70	35x25
12000	381LX123M016H032	0.050	0.038	2.90	3.30	22x35
12000	381LX123M016J022	0.050	0.038	2.90	3.30	25x30
12000	381LX123M016K012	0.050	0.038	2.90	3.30	30x25
15000	381L153M016J052	0.031	0.023	3.50	4.00	25x50
15000	381L153M016K042	0.031	0.023	3.50	4.00	30x40
15000	381L153M016A022	0.031	0.023	3.50	4.00	35x30
15000	381L153M016H052	0.035	0.026	3.50	4.00	22x50
15000	381L153M016J042	0.035	0.026	3.50	4.00	25x40
15000	381LX153M016H042	0.040	0.030	3.20	3.70	22x40
15000	381LX153M016J032	0.040	0.030	3.20	3.70	25x35
15000	381LX153M016K022	0.040	0.030	3.20	3.70	30x30
18000	381L183M016J052	0.029	0.022	3.80	4.40	25x50
18000	381L183M016K032	0.029	0.022	3.80	4.40	30x35
18000	381L183M016A022	0.029	0.022	3.80	4.40	35x30
18000	381LX183M016H452	0.033	0.025	3.50	4.00	22x45
18000	381LX183M016J042	0.033	0.025	3.50	4.00	25x40
18000	381LX183M016K022	0.033	0.025	3.50	4.00	30x30
18000	381LX183M016A012	0.033	0.025	3.50	4.00	35x25
22000	381L223M016K052	0.021	0.016	4.20	4.80	30x50
22000	381L223M016A042	0.021	0.016	4.20	4.80	35x40
22000	381L223M016K042	0.024	0.018	4.20	4.80	30x40
22000	381L223M016A032	0.024	0.018	4.20	4.80	35x35
22000	381LX223M016J452	0.027	0.020	3.80	4.40	25x45
22000	381LX223M016K032	0.027	0.020	3.80	4.40	30x35
22000	381LX223M016A022	0.027	0.020	3.80	4.40	35x30
27000	381L273M016K052	0.020	0.015	5.60	6.40	30x50
27000	381L273M016A042	0.020	0.015	5.60	6.40	35x40
27000	381LX273M016J052	0.022	0.017	4.20	4.80	25x50
27000	381LX273M016K042	0.022	0.017	4.20	4.80	30x40

140 Technology Place
Liberty, SC 29657
(864) 843-2277, Fax (864) 843-3800
http://www.cornell-dubilier.com
E-mail: cde@cornell-dubilier.com

Types 381L, 383L, 381LX & 383LX, 105 °C High-Ripple Snap-In

Cap. µF	Catalog Number	Max. ESR Ω @ 25 °C 120 Hz	Max. ESR Ω @ 25 °C 20 kHz	Ripple Amps Max. @ 105 °C 120 Hz	Ripple Amps Max. @ 105 °C 20 kHz	Nominal Size DxL (mm)
16 Vdc (20 Vdc Surge) (cont'd)						
27000	381LX273M016A022	0.022	0.017	4.20	4.80	35x30
33000	381LX333M016K452	0.018	0.014	4.70	5.40	30x45
33000	381LX333M016A032	0.018	0.014	4.70	5.40	35x35
39000	381LX393M016K052	0.017	0.013	5.10	5.90	30x50
39000	381LX393M016A042	0.017	0.013	5.10	5.90	35x40
47000	381LX473M016A452	0.017	0.013	5.50	6.30	35x45
47000	383LX473M016N042	0.020	0.018	5.50	6.33	40x40
56000	381LX563M016A052	0.016	0.012	6.00	6.90	35x50
68000	381L683M016A072	0.012	0.007	7.10	9.00	35x70
68000	383L683M016N062	0.012	0.008	6.90	8.50	40x63
68000	381LX683M016A062	0.017	0.013	6.80	7.80	35x63
68000	383LX683M016N052	0.019	0.014	6.60	7.60	40x50
82000	381L823M016A082	0.010	0.007	8.00	10.00	35x80
82000	383LX823M016N062	0.017	0.013	7.30	8.40	40x63
100000	381LX104M016A082	0.015	0.011	7.50	8.70	35x80
120000	383L124M016N082	0.009	0.006	8.70	10.50	40x80
120000	381LX124M016A102	0.014	0.012	8.71	10.02	35x105
120000	383LX124M016B052V	0.015	0.014	9.02	10.37	50x50
150000	383LX154M016N102	0.013	0.012	9.88	11.36	40x105
150000	383LX154M016B062V	0.014	0.013	10.15	11.67	50x63
180000	383LX184M016B082V	0.013	0.012	11.02	12.67	50x80
220000	383LX224M016B092V	0.012	0.011	11.71	13.47	50x92
250000	383LX254M016B102V	0.011	0.010	12.31	14.16	50x105
25 Vdc (32 Vdc Surge)						
2200	381LX222M025H202	0.211	0.160	1.30	1.50	22x20
2200	381L222M025H012	0.211	0.160	1.50	1.70	22x25
3300	381L332M025H012	0.121	0.092	1.70	2.00	22x25
3300	381L332M025H022	0.141	0.107	1.70	2.00	22x30
3300	381LX332M025J202	0.141	0.107	1.60	1.80	25x20
3300	381L332M025J012	0.141	0.107	1.70	2.00	25x25
4700	381L472M025H022	0.085	0.064	2.20	2.50	22x30
4700	381L472M025J012	0.085	0.064	2.20	2.50	25x25
4700	381LX472M025G022	0.099	0.075	2.00	2.30	20x30
4700	381LX472M025H012	0.099	0.075	2.00	2.30	22x25
4700	381L472M025H042	0.099	0.075	2.20	2.50	22x40
4700	381L472M025J022	0.099	0.075	2.20	2.50	25x30
4700	381LX472M025K202	0.099	0.075	1.80	2.10	30x20
4700	381L472M025K012	0.099	0.075	2.20	2.50	30x25
5600	381L562M025H032	0.071	0.054	2.40	2.80	22x35
5600	381LX562M025G032	0.083	0.036	2.20	2.50	20x35
5600	381LX562M025H022	0.083	0.063	2.20	2.50	22x30
6800	381L682M025H042	0.059	0.045	2.60	3.00	22x40
6800	381L682M025J022	0.059	0.045	2.60	3.00	25x30
6800	381L682M025K012	0.059	0.045	2.60	3.00	30x25
6800	381LX682M025G042	0.068	0.051	2.40	2.80	20x40
6800	381LX682M025H022	0.068	0.051	2.40	2.80	22x30
6800	381L682M025H052	0.068	0.051	2.60	3.00	22x50
6800	381LX682M025J012	0.068	0.051	2.40	2.80	25x25
6800	381L682M025J042	0.068	0.051	2.60	3.00	25x40
6800	381L682M025K022	0.068	0.051	2.60	3.00	30x30
6800	381LX682M025A202	0.068	0.051	2.30	2.60	35x20
8200	381L822M025J032	0.049	0.037	2.80	3.20	25x35
8200	381LX822M025H032	0.057	0.043	2.70	3.10	22x35
8200	381LX822M025J022	0.057	0.043	2.70	3.10	25x30
8200	381LX822M025K012	0.057	0.043	2.70	3.10	30x25
10000	381L103M025H052	0.040	0.030	3.10	3.60	22x50
10000	381L103M025J042	0.040	0.030	3.10	3.60	25x40
10000	381L103M025A012	0.040	0.030	3.10	3.60	35x25
10000	381LX103M025H042	0.046	0.035	3.00	3.50	22x40
10000	381LX103M025J032	0.046	0.035	3.00	3.50	25x35
10000	381L103M025J052	0.046	0.035	3.10	3.60	25x50
10000	381L103M025K042	0.046	0.035	3.10	3.60	30x40
10000	381L103M025A022	0.046	0.035	3.10	3.60	35x30
10000	381LX103M025K022	0.047	0.035	3.00	3.50	30x30
12000	381L123M025J052	0.033	0.025	3.20	3.70	25x50
25 Vdc (32 Vdc Surge) (cont'd)						
12000	381L123M025K032	0.033	0.025	3.20	3.70	30x35
12000	381L123M025A022	0.033	0.025	3.20	3.70	35x30
12000	381LX123M025J042	0.039	0.029	3.20	3.70	25x40
12000	381LX123M025K022	0.039	0.029	3.20	3.70	30x30
12000	381LX123M025A012	0.039	0.029	3.20	3.70	35x25
12000	381LX123M025H452	0.044	0.033	3.20	3.68	22x45
15000	381L153M025K042	0.027	0.015	3.50	4.00	30x40
15000	381L153M025A032	0.027	0.015	3.50	4.00	35x35
15000	381LX153M025J452	0.031	0.023	3.60	4.10	25x45
15000	381LX153M025K032	0.031	0.032	3.60	4.10	30x35
15000	381L153M025K052	0.031	0.023	3.50	4.00	30x50
15000	381LX153M025A022	0.031	0.023	3.60	4.10	35x30
15000	381L153M025A042	0.031	0.023	3.50	4.00	35x40
18000	381L183M025K052	0.022	0.017	3.80	4.40	30x50
18000	381L183M025A042	0.022	0.017	3.80	4.40	35x40
18000	381LX183M025J052	0.026	0.020	3.90	4.50	25x50
18000	381LX183M025K042	0.026	0.020	3.90	4.50	30x40
18000	381LX183M025A032	0.026	0.020	3.90	4.50	35x35
22000	381LX223M025K452	0.021	0.016	4.30	4.90	30x45
22000	381LX223M025A032	0.021	0.016	4.30	4.90	35x35
27000	381LX273M025A452	0.017	0.009	4.80	5.50	35x45
27000	381LX273M025A042	0.018	0.017	4.80	5.52	35x40
27000	383L273M025N042	0.020	0.013	4.60	5.60	40x40
33000	381LX333M025A052	0.014	0.007	5.50	6.30	35x50
33000	383LX333M025N042	0.018	0.016	5.50	6.33	40x40
39000	381L393M025A062	0.014	0.009	6.10	7.60	35x63
39000	383L393M025N052	0.015	0.010	5.80	7.00	40x50
47000	381L473M025A072	0.012	0.008	7.10	8.70	35x70
47000	383L473M025N062	0.012	0.008	6.90	8.30	40x63
47000	381LX473M025A062	0.017	0.013	7.00	8.10	35x63
47000	383LX473M025N052	0.019	0.015	6.20	7.00	40x50
56000	381L563M025A082	0.010	0.007	7.90	9.70	35x80
56000	383LX563M025N062	0.015	0.012	6.70	7.70	40x63
68000	383L683M025N082	0.009	0.007	8.70	10.20	40x80
82000	381LX823M025A102	0.013	0.012	8.58	9.87	35x105
82000	383LX823M025N082	0.014	0.011	8.00	9.20	40x80
82000	383LX823M025B052V	0.016	0.015	9.20	10.58	50x50
100000	383LX104M025N102	0.012	0.010	9.76	11.22	40x105
100000	383LX104M025B062V	0.015	0.013	10.02	11.52	50x63
120000	383LX124M025B082V	0.013	0.012	10.93	12.57	50x80
150000	383LX154M025B092V	0.012	0.011	11.70	13.46	50x92
180000	383LX184M025B102V	0.010	0.009	12.42	14.28	50x105
35 Vdc (44 Vdc Surge)						
1500	381LX152M035H202	0.265	0.200	1.10	1.30	22x20
1500	381L152M035H012	0.265	0.200	1.40	1.60	22x25
2200	381L222M035H012	0.151	0.114	1.60	1.80	22x25
2200	381L222M035H022	0.181	0.137	1.60	1.80	22x30
2200	381LX222M035J202	0.181	0.137	1.40	1.60	25x20
2200	381L222M035J012	0.181	0.137	1.60	1.80	25x25
3300	381L332M035H022	0.100	0.076	1.80	2.10	22x30
3300	381L332M035J012	0.100	0.076	1.80	2.10	25x25
3300	381LX332M035G022	0.121	0.091	1.90	2.20	20x30
3300	381LX332M035H012	0.121	0.091	1.90	2.20	22x25
3300	381L332M035H042	0.121	0.091	1.80	2.10	22x40
3300	381L332M035J022	0.121	0.091	1.80	2.10	25x30
3300	381LX332M035K202	0.121	0.091	1.70	2.00	30x20
3300	381L332M035K012	0.121	0.091	1.80	2.10	30x25
3900	381L392M035H032	0.085	0.060	2.00	2.30	22x35
3900	381LX392M035G032	0.102	0.077	2.00	2.30	20x35
3900	381LX392M035H022	0.102	0.077	2.00	2.30	22x30
4700	381L472M035H042	0.071	0.054	2.30	2.60	22x40
4700	381L472M035J022	0.071	0.054	2.30	2.60	25x30
4700	381L472M035K012	0.071	0.054	2.30	2.60	30x25
4700	381LX472M035H032	0.080	0.060	2.20	2.50	22x35
4700	381L472M035H052	0.085	0.060	2.30	2.60	22x50

140 Technology Place
Liberty, SC 29657
(864) 843-2277, Fax (864) 843-3800
http://www.cornell-dubilier.com
E-mail: cde@cornell-dubilier.com

CDE CORNELL DUBILIER
Your Source For Capacitor Solutions

Cap. µF	Catalog Number	Max. ESR Ω @ 25 °C 120 Hz	Max. ESR Ω @ 25 °C 20 kHz	Ripple Amps Max. @ 105 °C 120 Hz	Ripple Amps Max. @ 105 °C 20 kHz	Nominal Size DxL (mm)
35 Vdc (44 Vdc Surge) (cont'd)						
4700	381LX472M035J012	0.085	0.060	2.20	2.50	25x25
4700	381L472M035J042	0.085	0.060	2.30	2.60	25x40
4700	381L472M035K022	0.085	0.060	2.30	2.60	30x30
4700	381LX472M035A202	0.085	0.060	2.00	2.30	35x20
4700	381LX472M035G042	0.088	0.066	2.20	2.53	20x40
5600	381L562M035J032	0.059	0.045	2.50	2.90	25x35
5600	381LX562M035H032	0.071	0.054	2.40	2.80	22x35
5600	381LX562M035J022	0.071	0.054	2.40	2.80	25x30
5600	381LX562M035K012	0.071	0.054	2.40	2.80	30x25
6800	381L682M035H052	0.049	0.037	2.90	3.30	22x50
6800	381L682M035J042	0.049	0.037	2.90	3.30	25x40
6800	381L682M035A012	0.049	0.037	2.90	3.30	35x25
6800	381LX682M035H042	0.059	0.045	2.60	3.00	22x40
6800	381L682M035A022	0.059	0.045	2.90	3.30	35x30
6800	381LX682M035J032	0.059	0.045	2.60	3.00	25x35
6800	381L682M035J052	0.059	0.045	2.90	3.30	25x50
6800	381LX682M035K022	0.059	0.045	2.60	3.00	30x30
6800	381L682M035K042	0.059	0.045	2.90	3.30	30x40
8200	381L822M035J052	0.040	0.030	3.20	3.70	25x50
8200	381L822M035K032	0.040	0.030	3.20	3.70	30x35
8200	381LX822M035H052	0.049	0.037	2.90	3.30	22x50
8200	381LX822M035J042	0.049	0.037	2.90	3.30	25x40
8200	381LX822M035K022	0.049	0.037	2.90	3.30	30x30
8200	381LX822M035A012	0.049	0.037	2.90	3.30	35x25
10000	381L103M035K042	0.033	0.025	3.50	4.00	30x40
10000	381LX103M035J452	0.040	0.030	3.20	3.70	25x45
10000	381LX103M035K032	0.040	0.030	3.20	3.70	30x35
10000	381L103M035K052	0.040	0.030	3.50	4.00	30x50
10000	381LX103M035A022	0.040	0.030	3.20	3.70	35x30
10000	381L103M035A042	0.040	0.030	3.50	4.00	35x40
12000	381L123M035K052	0.028	0.021	3.80	4.40	30x50
12000	381L123M035A032	0.028	0.021	3.80	4.40	35x35
12000	381LX123M035J052	0.033	0.025	3.50	4.00	25x50
12000	381LX123M035K042	0.033	0.025	3.50	4.00	30x40
12000	381LX123M035A022	0.033	0.025	3.50	4.00	35x30
15000	381L153M035A042	0.022	0.017	4.20	4.80	35x40
15000	381LX153M035K452	0.027	0.020	3.90	4.50	30x45
15000	381LX153M035A032	0.027	0.020	3.90	4.50	35x35
18000	381LX183M035A042	0.022	0.017	4.30	4.90	35x40
22000	381LX223M035A052	0.018	0.014	5.00	5.80	35x50
22000	383LX223M035N042	0.023	0.017	5.00	5.75	40x40
27000	383L273M035N052	0.018	0.011	5.30	6.60	40x50
27000	381LX273M035A062	0.021	0.016	5.60	6.40	35x63
33000	381L333M035A072	0.014	0.009	6.40	8.10	35x70
33000	383L333M035N062	0.015	0.010	6.30	7.80	40x63
39000	381L393M035A082	0.011	0.008	7.50	9.00	35x80
47000	383L473M035N082	0.011	0.008	8.00	9.70	40x80
47000	381LX473M035A102	0.017	0.013	8.07	9.28	35x105
47000	383LX473M035B052V	0.021	0.016	8.25	9.49	50x50
56000	383LX563M035B062V	0.019	0.014	9.07	10.43	50x63
68000	383LX683M035N102	0.016	0.012	9.27	10.66	40x105
68000	383LX683M035B082V	0.017	0.013	10.07	11.58	50x80
82000	383LX823M035B092V	0.015	0.011	10.89	12.52	50x92
100000	383LX104M035B102V	0.018	0.010	11.75	13.51	50x105
50 Vdc (63 Vdc Surge)						
1000	381LX102M050H202	0.332	0.251	0.90	1.00	22x20
1000	381L102M050H012	0.332	0.251	1.30	1.50	22x25
1200	380L122M050H012	0.221	0.167	1.40	1.60	22x25
1500	381L152M050H022	0.221	0.167	1.50	1.70	22x30
1500	381LX152M050J202	0.221	0.167	1.20	1.40	25x20
1500	381L152M050J012	0.221	0.167	1.50	1.70	25x25
1800	381L182M050H022	0.147	0.111	1.70	2.00	22x30
1800	381L182M050J012	0.147	0.111	1.70	2.00	25x25
1800	381LX182M050G022	0.184	0.139	1.50	1.70	20x30
1800	381LX182M050H012	0.184	0.139	1.50	1.70	22x25

Cap. µF	Catalog Number	Max. ESR Ω @ 25 °C 120 Hz	Max. ESR Ω @ 25 °C 20 kHz	Ripple Amps Max. @ 105 °C 120 Hz	Ripple Amps Max. @ 105 °C 20 kHz	Nominal Size DxL (mm)
50 Vdc (63 Vdc Surge) (cont'd)						
2200	381L222M050H032	0.121	0.091	1.90	2.20	22x35
2200	381LX222M050G032	0.151	0.114	1.70	2.00	20x35
2200	381LX222M050H022	0.151	0.114	1.70	2.00	22x30
2200	381L222M050H042	0.151	0.114	1.90	2.20	22x40
2200	381L222M050J022	0.151	0.114	1.90	2.20	25x30
2200	381LX222M050K202	0.151	0.114	1.40	1.60	30x20
2200	381L222M050K012	0.151	0.114	1.90	2.20	30x25
2700	381L272M050H042	0.098	0.074	2.10	2.40	22x40
2700	381L272M050J022	0.098	0.074	2.10	2.40	25x30
2700	381L272M050K012	0.098	0.074	2.10	2.40	30x25
2700	381LX272M050G042	0.123	0.093	1.80	2.10	20x40
2700	381LX272M050H022	0.123	0.093	1.80	2.10	22x30
2700	381LX272M050J012	0.123	0.093	1.80	2.10	25x25
3300	381L332M050J032	0.080	0.061	2.30	2.60	25x35
3300	381LX332M050H032	0.100	0.076	2.00	2.30	22x35
3300	381L332M050H052	0.100	0.076	2.30	2.60	22x50
3300	381LX332M050J022	0.100	0.076	2.00	2.30	25x30
3300	381L332M050J042	0.100	0.076	2.30	2.60	25x40
3300	381L332M050K022	0.100	0.076	2.30	2.60	30x30
3300	381LX332M050A202	0.100	0.076	1.70	2.00	35x20
3900	381L392M050H052	0.068	0.051	2.50	2.90	22x50
3900	381L392M050J042	0.068	0.051	2.50	2.90	25x40
3900	381L392M050K022	0.068	0.051	2.50	2.90	30x30
3900	381L392M050A012	0.068	0.051	2.50	2.90	35x25
3900	381LX392M050H042	0.085	0.064	2.20	2.50	22x40
3900	381LX392M050J032	0.085	0.064	2.20	2.50	25x35
3900	381LX392M050K012	0.085	0.064	2.20	2.50	30x25
4700	381L472M050K032	0.056	0.042	2.80	3.20	30x35
4700	381LX472M050H452	0.071	0.054	2.50	2.90	22x45
4700	381LX472M050J042	0.071	0.054	2.50	2.90	25x40
4700	381L472M050J052	0.071	0.054	2.80	3.20	25x50
4700	381LX472M050K022	0.071	0.054	2.50	2.90	30x30
4700	381L472M050K042	0.071	0.054	2.80	3.20	30x40
4700	381LX472M050A012	0.071	0.054	2.50	2.90	35x25
4700	381L472M050A022	0.071	0.054	2.80	3.20	35x30
5600	381L562M050J052	0.047	0.036	3.00	3.50	25x50
5600	381L562M050K042	0.047	0.036	3.00	3.50	30x40
5600	381LX562M050H052	0.059	0.045	2.80	3.20	22x50
5600	381LX562M050J042	0.059	0.045	2.80	3.20	25x40
5600	381LX562M050K032	0.059	0.045	2.80	3.20	30x35
5600	381LX562M050A022	0.059	0.045	2.80	3.20	35x30
6800	381L682M050A032	0.039	0.029	3.20	3.70	35x35
6800	381LX682M050J052	0.049	0.029	3.30	3.80	25x50
6800	381LX682M050K042	0.049	0.029	3.30	3.80	30x40
6800	381L682M050K052	0.049	0.037	3.20	3.70	30x50
6800	381LX682M050A022	0.049	0.029	3.30	3.80	35x30
6800	381L682M050A042	0.049	0.037	3.20	3.70	35x40
8200	381L822M050K052	0.032	0.024	3.50	4.00	30x50
8200	381L822M050A042	0.032	0.024	3.50	4.00	35x40
8200	381LX822M050K452	0.040	0.030	3.60	4.10	30x45
8200	381LX822M050A032	0.040	0.030	3.60	4.10	35x35
10000	381LX103M050K052	0.033	0.025	4.00	4.60	30x50
10000	381LX103M050A042	0.033	0.025	4.00	4.60	35x40
12000	381LX123M050A452	0.028	0.021	4.50	5.20	35x45
12000	383L123M050N042	0.029	0.018	3.80	4.80	40x40
15000	381L153M050A062	0.020	0.012	5.10	6.50	35x63
15000	383L153M050N052	0.021	0.013	4.90	6.10	40x50
15000	381LX153M050A052	0.022	0.012	4.80	5.50	35x50
15000	383LX153M050N042	0.022	0.018	4.80	5.52	40x40
18000	381L183M050A072	0.017	0.010	5.90	7.50	35x70
18000	383L183M050N062	0.017	0.011	5.80	7.20	40x63
18000	381LX183M050A062	0.028	0.022	5.30	6.00	35x63
22000	381L223M050A082	0.014	0.009	6.70	8.40	35x80
22000	383LX223M050N052	0.026	0.019	5.10	5.90	40x50
27000	383L273M050N082	0.013	0.009	7.40	9.00	40x80
27000	381LX273M050A082	0.018	0.014	5.90	6.70	35x80

140 Technology Place
Liberty, SC 29657
(864) 843-2277, Fax (864) 843-3800
http://www.cornell-dubilier.com
E-mail: cde@cornell-dubilier.com

Types 381L, 383L, 381LX & 383LX, 105 °C High-Ripple Snap-In

Cap. µF	Catalog Number	Max. ESR Ω @ 25 °C 120 Hz	Max. ESR Ω @ 25 °C 20 kHz	Ripple Amps Max. @ 105 °C 120 Hz	Ripple Amps Max. @ 105 °C 20 kHz	Nominal Size DxL (mm)
50 Vdc (63 Vdc Surge) (cont'd)						
27000	383LX273M050N062	0.021	0.016	5.60	6.50	40x63
33000	381LX333M050A102	0.018	0.010	7.23	8.31	35x105
33000	383LX333M050B052V	0.018	0.014	7.75	8.91	50x50
39000	383LX393M050N082	0.013	0.010	6.20	7.10	40x80
39000	383LX393M050B062V	0.016	0.013	8.40	9.66	50x63
47000	383LX473M050N102	0.012	0.010	8.18	9.41	40x105
47000	383LX473M050B082V	0.014	0.011	9.19	10.57	50x80
56000	383LX563M050B092V	0.012	0.009	9.79	11.26	50x92
68000	383LX683M050B102V	0.011	0.009	10.42	11.98	50x105
63 Vdc (79 Vdc Surge)						
680	381LX681M063H202	0.390	0.295	0.90	1.00	22x20
680	381L681M063H012	0.390	0.295	0.90	1.00	22x25
1000	381L102M063H012	0.212	0.160	1.30	1.50	22x25
1000	381L102M063H022	0.265	0.200	1.30	1.50	22x30
1000	381LX102M063J202	0.265	0.200	1.20	1.40	25x20
1000	381L102M063J012	0.265	0.200	1.30	1.50	25x25
1200	381LX122M063G022	0.220	0.167	1.40	1.60	20x30
1200	381LX122M063H012	0.221	0.167	1.40	1.60	22x25
1500	381L152M063J012	0.141	0.107	1.60	1.80	25x25
1500	381LX152M063G032	0.177	0.134	1.50	1.70	20x35
1500	381LX152M063H022	0.177	0.134	1.50	1.70	22x30
1500	381L152M063H042	0.177	0.134	1.60	1.80	22x40
1500	381L152M063J022	0.177	0.134	1.60	1.80	25x30
1500	381LX152M063K202	0.177	0.134	1.30	1.50	30x20
1500	381L152M063K012	0.177	0.134	1.60	1.80	30x25
1800	381L182M063H032	0.118	0.089	1.80	2.10	22x35
1800	381LX182M063G042	0.147	0.111	1.70	2.00	20x40
1800	381LX182M063J012	0.147	0.111	1.70	2.00	25x25
1800	381LX182M063H022	0.157	0.117	1.70	1.96	22x30
2200	381L222M063H042	0.096	0.073	2.00	2.30	22x40
2200	381L222M063K012	0.096	0.073	2.00	2.30	30x25
2200	381LX222M063H032	0.121	0.091	2.00	2.30	22x35
2200	381L222M063H052	0.121	0.091	2.00	2.30	22x50
2200	381LX222M063J022	0.121	0.091	2.00	2.30	25x30
2200	381L222M063J042	0.121	0.091	2.00	2.30	25x40
2200	381L222M063K022	0.121	0.091	2.00	2.30	30x30
2200	381LX222M063A202	0.121	0.091	1.50	1.70	35x20
2700	381LX272M063H042	0.098	0.074	2.20	2.50	22x40
2700	381LX272M063J032	0.098	0.074	2.20	2.50	25x35
2700	381LX272M063K012	0.098	0.074	2.20	2.50	30x25
3300	381LX332M063H052	0.080	0.061	2.50	2.90	22x50
3300	381LX332M063J042	0.080	0.061	2.50	2.90	25x40
3300	381L332M063J052	0.080	0.061	2.50	2.90	25x50
3300	381LX332M063K022	0.080	0.061	2.50	2.90	30x30
3300	381L332M063K042	0.080	0.061	2.50	2.90	30x40
3300	381LX332M063A012	0.080	0.061	2.50	2.90	35x25
3300	380L332M063A022	0.080	0.061	2.50	2.90	35x30
3900	381LX392M063J452	0.068	0.051	2.70	3.10	25x45
3900	381LX392M063K032	0.068	0.051	2.70	3.10	30x35
3900	381LX392M063A022	0.068	0.051	2.70	3.10	35x30
4700	381LX472M063J052	0.056	0.042	3.00	3.50	25x50
4700	381LX472M063K042	0.056	0.042	3.00	3.50	30x40
4700	381L472M063K052	0.056	0.042	2.90	3.30	30x50
4700	381LX472M063A022	0.056	0.042	3.00	3.50	35x30
4700	381L472M063A042	0.056	0.042	2.90	3.30	35x40
5600	381LX562M063K452	0.047	0.036	3.30	3.80	30x45
5600	381LX562M063A032	0.047	0.036	3.30	3.80	35x35
6800	381LX682M063K052	0.039	0.029	3.60	4.10	30x50
6800	381LX682M063A042	0.039	0.029	3.60	4.10	35x40
8200	383L822M063N042	0.031	0.018	3.70	4.80	40x40
8200	381LX822M063A452	0.032	0.024	3.90	4.50	35x45
10000	381LX103M063A052	0.027	0.020	4.40	5.10	35x50
12000	383L123M063N052	0.022	0.013	4.70	6.10	40x50
12000	381L123M063A062	0.029	0.012	4.20	6.50	35x63
12000	383LX123M063N042	0.030	0.028	4.52	5.20	40x40

Cap. µF	Catalog Number	Max. ESR Ω @ 25 °C 120 Hz	Max. ESR Ω @ 25 °C 20 kHz	Ripple Amps Max. @ 105 °C 120 Hz	Ripple Amps Max. @ 105 °C 20 kHz	Nominal Size DxL (mm)
63 Vdc (79 Vdc Surge) (cont'd)						
12000	381LX123M063A052	0.035	0.027	4.40	5.10	35x50
15000	383L153M063N062	0.018	0.011	5.70	7.20	40x63
15000	381L153M063A072	0.026	0.010	4.70	7.50	35x70
15000	381LX153M063A062	0.028	0.010	4.80	5.50	35x63
15000	383LX153M063N052	0.033	0.025	4.60	5.30	40x50
18000	381L183M063A082	0.025	0.009	5.10	8.40	35x80
18000	383LX153M063N062	0.028	0.020	5.00	5.90	40x63
22000	383L223M063N082	0.013	0.009	7.20	9.00	40x80
22000	383LX223M063B052V	0.019	0.016	6.76	7.77	50x50
27000	381LX273M063A102	0.017	0.014	6.53	7.51	35x105
27000	383LX273M063B062V	0.017	0.014	7.34	8.44	50x63
27000	383LX273M063N082	0.018	0.014	6.10	7.00	40x80
33000	383LX333M063B082V	0.015	0.013	8.00	9.20	50x80
39000	383LX393M063N102	0.014	0.012	7.53	8.66	40x105
39000	383LX393M063B092V	0.014	0.012	8.48	9.75	50x92
47000	383LX473M063B102V	0.012	0.010	8.99	10.34	50x105
80 Vdc (100 Vdc Surge)						
470	381LX471M080H202	0.480	0.363	0.80	0.90	22x20
470	381L471M080H012	0.480	0.363	0.80	0.90	22x25
680	381L681M080H022	0.332	0.251	1.20	1.40	22x30
680	381LX681M080J202	0.332	0.251	1.00	1.20	25x20
680	381L681M080J012	0.332	0.251	1.20	1.40	25x25
820	381LX821M080G022	0.275	0.208	1.20	1.40	20x30
820	381LX821M080H012	0.275	0.208	1.20	1.40	22x25
1000	381LX102M080G032	0.225	0.170	1.30	1.50	20x35
1000	381LX102M080H022	0.225	0.170	1.30	1.50	22x30
1000	381L102M080H042	0.225	0.170	1.50	1.70	22x40
1000	381LX102M080J012	0.225	0.170	1.30	1.50	25x25
1000	381L102M080J022	0.225	0.170	1.50	1.70	25x30
1000	381LX102M080K202	0.225	0.170	1.20	1.40	30x20
1000	381L102M080K012	0.225	0.170	1.50	1.70	30x25
1200	381L122M080H032	0.166	0.126	1.60	1.80	22x35
1200	381L122M080J022	0.166	0.126	1.60	1.80	25x30
1200	381LX122M080G042	0.188	0.142	1.50	1.70	20x40
1200	381LX122M080H022	0.188	0.142	1.50	1.70	22x30
1200	381LX122M080J012	0.188	0.142	1.50	1.70	25x25
1500	381L152M080H042	0.133	0.101	1.80	2.10	22x40
1500	381L152M080J032	0.133	0.101	1.80	2.10	25x35
1500	381L152M080K012	0.133	0.101	1.80	2.10	30x25
1500	381LX152M080H032	0.150	0.113	1.70	2.00	22x35
1500	381L152M080H052	0.150	0.113	1.80	2.10	22x50
1500	381LX152M080J022	0.150	0.113	1.70	2.00	25x30
1500	381L152M080J042	0.150	0.113	1.80	2.10	25x40
1500	381L152M080K022	0.150	0.113	1.80	2.10	30x30
1500	381LX152M080A202	0.150	0.113	1.40	1.60	35x20
1800	381L182M080H052	0.111	0.084	2.00	2.30	22x50
1800	381L182M080J042	0.111	0.084	2.00	2.30	25x40
1800	381L182M080K022	0.111	0.084	2.00	2.30	30x30
1800	381L182M080A012	0.111	0.084	2.00	2.30	35x25
1800	381LX182M080H042	0.125	0.095	1.80	2.10	22x40
1800	381LX182M080J032	0.125	0.095	1.80	2.10	25x35
1800	381LX182M080K012	0.125	0.095	1.80	2.10	30x25
2200	381L222M080K032	0.090	0.068	2.30	2.60	30x35
2200	381LX222M080H452	0.102	0.077	2.10	2.40	22x45
2200	381LX222M080J032	0.102	0.077	2.10	2.40	25x35
2200	381L222M080J052	0.102	0.077	2.30	2.60	25x50
2200	381LX222M080K022	0.102	0.077	2.10	2.40	30x30
2200	381L222M080K042	0.102	0.077	2.30	2.60	30x40
2200	381LX222M080A012	0.102	0.077	2.10	2.40	35x25
2200	381L222M080A022	0.102	0.077	2.30	2.60	35x30
2700	381L272M080J052	0.074	0.056	2.50	2.90	25x50
2700	381L272M080K042	0.074	0.056	2.50	2.90	30x40
2700	381LX272M080J452	0.084	0.064	2.40	2.80	25x45
2700	381LX272M080K032	0.084	0.064	2.40	2.80	30x35
2700	381LX272M080A022	0.084	0.064	2.40	2.80	35x30

140 Technology Place
Liberty, SC 29657
(864) 843-2277, Fax (864) 843-3800
http://www.cornell-dubilier.com
E-mail: cde@cornell-dubilier.com

CDE CORNELL DUBILIER
Your Source For Capacitor Solutions

Cap. µF	Catalog Number	Max. ESR Ω @ 25 °C 120 Hz	Max. ESR Ω @ 25 °C 20 kHz	Ripple Amps Max. @ 105 °C 120 Hz	Ripple Amps Max. @ 105 °C 20 kHz	Nominal Size DxL (mm)
80 Vdc (100 Vdc Surge) (cont'd)						
3300	381L332M080A032	0.060	0.045	2.80	3.20	35x35
3300	381LX332M080J052	0.068	0.045	2.60	3.00	25x50
3300	381LX332M080K042	0.068	0.045	2.60	3.00	30x40
3300	381L332M080K052	0.068	0.051	2.80	3.20	30x50
3300	381LX332M080A022	0.068	0.045	2.60	3.00	35x30
3300	381L332M080A042	0.068	0.045	2.80	3.20	35x40
3900	381L392M080K052	0.051	0.039	3.00	3.50	30x50
3900	381L392M080A042	0.051	0.039	3.00	3.50	35x40
3900	381LX392M080K452	0.058	0.044	3.00	3.50	30x45
3900	381LX392M080A032	0.058	0.044	3.00	3.50	35x35
4700	381LX472M080K052	0.048	0.036	3.30	3.80	30x50
4700	381LX472M080A042	0.048	0.036	3.30	3.80	35x40
5600	383L562M080N042	0.035	0.022	3.50	4.40	40x40
5600	381LX562M080A452	0.040	0.030	3.90	4.50	35x45
6800	381LX682M080A052	0.033	0.025	3.90	4.50	35x50
6800	383LX682M080N042	0.041	0.031	3.90	4.49	40x40
8200	381L822M080A062	0.024	0.014	4.60	5.90	35x63
8200	383L822M080N052	0.025	0.016	4.40	5.60	40x50
10000	381L103M080A072	0.020	0.012	5.40	6.90	35x70
10000	383L103M080N062	0.021	0.013	5.30	6.70	40x63
12000	381L123M080A082	0.017	0.011	6.10	7.70	35x80
12000	383LX123M080B052V	0.035	0.026	6.03	6.93	50x50
15000	383L153M080N082	0.015	0.010	6.80	8.40	40x80
15000	381LX153M080A102	0.024	0.018	6.13	7.05	35x105
15000	383LX153M080B062V	0.028	0.021	6.65	7.65	50x63
18000	383LX183M080B082V	0.026	0.019	7.29	8.38	50x80
22000	383LX223M080N102	0.019	0.014	6.95	7.99	40x105
22000	383LX223M080B092V	0.022	0.016	7.83	9.00	50x92
27000	383LX273M080B102V	0.018	0.014	8.38	9.64	50x105
100 Vdc (125 Vdc Surge)						
330	381LX331M100H202	0.603	0.456	0.80	0.90	22x20
330	381L331M100H012	0.603	0.456	0.70	0.80	22x25
470	381L471M100H012	0.423	0.320	1.20	1.40	22x25
470	381L471M100H022	0.423	0.320	1.20	1.40	22x30
470	381LX471M100J202	0.423	0.320	1.00	1.20	25x20
470	381L271M100J012	0.423	0.320	1.20	1.40	25x25
560	381LX561M100G022	0.355	0.268	1.10	1.30	20x30
560	381LX561M100H012	0.355	0.268	1.10	1.30	22x25
680	381L681M100H022	0.293	0.222	1.40	1.60	22x30
680	381L681M100H042	0.293	0.222	1.40	1.60	22x40
680	381L681M100J012	0.293	0.222	1.40	1.60	25x25
680	381L681M100J022	0.293	0.222	1.40	1.60	25x30
680	381LX681M100K202	0.293	0.222	1.10	1.30	30x20
680	381L681M100K012	0.293	0.222	1.40	1.60	30x25
820	381LX821M100G032	0.243	0.184	1.40	1.60	20x35
820	381LX821M100H022	0.243	0.184	1.40	1.60	22x30
820	381L821M100H032	0.243	0.184	1.50	1.70	22x35
820	381LX821M100J012	0.243	0.184	1.40	1.60	25x25
1000	381LX102M100G042	0.199	0.151	1.70	2.00	20x40
1000	381LX102M100H032	0.199	0.151	1.70	2.00	22x35
1000	381L102M100H042	0.199	0.151	1.70	2.00	22x40
1000	381L102M100H052	0.199	0.151	1.70	2.00	22x50
1000	381LX102M100J022	0.199	0.151	1.70	2.00	25x30
1000	381L102M100J032	0.199	0.151	1.70	2.00	25x35
1000	381L102M100J042	0.199	0.151	1.70	2.00	25x40
1000	381L102M100K012	0.199	0.151	1.70	2.00	30x25
1000	381L102M100K022	0.199	0.151	1.70	2.00	30x30
1000	381LX102M100A202	0.199	0.151	1.20	1.40	35x20
1200	381LX122M100H042	0.166	0.126	1.80	2.10	22x40
1200	381LX122M100J032	0.166	0.126	1.80	2.10	25x35
1200	381LX122M100K012	0.166	0.126	1.80	2.10	30x25
1200	381L122M100K022	0.166	0.126	1.80	2.10	30x30
1500	381LX152M100H452	0.133	0.101	2.10	2.40	22x45
1500	381LX152M100J042	0.133	0.101	2.10	2.40	25x40
1500	381L152M100J052	0.133	0.101	2.10	2.40	25x50

Cap. µF	Catalog Number	Max. ESR Ω @ 25 °C 120 Hz	Max. ESR Ω @ 25 °C 20 kHz	Ripple Amps Max. @ 105 °C 120 Hz	Ripple Amps Max. @ 105 °C 20 kHz	Nominal Size DxL (mm)
100 Vdc (125 Vdc Surge) (cont'd)						
1500	381LX152M100K022	0.133	0.101	2.10	2.40	30x30
1500	381L152M100K032	0.133	0.101	2.10	2.40	30x35
1500	381L152M100K042	0.133	0.101	2.10	2.40	30x40
1500	381LX152M100A012	0.133	0.101	2.10	2.40	35x25
1500	381L152M100A022	0.133	0.101	2.10	2.40	35x30
1800	381LX182M100J452	0.111	0.084	2.30	2.60	25x45
1800	381L182M100J052	0.111	0.084	2.30	2.60	25x50
1800	381LX182M100K032	0.111	0.084	2.30	2.60	30x35
1800	381L182M100K042	0.111	0.084	2.30	2.60	30x40
1800	381LX182M100A022	0.111	0.084	2.30	2.60	35x30
2200	381LX222M100J052	0.090	0.068	2.60	3.00	25x50
2200	381LX222M100K042	0.090	0.068	2.60	3.00	30x40
2200	381L222M100K052	0.090	0.068	2.60	3.00	30x50
2200	381LX222M100A022	0.090	0.068	2.60	3.00	35x30
2200	381L222M100A032	0.090	0.068	2.60	3.00	35x35
2200	381L222M100A042	0.090	0.068	2.60	3.00	35x40
2700	381LX272M100K452	0.074	0.056	2.90	3.30	30x45
2700	381L272M100K052	0.074	0.056	2.80	3.20	30x50
2700	381LX272M100A032	0.074	0.056	2.90	3.30	35x35
2700	381L272M100A042	0.074	0.056	2.80	3.20	35x40
3300	383L332M100N042	0.046	0.020	3.00	4.30	40x40
3300	381LX332M100K052	0.060	0.045	3.20	3.70	30x50
3300	381LX332M100A042	0.060	0.045	3.20	3.70	35x40
3900	381LX392M100A052	0.031	0.016	3.80	4.40	35x50
3900	381LX392M100A452	0.051	0.039	3.60	4.10	35x45
4700	381L472M100A062	0.032	0.013	4.00	5.80	35x63
4700	383L472M100N052	0.033	0.014	3.90	5.50	40x50
4700	381LX472M100A052	0.042	0.032	3.80	4.40	35x50
4700	383LX472M100N042	0.053	0.040	3.80	5.70	40x40
5600	381L562M100A072	0.027	0.011	4.70	6.70	35x70
5600	383L562M100N062	0.027	0.012	4.60	6.50	40x63
5600	381LX562M100A062	0.059	0.045	4.10	4.70	35x63
6800	381L682M100A082	0.023	0.010	5.30	7.50	35x80
6800	383LX682M100N052	0.049	0.038	4.20	4.80	40x50
8200	383L822M100N082	0.020	0.009	6.00	8.20	40x80
8200	383LX822M100B052V	0.030	0.023	6.14	7.06	50x50
8200	381LX822M100A082	0.040	0.031	4.50	5.10	35x80
8200	383LX822M100N062	0.040	0.030	4.60	5.30	40x63
10000	381LX103M100A102	0.025	0.019	6.38	7.34	35x105
12000	383LX123M100B062V	0.022	0.017	7.17	8.25	50x63
12000	383LX123M100N082	0.028	0.022	5.00	5.70	40x80
15000	383LX153M100N102	0.017	0.012	7.37	8.48	40x105
15000	383LX153M100B082V	0.019	0.014	8.01	9.21	50x80
18000	383LX183M100B092V	0.017	0.012	8.64	9.94	50x92
22000	383LX223M100B102V	0.015	0.011	9.32	10.72	50x105
160 Vdc (200 Vdc Surge)						
150	381LX151M160H202	1.326	0.677	0.60	0.80	22x20
150	381L151M160H012	1.326	0.677	0.70	1.00	22x25
180	381L181M160H012	1.105	0.564	0.80	1.10	22x25
220	381LX221M160G012	0.904	0.461	1.00	1.40	20x25
220	381L221M160H022	0.904	0.461	1.00	1.40	22x30
220	381LX221M160J202	0.904	0.461	0.80	1.10	25x20
220	381L221M160J012	0.904	0.461	1.00	1.40	25x25
270	381LX271M160G022	0.737	0.376	1.10	1.50	20x30
270	381LX271M160H012	0.737	0.376	1.10	1.50	22x25
270	381L271M160H022	0.737	0.376	1.10	1.50	22x30
270	381L271M160J012	0.737	0.376	1.10	1.50	25x25
330	381LX331M160G032	0.603	0.308	1.20	1.70	20x35
330	381LX331M160H022	0.603	0.308	1.20	1.70	22x30
330	381L331M160H032	0.603	0.308	1.20	1.70	22x35
330	381L331M160H042	0.603	0.308	1.20	1.70	22x40
330	381L331M160J022	0.603	0.308	1.20	1.70	25x30
330	381LX331M160K202	0.603	0.308	1.00	1.40	30x20
330	381L331M160K012	0.603	0.308	1.20	1.70	30x25
390	381LX391M160G042	0.510	0.200	1.30	1.80	20x40

140 Technology Place
Liberty, SC 29657
(864) 843-2277, Fax (864) 843-3800
http://www.cornell-dubilier.com
E-mail: cde@cornell-dubilier.com

Cap. µF	Catalog Number	Max. ESR Ω @ 25 °C 120 Hz	Max. ESR Ω @ 25 °C 20 kHz	Ripple Amps Max. @ 105 °C 120 Hz	Ripple Amps Max. @ 105 °C 20 kHz	Nominal Size DxL (mm)
160 Vdc (200 Vdc Surge) (cont'd)						
390	381LX391M160H022	0.510	0.200	1.30	1.80	22x30
390	381L391M160H042	0.510	0.200	1.30	1.80	22x40
390	381LX391M160J012	0.510	0.200	1.30	1.80	25x25
390	381L391M160J022	0.510	0.200	1.30	1.80	25x30
390	381L391M160K012	0.510	0.200	1.30	1.80	30x25
470	381LX471M160H022	0.423	0.216	1.40	2.00	22x30
470	381LX471M160H032	0.423	0.216	1.40	2.00	22x35
470	381L471M160H052	0.423	0.216	1.40	2.00	22x50
470	381LX471M160J022	0.423	0.216	1.40	2.00	25x30
470	381L471M160J032	0.423	0.216	1.40	2.00	25x35
470	381L471M160J042	0.423	0.216	1.40	2.00	25x40
470	381L471M160K022	0.423	0.216	1.40	2.00	30x30
470	381LX471M160A202	0.423	0.216	1.10	1.50	35x20
560	381LX561M160H032	0.355	0.181	1.50	2.10	22x35
560	381LX561M160H042	0.355	0.181	1.50	2.10	22x40
560	381L561M160H052	0.355	0.181	1.50	2.10	22x50
560	381LX561M160J022	0.355	0.181	1.50	2.10	25x30
560	381L561M160J042	0.355	0.181	1.50	2.10	25x40
560	381LX561M160K012	0.355	0.181	1.50	2.10	30x25
560	381L561M160K032	0.355	0.181	1.50	2.10	30x30
560	381L561M160A012	0.355	0.181	1.50	2.10	35x25
680	381LX681M160H042	0.293	0.150	1.70	2.40	22x40
680	381LX681M160H452	0.293	0.150	1.70	2.40	22x45
680	381LX681M160J022	0.293	0.150	1.70	2.40	25x30
680	381LX681M160J032	0.293	0.150	1.70	2.40	25x35
680	381L681M160J052	0.293	0.150	1.70	2.40	25x50
680	381LX681M160K022	0.293	0.150	1.70	2.40	30x30
680	381L681M160K032	0.293	0.150	1.70	2.40	30x35
680	381L681M160A022	0.293	0.150	1.70	2.40	35x30
820	381LX821M160H452	0.243	0.124	2.00	2.80	22x45
820	381LX821M160J032	0.243	0.124	2.00	2.80	25x35
820	381LX821M160J042	0.243	0.124	2.00	2.80	25x40
820	381L821M160J052	0.243	0.124	2.00	2.80	25x50
820	381LX821M160K022	0.243	0.124	2.00	2.80	30x30
820	381L821M160K042	0.243	0.124	2.00	2.80	30x40
820	381L821M160K052	0.243	0.124	2.00	2.80	30x50
820	381L821M160A022	0.243	0.124	2.00	2.80	35x30
820	381L821M160A042	0.243	0.124	2.00	2.80	35x40
1000	381LX102M160H052	0.199	0.102	2.20	3.10	22x50
1000	381LX102M160J042	0.199	0.102	2.20	3.10	25x40
1000	381LX102M160J452	0.199	0.102	2.20	3.10	25x45
1000	381LX102M160K022	0.199	0.102	2.20	3.10	30x30
1000	381LX102M160K032	0.199	0.102	2.20	3.10	30x35
1000	381L102M160K052	0.199	0.102	2.20	3.10	30x50
1000	381LX102M160A012	0.199	0.102	2.20	3.10	35x25
1000	381L102M160A032	0.199	0.102	2.20	3.10	35x35
1200	381LX122M160J452	0.166	0.085	2.30	3.20	25x45
1200	381LX122M160J052	0.166	0.085	2.30	3.20	25x50
1200	381LX122M160K032	0.166	0.085	2.30	3.20	30x35
1200	381LX122M160K042	0.166	0.085	2.30	3.20	30x40
1200	381LX122M160A022	0.166	0.085	2.30	3.20	35x30
1200	381L122M160A042	0.166	0.085	2.30	3.20	35x40
1500	381LX152M160K042	0.133	0.068	2.50	3.50	30x40
1500	381LX152M160K452	0.133	0.068	2.50	3.50	30x45
1500	381LX152M160A022	0.133	0.068	2.50	3.50	35x30
1500	381LX152M160A032	0.133	0.068	2.50	3.50	35x35
1800	381LX182M160K452	0.111	0.057	2.70	3.80	30x45
1800	381LX182M160K052	0.111	0.057	2.70	3.80	30x50
1800	381LX182M160A032	0.111	0.057	2.70	3.80	35x35
1800	381LX182M160A042	0.111	0.057	2.70	3.80	35x40
2200	381L222M160A062	0.050	0.027	3.30	4.50	35x63
2200	381LX222M160A452	0.090	0.046	2.90	4.10	35x45
2200	381LX222M160A052	0.090	0.046	2.90	4.10	35x50
2200	383LX222M160N042	0.105	0.063	2.90	4.06	40x40
2700	381L272M160A072	0.043	0.023	3.80	5.20	35x70
2700	383L272M160N062	0.045	0.027	3.80	5.00	40x63
2700	381LX272M160A052	0.074	0.037	3.10	4.40	35x50
3300	381L332M160A082	0.037	0.020	3.80	5.90	35x80
3300	383LX332M160N052	0.070	0.042	3.36	4.70	40x50
3900	383L392M160A082	0.029	0.017	4.90	6.30	40x80
180 Vdc (225 Vdc Surge)						
180	381L181M180H012	1.105	0.564	0.80	1.10	22x25
220	381LX221M180G022	0.904	0.461	1.00	1.40	20x30
220	381LX221M180H012	0.904	0.461	1.00	1.40	22x25
220	381L221M180H022	0.904	0.461	1.00	1.40	22x30
220	381L221M180J012	0.904	0.461	1.00	1.40	25x25
270	381LX271M180G032	0.737	0.376	1.10	1.50	20x35
270	381LX271M180H012	0.737	0.376	1.10	1.50	22x25
270	381L271M180H032	0.737	0.376	1.10	1.50	22x35
330	381LX331M180H022	0.603	0.308	1.20	1.70	22x30
330	381LX331M180J012	0.603	0.308	1.20	1.70	25x25
330	381L331M180J022	0.603	0.308	1.20	1.70	25x30
330	381L331M180K012	0.603	0.308	1.20	1.70	30x25
390	381L391M180H022	0.510	0.260	1.30	1.80	22x30
390	381L391M180H042	0.510	0.260	1.30	1.80	22x40
390	381LX391M180J012	0.510	0.260	1.30	1.80	25x25
390	381L391M180J032	0.510	0.260	1.30	1.80	25x35
470	381LX471M180H032	0.423	0.216	1.40	2.00	22x35
470	381L471M180H052	0.423	0.216	1.40	2.00	22x50
470	381LX471M180J022	0.423	0.216	1.40	2.00	25x30
470	381L471M180J042	0.423	0.216	1.40	2.00	25x40
470	381LX471M180K012	0.423	0.216	1.40	2.00	30x25
470	381L471M180K022	0.423	0.216	1.40	2.00	30x30
470	381L471M180A012	0.423	0.216	1.40	2.00	35x25
560	381LX561M180H042	0.355	0.181	1.50	2.10	22x40
560	381LX561M180J022	0.355	0.181	1.50	2.10	25x30
560	381LX561M180J032	0.355	0.181	1.50	2.10	25x35
560	381LX561M180K012	0.355	0.181	1.50	2.10	30x25
560	381L561M180K032	0.355	0.181	1.50	2.10	30x35
680	381LX681M180H452	0.293	0.149	1.70	2.40	22x45
680	381LX681M180H052	0.293	0.149	1.70	2.40	22x50
680	381LX681M180J032	0.293	0.149	1.70	2.40	25x35
680	381LX681M180J042	0.293	0.149	1.70	2.40	25x40
680	381L681M180J052	0.293	0.149	1.70	2.40	25x50
680	381LX681M180K022	0.293	0.149	1.70	2.40	30x30
680	381L681M180K042	0.293	0.149	1.70	2.40	30x40
680	381L681M180A022	0.293	0.149	1.70	2.40	35x30
820	381LX821M180H052	0.243	0.124	2.00	2.80	22x50
820	381LX821M180J042	0.243	0.124	2.00	2.80	25x40
820	381LX821M180J452	0.243	0.124	2.00	2.80	25x45
820	381LX821M180K022	0.243	0.124	2.00	2.80	30x30
820	381LX821M180K032	0.243	0.124	2.00	2.80	30x35
820	381L821M180A032	0.243	0.124	2.00	2.80	35x35
1000	381LX102M180J452	0.199	0.102	2.20	3.10	25x45
1000	381LX102M180K032	0.199	0.102	2.20	3.10	30x35
1000	381LX102M180K042	0.199	0.102	2.20	3.10	30x40
1000	381L102M180K052	0.199	0.102	2.20	3.10	30x50
1000	381LX102M180A022	0.199	0.102	2.20	3.10	35x30
1000	381L102M180A042	0.199	0.102	2.20	3.10	35x40
1200	381LX122M180J052	0.166	0.085	2.30	3.20	25x50
1200	381LX122M180K042	0.166	0.085	2.30	3.20	30x40
1200	381LX122M180K452	0.166	0.085	2.30	3.20	30x45
1200	381LX122M180A022	0.166	0.085	2.30	3.20	35x30
1500	381LX152M180K452	0.133	0.068	2.50	3.50	30x45
1500	381LX152M180K052	0.133	0.068	2.50	3.50	30x50
1500	381LX152M180A032	0.133	0.068	2.50	3.50	35x35
1500	381LX152M180A042	0.133	0.068	2.50	3.50	35x40
1800	381L182M180A062	0.055	0.028	3.20	4.50	35x63
1800	383L182M180N052	0.059	0.033	3.10	4.20	40x50
1800	381LX182M180A452	0.111	0.028	2.70	3.80	35x45
2200	381L222M180A072	0.046	0.024	3.70	5.20	35x70
2200	383L222M180N062	0.048	0.027	3.70	4.90	40x63

140 Technology Place
Liberty, SC 29657
(864) 843-2277, Fax (864) 843-3800
http://www.cornell-dubilier.com
E-mail: cde@cornell-dubilier.com

CDE CORNELL DUBILIER
Your Source For Capacitor Solutions

Cap. µF	Catalog Number	Max. ESR Ω @ 25 °C 120 Hz	Max. ESR Ω @ 25 °C 20 kHz	Ripple Amps Max. @ 105 °C 120 Hz	Ripple Amps Max. @ 105 °C 20 kHz	Nominal Size DxL (mm)
180 Vdc (225 Vdc Surge) (cont'd)						
2200	381LX222M180A052	0.090	0.046	2.90	4.10	35x50
2700	381L272M180A082	0.039	0.021	4.30	5.90	35x80
3300	383L332M180N082	0.035	0.020	4.80	6.30	40x80
200 Vdc (250 Vdc Surge)						
100	381LX101M200H202	1.989	1.015	0.50	0.70	22x20
100	381L101M200H012	1.989	1.015	0.70	1.00	22x25
150	381L151M200H012	1.326	0.677	0.80	1.10	22x25
150	381L151M200H022	1.326	0.677	0.80	1.10	22x30
150	381LX151M200J202	1.326	0.677	0.70	0.90	25x20
150	381L151M200J012	1.326	0.677	0.80	1.10	25x25
220	381LX221M200G022	0.904	0.461	1.00	1.40	20x30
220	381LX221M200H012	0.904	0.461	1.00	1.40	22x25
220	381L221M200H022	0.904	0.461	1.00	1.40	22x30
220	381L221M200H042	0.904	0.461	1.00	1.40	22x40
220	381L221M200J012	0.904	0.461	1.00	1.40	25x25
220	381L221M200J022	0.904	0.461	1.00	1.40	25x30
220	381LX221M200K202	0.904	0.461	0.90	1.20	30x20
220	381L221M200K012	0.904	0.461	1.00	1.40	30x25
270	381LX271M200G032	0.737	0.376	1.10	1.50	20x35
270	381LX271M200H022	0.737	0.376	1.10	1.50	22x30
270	381L271M200H032	0.737	0.376	1.10	1.50	22x35
270	381LX271M200J012	0.737	0.376	1.10	1.50	25x25
270	381L271M200J022	0.737	0.376	1.10	1.50	25x30
270	381L271M200K012	0.737	0.376	1.10	1.50	30x25
330	381LX331M200G042	0.603	0.308	1.20	1.70	20x40
330	381LX331M200H022	0.603	0.308	1.20	1.70	22x30
330	381L331M200H042	0.603	0.308	1.20	1.70	22x40
330	381L331M200H052	0.603	0.308	1.20	1.70	22x50
330	381LX331M200J012	0.603	0.308	1.20	1.70	25x25
330	381L331M200J042	0.603	0.308	1.20	1.70	25x40
330	381L331M200K022	0.603	0.308	1.20	1.70	30x30
330	381LX331M200A202	0.603	0.308	1.10	1.50	35x20
390	381LX391M200H022	0.510	0.260	1.30	1.80	22x30
390	381LX391M200H032	0.510	0.260	1.30	1.80	22x35
390	381LX391M200J012	0.510	0.260	1.30	1.80	25x25
390	381LX391M200J022	0.510	0.260	1.30	1.80	25x30
390	381L391M200J032	0.510	0.260	1.30	1.80	25x35
390	381LX391M200K012	0.510	0.260	1.30	1.80	30x25
390	381L391M200K022	0.510	0.260	1.30	1.80	30x30
390	381L391M200A012	0.510	0.260	1.30	1.80	35x25
470	381LX471M200H032	0.423	0.216	1.40	2.00	22x35
470	381LX471M200H042	0.423	0.216	1.40	2.00	22x40
470	381L471M200H052	0.423	0.216	1.40	2.00	22x50
470	381LX471M200J022	0.423	0.216	1.40	2.00	25x30
470	381LX471M200J032	0.423	0.216	1.40	2.00	25x35
470	381L471M200J042	0.423	0.216	1.40	2.00	25x40
470	381L471M200J052	0.423	0.216	1.40	2.00	25x50
470	381LX471M200K012	0.423	0.216	1.40	2.00	30x25
470	381L471M200K042	0.423	0.216	1.40	2.00	30x40
470	381L471M200A022	0.423	0.216	1.40	2.00	35x30
560	381LX561M200H042	0.355	0.181	1.50	2.10	22x40
560	381LX561M200H452	0.355	0.181	1.50	2.10	22x45
560	381LX561M200J022	0.355	0.181	1.50	2.10	25x30
560	381LX561M200J032	0.355	0.181	1.50	2.10	25x35
560	381L561M200J052	0.355	0.181	1.50	2.10	25x50
560	381LX561M200K012	0.355	0.181	1.50	2.10	30x25
560	381LX561M200K022	0.355	0.181	1.50	2.10	30x30
560	381L561M200K032	0.355	0.181	1.50	2.10	30x35
560	381L561M200A022	0.355	0.181	1.50	2.10	35x30
680	381LX681M200H452	0.293	0.149	1.70	2.40	22x45
680	381LX681M200J032	0.293	0.149	1.70	2.40	25x35
680	381LX681M200J042	0.293	0.149	1.70	2.40	25x40
680	381LX681M200K022	0.293	0.149	1.70	2.40	30x30
680	381L681M200K042	0.293	0.149	1.70	2.40	30x40
680	381L681M200K052	0.293	0.149	1.70	2.40	30x50
680	381L681M200A032	0.293	0.149	1.70	2.40	35x35
680	381L681M200A042	0.293	0.149	1.70	2.40	35x40
820	381LX821M200J452	0.243	0.124	2.00	2.80	25x45
200 Vdc (250 Vdc Surge) (cont'd)						
820	381LX821M200J052	0.243	0.124	2.00	2.80	25x50
820	381LX821M200K022	0.243	0.124	2.00	2.80	30x30
820	381LX821M200K032	0.243	0.124	2.00	2.80	30x35
820	381L821M200K052	0.243	0.124	2.00	2.80	30x50
820	381LX821M200A012	0.243	0.124	2.00	2.80	35x25
820	381L821M200A042	0.243	0.124	2.00	2.80	35x40
1000	381LX102M200J052	0.199	0.102	2.20	3.10	25x50
1000	381LX102M200K032	0.199	0.102	2.20	3.10	30x35
1000	381LX102M200K042	0.199	0.102	2.20	3.10	30x40
1000	381LX102M200A022	0.199	0.102	2.20	3.10	35x30
1000	381LX102M200A032	0.199	0.102	2.20	3.10	35x35
1000	381L102M200A052	0.199	0.102	1.90	2.70	35x50
1200	381LX122M200K042	0.166	0.085	2.30	3.20	30x40
1200	381LX122M200K052	0.166	0.085	2.30	3.20	30x50
1200	381LX122M200A032	0.166	0.085	2.30	3.20	35x35
1200	381LX122M200A042	0.166	0.085	2.30	3.20	35x40
1500	381LX152M200K052	0.133	0.068	2.50	3.50	30x50
1500	381LX152M200A042	0.133	0.068	2.50	3.50	35x40
1500	381LX152M200A052	0.133	0.068	2.50	3.50	35x50
1800	381L182M200A062	0.055	0.028	3.20	4.50	35x63
1800	383L182M200N052	0.063	0.033	3.00	4.10	40x50
1800	381LX182M200A452	0.111	0.068	2.70	3.80	35x45
1800	383LX182M200N042	0.129	0.077	2.70	3.78	40x40
2200	381L222M200A082	0.042	0.021	4.10	5.80	35x80
2200	383L222M200N062	0.051	0.027	3.60	4.90	40x63
2200	381LX222M200A052	0.090	0.046	2.90	4.00	35x50
2700	383L272M200N082	0.032	0.018	4.60	6.20	40x80
2700	381LX272M200A062	0.092	0.047	2.80	3.90	35x63
2700	383LX272M200N052	0.092	0.047	2.80	3.90	40x50
3300	381LX332M200A082	0.075	0.038	3.00	4.20	35x80
3300	383LX332M200N062	0.075	0.038	3.00	4.20	40x63
3300	383LX332M200B052V	0.075	0.045	5.20	7.28	50x50
3900	383LX392M200B062V	0.064	0.038	5.90	8.26	50x63
4700	381LX472M200A102	0.046	0.028	5.70	7.98	35x105
4700	383LX472M200N082	0.053	0.038	3.30	4.60	40x80
4700	383LX472M200B082V	0.053	0.032	6.82	9.55	50x80
5600	383LX562M200N102	0.041	0.025	6.76	9.46	40x105
5600	383LX562M200B092V	0.044	0.027	7.68	10.75	50x92
6800	383LX682M200B102V	0.034	0.020	8.71	12.19	50x105
250 Vdc (300 Vdc Surge)						
68	381LX680M250H202	2.926	1.493	0.40	0.60	22x20
68	381L680M250H012	2.926	1.493	0.50	0.60	22x25
100	381L101M250H012	1.989	1.015	0.70	1.00	22x25
100	381L101M250H022	1.989	1.015	0.70	1.00	22x30
100	381LX101M250J202	1.989	1.015	0.50	0.70	25x20
100	381L101M250J012	1.989	1.015	0.70	1.00	25x25
150	381L151M250H022	1.326	0.677	0.80	1.10	22x30
150	381L151M250H042	1.326	0.677	0.80	1.10	22x40
150	381L151M250J012	1.326	0.677	0.80	1.10	25x25
150	381L151M250J022	1.326	0.677	0.80	1.10	25x30
150	381LX151M250K202	1.326	0.677	0.70	0.90	30x20
150	381L151M250K012	1.326	0.677	0.80	1.10	30x25
180	381LX181M250H012	0.921	0.461	0.90	1.26	22x25
180	381LX181M250G032	1.105	0.564	0.90	1.30	20x35
180	381LX181M250H022	1.105	0.564	0.90	1.30	22x30
180	381L181M250H032	1.105	0.564	0.90	1.30	22x35
180	381LX181M250J012	1.105	0.564	0.90	1.30	25x25
220	381LX221M250G042	0.904	0.461	1.00	1.40	20x40
220	381LX221M250H022	0.904	0.461	1.00	1.40	22x30
220	381L221M250H042	0.904	0.461	1.00	1.40	22x40
220	381L221M250H052	0.904	0.461	1.10	1.50	22x50
220	381LX221M250J012	0.904	0.461	1.00	1.40	25x25
220	381L221M250J022	0.904	0.461	1.00	1.40	25x30
220	381L221M250J042	0.904	0.461	1.10	1.50	25x40
220	381L221M250K012	0.904	0.461	1.00	1.40	30x25

140 Technology Place
Liberty, SC 29657
(864) 843-2277, Fax (864) 843-3800
http://www.cornell-dubilier.com
E-mail: cde@cornell-dubilier.com

Types 381L, 383L, 381LX & 383LX, 105 °C High-Ripple Snap-In

Cap. µF	Catalog Number	Max. ESR Ω @ 25 °C 120 Hz	Max. ESR Ω @ 25 °C 20 kHz	Ripple Amps Max. @ 105 °C 120 Hz	Ripple Amps Max. @ 105 °C 20 kHz	Nominal Size DxL (mm)
250 Vdc (300 Vdc Surge) (cont'd)						
220	381L221M250K022	0.904	0.461	1.10	1.50	30x30
220	381LX221M250A202	0.904	0.461	0.90	1.20	35x20
270	381LX271M250H032	0.737	0.376	1.10	1.50	22x35
270	381LX271M250J022	0.737	0.376	1.10	1.50	25x30
270	381L271M250J032	0.737	0.376	1.10	1.50	25x35
270	381LX271M250K012	0.737	0.376	1.10	1.50	30x25
270	381L271M250K022	0.737	0.376	1.10	1.50	30x30
270	381L271M250A012	0.737	0.376	1.10	1.50	35x25
330	381LX331M250H042	0.603	0.308	1.20	1.70	22x40
330	381L331M250H052	0.603	0.308	1.20	1.70	22x50
330	381LX331M250J022	0.603	0.308	1.20	1.70	25x30
330	381LX331M250J032	0.603	0.308	1.20	1.70	25x35
330	381L331M250J042	0.603	0.308	1.20	1.70	25x40
330	381L331M250J052	0.603	0.308	1.30	1.80	25x50
330	381LX331M250K012	0.603	0.308	1.20	1.70	30x25
330	381L331M250K042	0.603	0.308	1.30	1.80	30x40
330	381L331M250A022	0.603	0.308	1.30	1.80	35x30
390	381LX391M250H452	0.510	0.260	1.30	1.80	22x45
390	381LX391M250J032	0.510	0.260	1.30	1.80	25x35
390	381LX391M250K012	0.510	0.260	1.30	1.80	30x25
390	381LX391M250K022	0.510	0.260	1.30	1.80	30x30
390	381L391M250A022	0.510	0.260	1.30	1.80	35x30
470	381LX471M250H052	0.423	0.216	1.40	2.00	22x50
470	381LX471M250J042	0.423	0.216	1.40	2.00	25x40
470	381LX471M250J452	0.423	0.216	1.40	2.00	25x45
470	381L471M250J052	0.423	0.216	1.40	2.00	25x50
470	381LX471M250K022	0.423	0.216	1.40	2.00	30x30
470	381LX471M250K032	0.423	0.216	1.40	2.00	30x35
470	381L471M250K042	0.423	0.216	1.40	2.00	30x40
470	381L471M250K052	0.423	0.216	1.40	2.00	30x50
470	381LX471M250A022	0.423	0.216	1.40	2.00	35x30
470	381L471M250A032	0.423	0.216	1.40	2.00	35x35
470	381L471M250A042	0.423	0.216	1.40	2.00	35x40
560	381LX561M250J452	0.355	0.181	1.50	2.10	25x45
560	381LX561M250J052	0.355	0.181	1.50	2.10	25x50
560	381LX561M250K032	0.355	0.181	1.50	2.10	30x35
560	381L561M250K052	0.355	0.181	1.50	2.10	30x50
560	381LX561M250A012	0.355	0.181	1.50	2.10	35x25
560	381LX561M250A022	0.355	0.181	1.50	2.10	35x30
560	381L561M250A042	0.355	0.181	1.50	2.10	35x40
680	381LX681M250J052	0.244	0.134	1.70	2.38	25x50
680	381LX681M250K042	0.244	0.134	1.70	2.38	30x40
680	381LX681M250A022	0.244	0.134	1.70	2.38	35x30
680	381LX681M250K452	0.293	0.149	1.70	2.40	30x45
680	381LX681M250A032	0.293	0.149	1.70	2.40	35x35
680	381L681M250A052	0.293	0.149	1.80	2.50	35x50
820	381LX821M250K452	0.243	0.124	2.00	2.80	30x45
820	381LX821M250K052	0.243	0.124	2.00	2.80	30x50
820	381LX821M250A032	0.243	0.124	2.00	2.80	35x35
820	381LX821M250A042	0.243	0.124	2.00	2.80	35x40
1000	381LX102M250K052	0.199	0.102	2.20	3.10	30x50
1000	381LX102M250A042	0.199	0.102	2.20	3.10	35x40
1000	381LX102M250A452	0.199	0.102	2.20	3.10	35x45
1200	383L122M250N052	0.081	0.031	2.60	4.30	40x50
1200	381LX122M250A452	0.166	0.085	2.30	3.20	35x45
1200	381LX122M250A052	0.166	0.085	2.30	3.20	35x50
1200	383LX122M250N042	0.180	0.117	2.66	3.72	40x40
1500	381L152M250A072	0.066	0.021	3.10	5.50	35x70
1500	381LX152M250A052	0.132	0.067	2.50	3.50	35x50
1800	381L182M250A082	0.057	0.018	3.60	6.30	35x80
1800	383L182M250N062	0.066	0.025	3.10	5.10	40x63
1800	383LX182M250N052	0.120	0.078	3.25	4.55	40x50
2200	383L222M250N082	0.043	0.017	4.00	6.40	40x80
2200	381LX222M250A082	0.096	0.064	3.75	5.25	35x80
2200	383LX222M250B052V	0.098	0.064	4.35	6.09	50x50
2200	383LX222M250N062	0.113	0.058	2.80	3.90	40x63
2700	381LX272M250A102	0.080	0.052	4.80	6.72	35x105
2700	383LX272M250B062V	0.080	0.052	4.98	6.97	50x63
250 Vdc (300 Vdc Surge) (cont'd)						
2700	383LX272M250N082	0.092	0.047	3.10	4.30	40x80
3300	383LX332M250N082	0.065	0.042	4.86	6.80	40x80
3900	383LX392M250N102	0.055	0.036	5.61	7.85	40x105
3900	383LX392M250B082V	0.055	0.036	6.10	8.54	50x80
4300	383LX432M250B092V	0.050	0.033	6.67	9.34	50x92
4700	383LX472M250B102V	0.046	0.030	7.03	9.84	50x105
315 Vdc (365 Vdc Surge)						
56	381L560M315H012	3.553	1.813	0.50	0.70	22x25
82	381LX820M315G022	2.426	1.238	0.60	0.90	20x30
82	381LX820M315H012	2.426	1.238	0.60	0.90	22x25
82	381L820M315H022	2.426	1.238	0.60	0.90	22x30
82	381L820M315J012	2.426	1.238	0.60	0.90	25x25
100	381LX101M315G032	1.989	1.015	0.70	1.00	20x35
100	381LX101M315H022	1.989	1.015	0.70	1.00	22x30
120	381LX121M315G042	1.658	0.846	0.80	1.10	20x40
120	381LX121M315H022	1.658	0.846	0.80	1.10	22x30
120	381L121M315H032	1.658	0.846	0.80	1.10	22x35
120	381LX121M315J012	1.658	0.846	0.80	1.10	25x25
120	381L121M315J022	1.658	0.846	0.80	1.10	25x30
120	381L121M315K012	1.658	0.846	0.80	1.10	30x25
150	381LX151M315H032	1.326	0.677	0.80	1.10	22x35
150	381L151M315H042	1.326	0.677	0.80	1.10	22x40
150	381LX151M315J022	1.326	0.677	0.80	1.10	25x30
150	381L151M315J032	1.326	0.677	0.80	1.10	25x35
150	381LX151M315K012	1.326	0.677	0.80	1.10	30x25
180	381LX181M315H042	1.105	0.564	0.90	1.30	22x40
180	381L181M315H052	1.105	0.564	0.90	1.30	22x50
180	381LX181M315J022	1.105	0.564	0.90	1.30	25x30
180	381LX181M315J032	1.105	0.564	0.90	1.30	25x35
180	381L181M315J042	1.105	0.564	0.90	1.30	25x40
180	381LX181M315K012	1.105	0.564	0.90	1.30	30x25
180	381L181M315K022	1.105	0.564	0.90	1.30	30x30
180	381L181M315A012	1.105	0.564	0.90	1.30	35x25
220	381LX221M315H452	0.904	0.461	1.00	1.40	22x45
220	381LX221M315J032	0.904	0.461	1.00	1.40	25x35
220	381LX221M315J042	0.904	0.461	1.00	1.40	25x40
220	381LX221M315K012	0.904	0.461	1.00	1.40	30x25
220	381LX221M315K022	0.904	0.461	1.00	1.40	30x30
220	381L221M315K032	0.904	0.461	1.00	1.40	30x35
220	381L221M315A022	0.904	0.461	1.00	1.40	35x30
270	381LX271M315H052	0.737	0.376	1.10	1.50	22x50
270	381LX271M315J042	0.737	0.376	1.10	1.50	25x40
270	381LX271M315J452	0.737	0.376	1.10	1.50	25x45
270	381L271M315J052	0.737	0.376	1.10	1.50	25x50
270	381LX271M315K022	0.737	0.376	1.10	1.50	30x30
270	381LX271M315K032	0.737	0.376	1.10	1.50	30x35
270	381L271M315K042	0.737	0.376	1.10	1.50	30x40
270	381LX271M315A022	0.737	0.376	1.10	1.50	35x30
330	381LX331M315J452	0.603	0.308	1.20	1.70	25x45
330	381LX331M315J052	0.603	0.308	1.20	1.70	25x50
330	381LX331M315K032	0.603	0.308	1.20	1.70	30x35
330	381LX331M315K042	0.603	0.308	1.20	1.70	30x40
330	381LX331M315A022	0.603	0.308	1.20	1.70	35x30
330	381L331M315A032	0.603	0.308	1.20	1.70	35x35
390	381L391M315J052	0.510	0.260	1.30	1.80	25x50
390	381L391M315K042	0.510	0.260	1.30	1.80	30x40
390	381LX391M315K452	0.510	0.260	1.30	1.80	30x45
390	381L391M315K052	0.510	0.260	1.30	1.80	30x50
390	381L391M315A022	0.510	0.260	1.30	1.80	35x30
390	381LX391M315A032	0.510	0.260	1.30	1.80	35x35
390	381L391M315A042	0.510	0.260	1.30	1.80	35x40
470	381LX471M315K452	0.423	0.216	1.40	2.00	30x45
470	381LX471M315K052	0.423	0.216	1.40	2.00	30x50
470	381LX471M315A032	0.423	0.216	1.40	2.00	35x35
470	381LX471M315A042	0.423	0.216	1.40	2.00	35x40
560	381LX561M315K052	0.355	0.181	1.50	2.10	30x50
560	381LX561M315A042	0.355	0.181	1.50	2.10	35x40
560	381LX561M315A452	0.355	0.181	1.50	2.10	35x45

140 Technology Place
Liberty, SC 29657
(864) 843-2277, Fax (864) 843-3800
http://www.cornell-dubilier.com
E-mail: cde@cornell-dubilier.com

CDE CORNELL DUBILIER
Your Source For Capacitor Solutions

Cap. µF	Catalog Number	Max. ESR Ω @ 25 °C 120 Hz	Max. ESR Ω @ 25 °C 20 kHz	Ripple Amps Max. @ 105 °C 120 Hz	Ripple Amps Max. @ 105 °C 20 kHz	Nominal Size DxL (mm)
315 Vdc (365 Vdc Surge) (cont'd)						
680	381LX681M315A452	0.293	0.149	1.70	2.40	35x45
680	381LX681M315A052	0.293	0.149	1.70	2.40	35x50
820	381L821M315A062	0.180	0.130	1.70	2.10	35x63
820	383L821M315N052	0.190	0.130	1.70	2.10	40x50
820	381LX821M315A052	0.242	0.030	2.00	2.80	35x50
1000	381L102M315A072	0.150	0.110	2.00	2.50	35x70
1200	381L122M315A082	0.130	0.089	2.30	2.80	35x80
1200	383L122M315N062	0.150	0.110	2.10	2.50	40x63
1500	383L152M315N082	0.110	0.055	2.70	3.20	40x80
350 Vdc (400 Vdc Surge)						
56	381L560M350H012	3.553	1.813	0.50	0.70	22x25
68	381LX680M350G012	2.926	1.510	0.60	0.80	20x25
82	381LX820M350G022	2.426	1.238	0.60	0.90	20x30
82	381LX820M350H012	2.426	1.238	0.60	0.90	22x25
82	381L820M350H022	2.426	1.238	0.60	0.90	22x30
82	381L820M350J012	2.426	1.238	0.60	0.90	25x25
100	381LX101M350G032	1.989	1.015	0.70	1.00	20x35
100	381LX101M350H022	1.989	1.015	0.70	1.00	22x30
100	381L101M350H032	1.989	1.015	0.70	1.00	22x35
100	381LX101M350J012	1.989	1.015	0.70	1.00	25x25
100	381L101M350J022	1.989	1.015	0.70	1.00	25x30
100	381L101M350K012	1.989	1.015	0.70	1.00	30x25
120	381LX121M350G042	1.658	0.846	0.80	1.10	20x40
120	381LX121M350H022	1.658	0.846	0.80	1.10	22x30
120	381LX121M350H032	1.658	0.846	0.80	1.10	22x35
120	381L121M350H042	1.658	0.846	0.80	1.10	22x40
120	381LX121M350J012	1.658	0.846	0.80	1.10	25x25
120	381LX121M350J022	1.658	0.846	0.80	1.10	25x30
120	381L121M350J032	1.658	0.846	0.80	1.10	25x35
150	381LX151M350H032	1.326	0.677	0.80	1.10	22x35
150	381LX151M350H042	1.326	0.677	0.80	1.10	22x40
150	381LX151M350J022	1.326	0.677	0.80	1.10	25x30
150	381LX151M350K012	1.326	0.677	0.80	1.10	30x25
150	381L151M350K022	1.326	0.677	0.80	1.10	30x30
150	381L151M350A012	1.326	0.677	0.80	1.10	35x25
180	381LX181M350H042	1.105	0.564	0.90	1.30	22x40
180	381LX181M350H452	1.105	0.564	0.90	1.30	22x45
180	381L181M350H052	1.105	0.564	0.90	1.30	22x50
180	381LX181M350J022	1.105	0.564	0.90	1.30	25x30
180	381LX181M350J032	1.105	0.564	0.90	1.30	25x35
180	381L181M350J042	1.105	0.564	0.90	1.30	25x40
180	381LX181M350K012	1.105	0.564	0.90	1.30	30x25
180	381LX181M350K022	1.105	0.564	0.90	1.30	30x30
180	381L181M350K032	1.105	0.564	0.90	1.30	30x35
220	381LX221M350H452	0.904	0.461	1.00	1.40	22x45
220	381LX221M350H052	0.904	0.461	1.00	1.40	22x50
220	381LX221M350J032	0.904	0.461	1.00	1.40	25x35
220	381LX221M350J042	0.904	0.461	1.00	1.40	25x40
220	381L221M350J052	0.904	0.461	1.00	1.40	25x50
220	381LX221M350K022	0.904	0.461	1.00	1.40	30x30
220	381L221M350K042	0.904	0.461	1.00	1.40	30x40
220	381L221M350A022	0.904	0.461	1.00	1.40	35x30
270	381LX271M350J452	0.737	0.376	1.10	1.50	25x45
270	381LX271M350J052	0.737	0.376	1.10	1.50	25x50
270	381LX271M350K022	0.737	0.376	1.10	1.50	30x30
270	381LX271M350K032	0.737	0.376	1.10	1.50	30x35
270	381LX271M350A012	0.737	0.376	1.10	1.50	35x25
270	381LX271M350A022	0.737	0.376	1.10	1.50	35x30
270	381L271M350A032	0.737	0.376	1.10	1.50	35x35
330	381LX331M350J052	0.603	0.308	1.20	1.70	25x50
330	381LX331M350K042	0.603	0.308	1.20	1.70	30x40
330	381LX331M350K452	0.603	0.308	1.20	1.70	30x45
330	381L331M350K052	0.603	0.308	1.20	1.70	30x50
330	381LX331M350A022	0.603	0.308	1.20	1.70	35x30
330	381LX331M350A032	0.603	0.308	1.20	1.70	35x35
330	381L331M350A042	0.603	0.308	1.20	1.70	35x40
390	381LX391M350K452	0.510	0.260	1.30	1.80	30x45
390	381LX391M350K052	0.510	0.260	1.30	1.80	30x50

Cap. µF	Catalog Number	Max. ESR Ω @ 25 °C 120 Hz	Max. ESR Ω @ 25 °C 20 kHz	Ripple Amps Max. @ 105 °C 120 Hz	Ripple Amps Max. @ 105 °C 20 kHz	Nominal Size DxL (mm)
350 Vdc (400 Vdc Surge) (cont'd)						
390	381LX391M350A022	0.510	0.260	1.30	1.80	35x30
390	381LX391M350A042	0.510	0.260	1.30	1.80	35x40
470	381LX471M350K052	0.423	0.216	1.40	2.00	30x50
470	381LX471M350A042	0.423	0.216	1.40	2.00	35x40
560	383L561M350N042	0.299	0.205	1.30	1.50	40x40
560	381LX561M350A452	0.355	0.181	1.50	2.10	35x45
560	381LX561M350A052	0.355	0.181	1.50	2.10	35x50
680	381LX681M350A052	0.293	0.149	1.70	2.40	35x50
680	383LX681M350N042	0.317	0.127	2.30	3.22	40x40
820	381LX821M350A062	0.303	0.155	2.70	3.70	35x63
820	383LX821M350N052	0.303	0.155	2.70	3.70	40x50
1000	383L102M350N062	0.170	0.117	2.00	2.40	40x63
1000	381L102M350A072	0.173	0.117	1.90	2.30	35x70
1000	383LX102M350B052V	0.216	0.086	3.56	4.96	50x50
1200	381LX122M350A082	0.207	0.106	3.20	4.50	35x80
1200	383LX122M350N062	0.207	0.106	3.20	4.50	40x63
1500	381LX152M350A102	0.144	0.057	4.78	6.69	35x105
1500	383LX152M350B062V	0.144	0.057	4.16	5.82	50x63
1500	383LX152M350N082	0.166	0.085	3.80	5.25	40x80
1800	383LX182M350N102	0.120	0.048	5.23	7.32	40x105
1800	383LX182M350B082V	0.120	0.048	5.69	7.97	50x80
2000	383LX202M350B092V	0.108	0.043	6.34	8.88	50x92
2200	383LX222M350B102V	0.098	0.039	6.60	9.30	50x105
400 Vdc (450 Vdc Surge)						
33	381LX330M400H202	6.029	3.080	0.20	0.30	22x20
33	381L330M400H012	6.029	3.080	0.30	0.40	22x25
47	381L470M400H022	4.233	2.160	0.50	0.70	22x30
47	381LX470M400J202	4.233	2.160	0.30	0.40	25x20
47	381LX470M400J012	4.233	2.160	0.50	0.70	25x25
47	381LX470M400H012	5.644	2.880	0.50	0.70	22x25
56	381LX560M400G022	3.553	1.813	0.50	0.70	20x30
56	381LX560M400H012	3.553	1.813	0.50	0.70	22x25
56	381L560M400H022	4.737	2.417	0.50	0.70	22x30
56	381L560M400J012	4.737	2.417	0.50	0.70	25x25
68	381LX680M400G032	2.926	1.493	0.60	0.80	20x35
68	381LX680M400H022	2.926	1.493	0.60	0.80	22x30
68	381L680M400H042	2.926	1.493	0.60	0.80	22x40
68	381LX680M400J012	2.926	1.493	0.60	0.80	25x25
68	381L681M400J022	2.926	1.493	0.60	0.80	25x30
68	381LX680M400K202	2.926	1.493	0.40	0.50	30x20
68	381L680M400K012	2.926	1.493	0.60	0.80	30x25
68	381L680M400H032	3.901	1.990	0.60	0.80	22x35
82	381LX820M400G042	2.426	1.238	0.60	0.90	20x40
82	381LX820M400H022	2.426	1.238	0.60	0.90	22x30
82	381LX820M400H032	2.426	1.238	0.60	0.90	22x35
82	381LX820M400J012	2.426	1.238	0.60	0.90	25x25
82	381L820M400H042	3.235	1.650	0.60	0.90	22x40
82	381L820M400J022	3.235	1.650	0.60	0.90	25x30
82	381L820M400K012	3.235	1.650	0.60	0.90	30x25
100	381LX101M400H022	1.989	1.015	0.70	1.00	22x30
100	381LX101M400H032	1.989	1.015	0.70	1.00	22x35
100	381L101M400H052	1.989	1.015	0.70	1.00	22x50
100	381LX101M400J012	1.989	1.015	0.70	1.00	25x25
100	381LX101M400J022	1.989	1.015	0.70	1.00	25x30
100	381L101M400J042	1.989	1.015	0.70	1.00	25x40
100	381L101M400K022	1.989	1.015	0.70	1.00	30x30
100	381LX101M400A202	1.989	1.015	0.50	0.70	35x20
100	381L101M400J032	2.653	1.354	0.70	1.00	25x35
120	381LX121M400H032	1.658	0.846	0.80	1.10	22x35
120	381LX121M400H042	1.658	0.846	0.80	1.10	22x40
120	381LX121M400J022	1.658	0.846	0.80	1.10	25x30
120	381LX121M400J032	1.658	0.846	0.80	1.10	25x35
120	381LX121M400K012	1.658	0.846	0.80	1.10	30x25
120	381L121M400H052	2.210	1.128	0.80	1.10	22x50
120	381L121M400J042	2.210	1.128	0.80	1.10	25x40
120	381L121M400K032	2.210	1.128	0.80	1.10	30x35
120	381L121M400A012	2.210	1.128	0.80	1.10	35x25
150	381LX151M400H042	1.326	0.677	0.80	1.10	22x40

CDE CORNELL DUBILIER
Your Source For Capacitor Solutions
140 Technology Place
Liberty, SC 29657
(864) 843-2277, Fax (864) 843-3800
http://www.cornell-dubilier.com
E-mail: cde@cornell-dubilier.com

Types 381L, 383L, 381LX & 383LX, 105 °C High-Ripple Snap-In

Cap. µF	Catalog Number	Max. ESR Ω @ 25 °C 120 Hz	Max. ESR Ω @ 25 °C 20 kHz	Ripple Amps Max. @ 105 °C 120 Hz	Ripple Amps Max. @ 105 °C 20 kHz	Nominal Size DxL (mm)
400 Vdc (450 Vdc Surge) (cont'd)						
150	381LX151M400H052	1.326	0.677	0.80	1.10	22x50
150	381LX151M400J022	1.326	0.677	0.80	1.10	25x30
150	381LX151M400J042	1.326	0.677	0.80	1.10	25x40
150	381L151M400J052	1.326	0.677	0.80	1.10	25x50
150	381LX151M400K012	1.326	0.677	0.80	1.10	30x25
150	381LX151M400K022	1.326	0.677	0.80	1.10	30x30
150	381L151M400K042	1.326	0.677	0.80	1.10	30x40
150	381L151M400A022	1.326	0.677	0.80	1.10	35x30
150	381L151M400K032	1.768	0.902	0.80	1.10	30x35
180	381LX181M400H452	1.105	0.564	0.90	1.30	22x45
180	381LX181M400J032	1.105	0.564	0.90	1.30	25x35
180	381LX181M400J452	1.105	0.564	0.90	1.30	25x45
180	381LX181M400K022	1.105	0.564	0.90	1.30	30x30
180	381LX181M400K032	1.105	0.564	0.90	1.30	30x35
180	381LX181M400A012	1.105	0.564	0.90	1.30	35x25
180	381L181M400J052	1.474	0.752	0.90	1.30	25x50
180	381L181M400K042	1.474	0.752	0.90	1.30	30x40
180	381L181M400A022	1.474	0.752	0.90	1.30	35x30
220	381LX221M400J452	0.904	0.461	1.00	1.40	25x45
220	381LX221M400J052	0.904	0.461	1.00	1.40	25x50
220	381LX221M400K022	0.904	0.461	1.00	1.40	30x30
220	381LX221M400K042	0.904	0.461	1.00	1.40	30x40
220	381L221M400K052	0.904	0.461	1.00	1.40	30x50
220	381LX221M400A012	0.904	0.461	1.00	1.40	35x25
220	381LX221M400A022	0.904	0.461	1.00	1.40	35x30
220	381L221M400A042	0.904	0.461	1.00	1.40	35x40
220	381L221M400A032	1.206	0.615	1.00	1.40	35x35
270	381LX271M400J052	0.737	0.376	1.10	1.50	25x50
270	381LX271M400K032	0.737	0.376	1.10	1.50	30x35
270	381LX271M400K452	0.737	0.376	1.10	1.50	30x45
270	381LX271M400A022	0.737	0.376	1.10	1.50	35x30
270	381LX271M400A032	0.737	0.376	1.10	1.50	35x35
270	381L271M400K052	0.982	0.501	1.10	1.50	30x50
270	381L271M400A042	0.982	0.501	1.10	1.50	35x40
330	381LX331M400K452	0.603	0.308	1.20	1.70	30x45
330	381LX331M400K052	0.603	0.308	1.20	1.70	30x50
330	381LX331M400A032	0.603	0.308	1.20	1.70	35x35
330	381LX331M400A042	0.603	0.308	1.20	1.70	35x40
330	381L331M400A052	0.603	0.308	1.20	1.70	35x50
390	381LX391M400K052	0.510	0.260	1.30	1.80	30x50
390	381LX391M400A042	0.510	0.260	1.30	1.80	35x40
390	381LX391M400A452	0.510	0.260	1.30	1.80	35x45
470	383LX471M400N042	0.353	0.141	1.80	2.50	40x40
470	381LX471M400A452	0.423	0.216	1.40	2.00	35x45
470	381LX471M400A052	0.423	0.216	1.40	2.00	35x50
560	381L561M400A062	0.254	0.170	1.50	1.80	35x63
560	383L561M400N052	0.259	0.145	1.50	2.00	40x50
560	381LX561M400A052	0.355	0.181	1.50	2.10	35x50
680	383L681M400N062	0.207	0.116	1.80	2.40	40x63
680	383LX681M400N052	0.366	0.187	2.20	3.00	40x50
820	383LX821M400B052V	0.202	0.061	3.20	4.40	50x50
820	381LX821M400A062	0.303	0.155	2.60	3.60	35x63
1000	381LX102M400A082	0.249	0.127	3.00	4.20	35x80
1000	383LX102M400N062	0.166	0.066	3.00	4.20	40x63
1200	381LX122M400A102	0.138	0.055	3.80	5.30	35x105
1200	383LX122M400B062V	0.152	0.061	4.20	5.90	50x63
1200	383LX122M400N082	0.207	0.106	3.30	4.60	40x80
1500	383LX152M400N102	0.111	0.044	4.80	6.70	40x105
1500	383LX152M400B082V	0.122	0.049	5.20	7.30	50x80
1600	383LX162M400B092V	0.114	0.046	5.60	8.00	50x92
1800	383LX182M400B102V	0.101	0.041	6.48	9.10	50x105

Cap. µF	Catalog Number	Max. ESR Ω @ 25 °C 120 Hz	Max. ESR Ω @ 25 °C 20 kHz	Ripple Amps Max. @ 105 °C 120 Hz	Ripple Amps Max. @ 105 °C 20 kHz	Nominal Size DxL (mm)
450 Vdc (500 Vdc Surge)						
33	381LX330M450H012	8.038	4.101	0.40	0.50	22x25
47	381LX470M450H022	5.644	2.880	0.40	0.60	22x30
47	381LX470M450J012	5.644	2.880	0.40	0.60	25x25
56	381LX560M450H012	2.366	0.947	0.40	0.56	22x25
56	381LX560M450H032	4.737	2.417	0.50	0.70	22x35
68	381LX680M450H022	1.950	0.780	0.50	0.70	22x30
68	381LX680M450J012	1.950	0.780	0.50	0.70	25x25
68	381LX680M450H042	3.901	1.990	0.50	0.70	22x40
68	381LX680M450J022	3.901	1.990	0.50	0.70	25x30
68	381LX680M450K012	3.901	1.990	0.50	0.70	30x25
82	381LX820M450J012	2.022	0.708	0.56	0.78	25x25
82	381LX820M450H022	3.235	1.651	0.60	0.80	22x30
82	381LX820M450J032	3.235	1.651	0.60	0.80	25x35
100	381LX101M450H042	1.326	0.531	0.64	0.90	22x40
100	381LX101M450K012	1.326	0.531	0.64	0.90	30x25
100	381LX101M450H032	2.653	1.354	0.60	0.90	22x35
100	381LX101M450H052	2.653	1.354	0.60	0.90	22x50
100	381LX101M450J022	2.653	1.354	0.60	0.90	25x30
100	381LX101M450J042	2.653	1.354	0.60	0.90	25x40
100	381LX101M450K022	2.653	1.354	0.90	0.90	30x30
100	381LX101M450A012	2.653	1.354	0.60	0.90	35x25
120	381LX121M450K012	1.382	0.484	0.72	1.01	30x25
120	381LX121M450H042	2.210	1.128	0.70	1.00	22x40
120	381LX121M450J032	2.210	1.128	0.70	1.00	25x35
120	381LX121M450K032	2.210	1.128	0.70	1.00	30x35
150	381LX151M450A012	0.884	0.354	0.79	1.11	35x25
150	381LX151M450H052	1.768	0.902	0.80	1.10	22x50
150	381LX151M450J042	1.768	0.902	0.80	1.10	25x40
150	381LX151M450J052	1.768	0.902	0.80	1.10	25x50
150	381LX151M450K022	1.768	0.902	0.80	1.10	30x30
150	381LX151M450K042	1.768	0.902	0.80	1.10	30x40
150	381LX151M450A022	1.768	0.902	0.80	1.10	35x30
180	381LX181M450J452	1.474	0.752	0.90	1.30	25x45
180	381LX181M450K032	1.474	0.752	0.90	1.30	30x35
180	381LX181M450A032	1.474	0.752	0.80	1.10	35x35
220	381LX221M450A022	0.678	0.271	1.00	1.40	35x30
220	381LX221M450J052	1.206	0.615	1.00	1.40	25x50
220	381LX221M450K042	1.206	0.615	1.00	1.40	30x40
220	381LX221M450K052	1.206	0.615	0.90	1.30	30x50
220	381LX221M450A042	1.206	0.615	0.90	1.30	35x40
270	381LX271M450K452	0.982	0.501	1.20	1.70	30x45
270	381LX271M450A032	0.982	0.501	1.20	1.70	35x35
330	381LX331M450K052	0.804	0.410	1.40	2.00	30x50
330	381LX331M450A042	0.804	0.410	1.40	2.00	35x40
390	383LX391M450N042	0.425	0.170	1.68	2.35	40x40
390	381LX391M450A452	0.680	0.347	1.60	2.20	35x45
470	381LX471M450A052	0.564	0.288	1.70	2.40	35x50
560	383L561M450N062	0.219	0.146	1.80	2.40	40x63
560	381LX561M450A062	0.444	0.226	2.20	3.00	35x63
560	383LX561M450N052	0.444	0.226	2.10	2.90	40x50
680	383L681M450A082	0.188	0.124	2.00	2.50	35x80
680	383LX681M450B052V	0.244	0.085	2.90	4.06	50x50
680	383LX681M450N062	0.366	0.187	2.50	3.50	40x63
820	383L821M450N082	0.155	0.103	2.40	3.10	40x80
820	383LX821M450B062V	0.222	0.078	3.42	4.79	50x63
820	383LX821M450A082	0.303	0.155	2.70	3.80	35x80
1000	381LX102M450A102	0.166	0.058	3.47	4.86	35x105
1000	383LX102M450N082	0.166	0.058	3.50	4.90	40x80
1200	383LX122M450N102	0.138	0.048	4.33	6.06	40x105
1200	383LX122M450B082V	0.152	0.053	4.70	6.58	50x80
1300	383LX132M450B092V	0.140	0.049	5.16	7.25	50x92
1500	383LX152M450B102V	0.122	0.043	6.03	8.44	50x105

140 Technology Place
Liberty, SC 29657
(864) 843-2277, Fax (864) 843-3800
http://www.cornell-dubilier.com
E-mail: cde@cornell-dubilier.com

CDE CORNELL DUBILIER
Your Source For Capacitor Solutions

X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Aluminium Electrolytic Capacitors - Snap In ***category:***

Click to view products by Cornell Dubilier ***manufacturer:***

Other Similar products are found below :

NRLF103M25V35X20F EET-XB2W221LA 419-2066-400 B41231C4229M B43508C5337M062 MAL215969181E3 ALC40F1012DH ALC40E1004EL 383LX332M250N082V LGZ2W101MELB30 LGZ2W151MELB40 LGZ2W271MELC45 LGZ2W221MELC40 LGZ2W331MELC50 LGZ2W121MELC25 HFE102M35070FVA KN821M40035x50A EHP337M2DO25SW EKMM451VSN471MA45S EKMW451VSN331MR30S ELXS601VSN121MA30S ESMH101VNN682MA50U KN471M20022*36A ELH2GM221P30KT ELT2WM221Q35KT CK221MOH40B CL221KPI30B CL271MPI40B CL471MVJ50B EKMR451VSN471MA35S EKMR451VSN151MP35S ELXS421VSN221MP45S KN331M40030*35A ELG229M016AS3AA B43541A6397M000 B43544C6227M000 B43630B5477M067 B43640E9477M000 B43644J6477M000 MAL215757331E3 MAL229956561E3 MAL229966182E3 MAL229967471E3 MAL229967821E3 ALC70A821EF400 ALC70A102EH400 MAL205658102E3 MAL205855103E3 MAL209436471E3 MAL215848103E3