#### 2, 4 and 5 pin styles available



The excellent value of Type 380L/LX capacitors finds application in switching power supply input and output circuits and even motor drives where the high surface area of multiple units in parallel approaches the ripple capability of our Type 520C computer-grade capacitor. Type 380LX delivers more capacitance per can size while Type 380L available in the largest case sizes gives lower ESR for the same capacitance. Types 382L and 382LX give the choice of 4 or 5 leads for stable, reverse proof mounting.

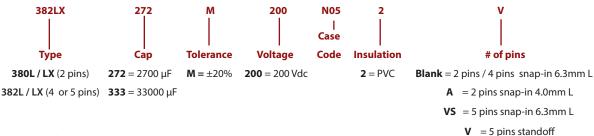
#### **Highlights**

- Latest available ratings, worldwide
- Top performance in power supplies and motor drives
- Big selection of 49 case sizes
- 2, 4 and 5 leads available

#### **Specifications**

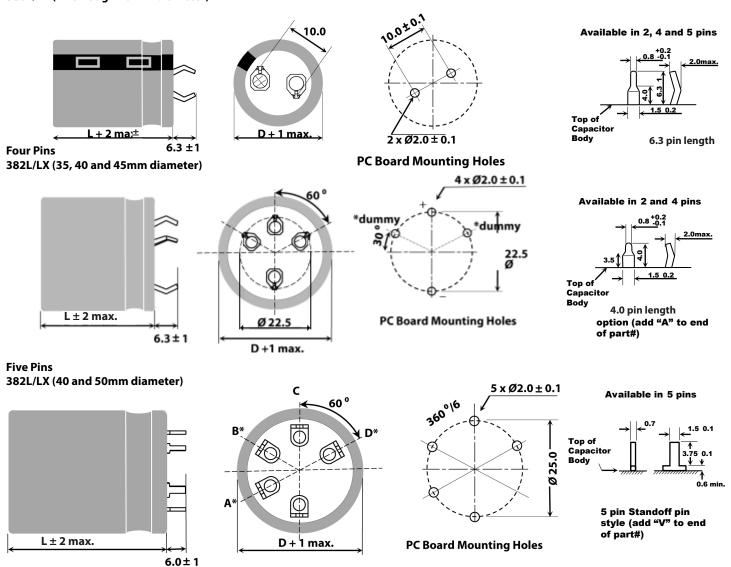
Temperature Range	-40 °C to +85 °C ≤ 250 Vdc -25 °C to +85 °C ≥ 315 Vdc
Rated Voltage Range	16 Vdc to 500 Vdc
Capacitance Range	33 μF to 270,000 μF
Capacitance Tolerance	± 20%
Leakage Current	≤3√CV µA at 5 min
Ripple Current Multipliers	Ambient Temperature
	45 °C 60 °C 70 °C 85 °C
	1.5 1.4 1.3 1.0
	Frequency  50 Hz 60 Hz 120 Hz 500 kHz 1 kHz & Up
	16 - 100 WV   0.93   0.95   1.00   1.05   1.08   1.15
	160 - 450 WV 0.75 0.80 1.00 1.20 1.25 1.40
Low Temperature Characteristics	Impedance ratio: $Z_{-20^{\circ}C}/Z_{+25^{\circ}C}$ $\leq 8 (16-50 \text{ Vdc})$ $\leq 4 (63-100 \text{ Vdc})$ $\leq 3 (150-500 \text{ Vdc})$
Endurance Life Test	3,000 h @ full load at +85 °C △ Capacitance ±20% ESR 200% of limit DCL 100% of limit
Shelf Life Test	1,000 h @ 85 °C $\Delta$ Capacitance $\pm 20\%$ ESR 200% of limit DCL 100% of limit
Vibration	10 to 55 Hz, 0.06" and 10 g max, 2 h in each plane
	RoHS Compliant

# 2, 4 and 5 pin styles available Part Numbering System



#### **Outline Drawings** Dimensions shown are in mm

Two Pins 380L/LX (22 through 40 mm diameter)



	Connection							
Terminal	40 mm Dia.	50 mm Dia.						
Α	dummy	negative (–)						
В	dummy	dummy						
c	positive (+)	positive (+)						
D	dummy	positive (+)						
_	negative (-)	negative (-)						

#### Notes

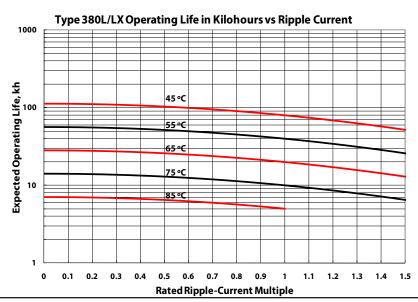
- \* Use dummy terminals for mechanical support only. Make no electrical connection because they resistively connect through the electrolyte to the negative terminal.
- \*\* Safety Vent may be on the bottom or on the side of the can.

# 2, 4 and 5 pin styles available Insulated Case Dimensions

Case Code	DI	AMETER "D"	L	ENGTH "L"	Typical Weight							
	mm	inches	mm	inches	(grams)							
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							
J45	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							
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							

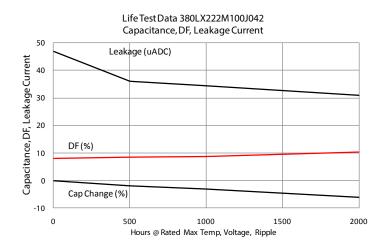
Case Code	DI	AMETER "D"	LE	NGTH "L"	Typical Weight
	mm	inches	mm	inches	(grams)
A04	35	1.38	40	1.57	62
A45	35	1.38	45	1.77	67
A05	35	1.38	50	1.97	74
A55	35	1.38	55	2.17	80
A06	35	1.38	63	2.48	88
A07	35	1.38	70	2.76	98
A08	35	1.38	80	3.15	112
A10	35	1.38	105	4.13	144
N04	40	1.57	40	1.57	82
N05	40	1.57	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
E05	45	1.77	50	1.97	122
E06	45	1.77	63	2.48	150
E75	45	1.77	75	2.65	200
E08	45	1.77	80	3.15	213
E09	45	1.77	92	3.62	238
E10	45	1.77	105	4.13	299
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

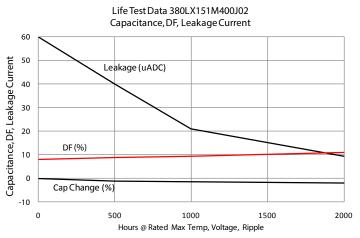
#### **Typical Performance Curves**

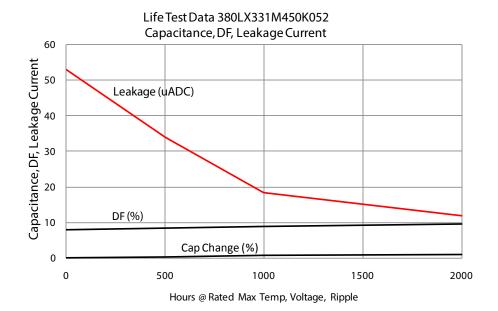


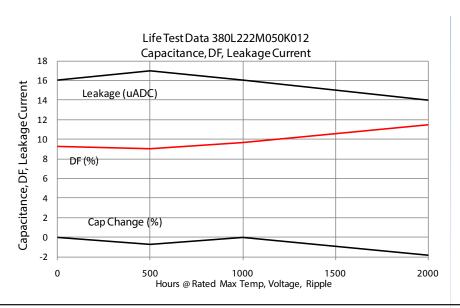
#### 2, 4 and 5 pin styles available

#### **Typical Performance Curves**









Catalog   Part Number   120 Hz   20 Hz   120 Hz   20 Hz   DxL   Lohms   Cohms   Cohm			Max.	ESR	Ripple	Amps	Nominal			Max	c. ESR	Ripple	Amps	Nominal
Part Number   120 to   Colors   Color	Cap. (uF)	Catalog	@ +2	25°C	@+8	85°C	Size	Cap. (uF)	Catalog	@+	25°C	@+8	5°C	Size
	` '		120 Hz	20 kHz	120 Hz	20 kHz	DxL	(,	_	120 Hz	20 kHz	120 Hz	20 kHz	DxL
4700   380LX452M016H012   0.075			(ohms)	(ohms)	(A)	(A)	(mm)			(ohms)	(ohms)	(A)	(A)	(mm)
Section   Sect		161	/dc (20 Vd	c Surge)					25 Vo	dc (32 Vd	c Surge)			
Section   Sect	4700	380LX472M016H012	0.160	0.135	1.77	2.00	22 x 25	6800	380LX682M025H022	0.078	0.063	2.63	3.01	22 x 30
Section   Sect	6800	380LX682M016H012	0.075	0.063	2.60	2.99	22 x 25	6800	380LX682M025J012	0.078	0.063	3.50	4.00	25 x 25
10000   380LX103M016H012	6800	380LX682M016J202	0.110	0.092	1.80	2.10	25 x 20	8200	380LX822M025H022	0.081	0.065	2.86	3.29	22 x 30
10000   380LX123M016J012   0.143   0.118   3.80   4.30   25 x 25   12000   380LX123M016J012   0.062   0.059   3.13   3.00   22 x 30   12000   380LX123M016J012   0.062   0.055   0.047   3.69   4.24   22 x 35   15000   380LX123M016J012   0.065   0.047   3.69   4.24   22 x 35   15000   380LX123M016J012   0.065   0.046   0.039   3.89   4.58   22 x 35   15000   380LX123M016J012   0.065   0.046   0.039   3.89   4.58   22 x 35   15000   380LX133M016J012   0.031   0.035   6.30   7.30   25 x 45   12000   380LX133M016J02   0.028   0.021   0.680   7.80   25 x 45   12000   380LX133M016J02   0.025   0.021   0.80   7.80   25 x 55   2200   22 x 40   12000   380LX133M016J02   0.025   0.021   0.80   7.80   25 x 55   2200   22 x 40   12000   380LX333M016J02   0.025   0.021   0.80   7.80   25 x 50   22000   380LX233M016J02   0.025   0.021   0.80   7.80   35 x 35   22000   380LX333M016J02   0.025   0.021   0.80   7.90   35 x 35   3000   380LX333M016J02   0.025   0.021   0.80   7.90   30 x 40   30 x	8200	380LX822M016H012	0.090	0.078	3.10	3.60	22 x 25	8200	380LX822M025J012	0.065	0.049	3.60	4.10	25 x 25
12000   380LX123M016H022   0.062   0.059   3.13   3.06   22 x 30   12000   380LX123M025H022   0.064   0.062   0.055   0.067   3.69   4.24   22 x 35   15000   380LX133M025H022   0.044   0.035   4.63   5.32   25 x 35   15000   380LX133M025H022   0.044   0.036   4.60   5.30   3.0 x 30	10000	380LX103M016H012	0.075	0.062	2.90	3.30	22 x 25	10000	380LX103M025H032	0.058	0.046	3.80	4.30	22 x 35
12000   380LX123M0161012   0.062   0.052   0.450   5.20   25 × 25   15000   380LX153M0251032   0.044   0.035   4.65   5.30   30 × 35   30 × 35   30 × 30   30 × 35   30 × 30 × 30 × 30 × 30 × 30 × 30 × 30	10000	380LX103M016J012	0.143	0.118	3.80	4.30	25 x 25	10000	380LX103M025J022	0.058	0.046	3.80	4.30	25 x 30
15000   380LX153M016H032   0.055   0.047   3.69   4.24   22.x 35     15000   380LX153M016H032   0.046   0.039   3.88   4.58   22.x 35     22000   380LX23M016H042   0.038   0.032   4.52   5.20   22.x 40     22000   380LX273M016H032   0.031   0.025   6.30   7.30   25.x 45     22000   380LX273M016H032   0.028   0.023   4.70   5.41   30.x 30     22000   380LX233M016K022   0.028   0.021   6.80   7.80   25.x 45     22000   380LX233M016K032   0.025   0.021   6.80   7.80   25.x 50     33000   380LX333M016K032   0.025   0.021   6.80   7.90   30.x 40     33000   380LX333M016K042   0.022   0.021   6.80   7.90   30.x 40     33000   380LX473M016K052   0.022   0.021   6.80   7.90   30.x 40     33000   380LX473M016K052   0.022   0.019   7.70   8.60   35.x 45     47000   380LX473M016K052   0.020   0.017   7.70   8.60   35.x 45     47000   380LX473M016K052   0.020   0.018   8.73   10.04   35.x 45     48000   380LX433M016A052   0.010   0.008   9.00   0.008   30.x 40     48000   380LX433M016A052   0.016   0.015   0.014   11.50   12.70   35.x 80     48000   380LX633M016A052   0.016   0.015   0.014   11.50   12.50   35.x 80     48000   380LX633M016A052   0.016   0.015   0.014   11.50   12.50   35.x 80     48000   380LX433M016A052   0.016   0.015   0.014   11.50   12.50   35.x 80     48000   380LX433M016A062   0.010   0.008   9.00   0.008   3.00     4800	12000	380LX123M016H022	0.062	0.059	3.13	3.60	22 x 30	12000	380LX123M025J022	0.055	0.044	4.10	4.72	25 x 30
18000   380LX133M016H032   0.046   0.039   3.98   4.58   22x 35   18000   380LX133M016H032   0.036   0.037   0.029   5.47   6.29   25 x 40   18000   380LX23M016H042   0.038   0.032   4.52   5.20   22x 40   18000   380LX23M025J032   0.035   0.028   5.50   6.30   30 x 35   30	12000	380LX123M016J012	0.062	0.052	4.50	5.20	25 x 25	15000	380LX153M025J032	0.044	0.035	4.63	5.32	25 x 35
22000   380LX233M016H042   0.038   0.032   4.52   5.20   22 x 40   18000   380LX183M025K032   0.035   0.028   5.50   6.30   30 x 35   27000   380LX273M016K022   0.028   0.021   6.80   7.80   25 x 50   22000   380LX233M016K032   0.025   0.021   6.80   7.80   30 x 35   22000   380LX233M016K032   0.025   0.021   6.80   7.80   30 x 35   22000   380LX233M016K032   0.025   0.021   6.80   7.80   30 x 35   22000   380LX233M016K032   0.025   0.021   6.80   7.80   30 x 35   22000   380LX233M025K042   0.025   0.021   6.80   7.80   30 x 35   22000   380LX233M025K042   0.025   0.021   6.80   7.80   30 x 35   22000   380LX233M025K042   0.025   0.021   6.80   7.80   30 x 30   22000   380LX233M025K042   0.025   0.021   6.80   7.80   30 x 30   22000   380LX233M025K042   0.025   0.021   6.80   7.80   30 x 30   22000   380LX233M025K042   0.025   0.020   0.017   0.018   0.018   0.018   0.018   0.018   0.019	15000	380LX153M016H032	0.055	0.047	3.69	4.24	22 x 35	15000	380LX153M025K022	0.040	0.030	4.60	5.30	30 x 30
27000 380LX273M016K452	18000	380LX183M016H032	0.046	0.039	3.98	4.58	22 x 35	18000	380LX183M025J042	0.037	0.029	5.47	6.29	25 x 40
27000 380LX273M016K022 0.028 0.023 4.70 5.41 30 x 30 30 30 380LX333M016J052 0.025 0.021 6.80 7.80 25 x 50 33000 380LX333M016J052 0.025 0.021 6.80 7.80 25 x 50 22000 380LX273M025K042 0.025 0.020 6.21 7.14 30 x 40 33000 380LX333M016K042 0.025 0.021 6.80 7.90 30 x 40 33000 380LX333M016K042 0.025 0.021 6.80 7.90 35 x 30 27000 380LX273M025K042 0.023 0.020 6.20 7.10 30 x 45 30000 380LX333M016K042 0.025 0.021 6.80 7.90 35 x 30 35 3000 380LX333M016K042 0.024 0.020 6.94 7.98 30 x 40 39000 380LX333M016K042 0.022 0.018 6.95 8.00 35 x 35 35 3000 380LX333M025K052 0.020 0.017 7.70 8.60 35 x 35 35 3000 380LX473M016K052 0.023 0.020 0.017 7.70 8.60 35 x 45 47000 380LX473M016K052 0.020 0.017 7.50 8.60 35 x 45 47000 380LX473M016K042 0.022 0.020 7.50 8.60 35 x 45 56000 380LX633M016A052 0.022 0.021 9.00 10.40 40 x 40 56000 380LX633M016A052 0.021 0.018 9.05 10.41 35 x 45 56000 380LX633M016A052 0.021 0.018 9.05 10.41 35 x 45 56000 380LX633M016A052 0.021 0.018 9.05 10.40 40 x 40 56000 380LX633M016A052 0.021 0.018 9.05 10.41 35 x 45 56000 380LX633M016A052 0.018 0.017 9.00 10.40 40 x 40 56000 380LX633M016A052 0.018 0.017 9.00 10.40 40 x 40 56000 380LX633M016A052 0.018 0.017 9.00 10.40 40 x 50 56000 380LX633M016A052 0.018 0.017 9.00 10.40 40 x 50 100000 380LX194M016A062 0.015 0.014 11.00 12.70 35 x 80 100000 380LX194M016A062 0.015 0.014 11.00 12.70 35 x 80 100000 380LX194M016A062 0.015 0.014 11.50 12.50 35 x 80 120000 380LX194M016A062 0.015 0.014 11.50 12.50 35 x 80 120000 380LX194M016A062 0.015 0.014 11.50 12.50 35 x 80 120000 380LX194M016A062 0.015 0.014 11.50 12.50 35 x 80 120000 380LX194M016A062 0.015 0.014 11.50 12.50 35 x 80 120000 380LX194M016A062 0.015 0.014 11.50 12.50 35 x 80 120000 380LX194M016A062 0.015 0.014 11.50 12.50 35 x 80 120000 380LX194M016A062 0.015 0.014 11.50 12.50 35 x 80 120000 380LX194M016A062 0.015 0.014 11.50 12.50 35 x 80 120000 380LX194M016A062 0.015 0.014 11.50 12.50 35 x 80 120000 380LX194M016A062 0.015 0.014 11.50 12.50 35 x 80 120000 380LX194M016A062 0.015 0.014 11.50 12.50 35 x 80 120000 380LX194M016A06	22000	380LX223M016H042	0.038	0.032	4.52	5.20	22 x 40	18000	380LX183M025K032	0.035	0.028	5.50	6.30	30 x 35
33000 380LX333M016K032 0.025 0.021 6.80 7.80 25 x 50 27000 380LX233M025K042 0.025 0.020 6.21 7.14 30 x 40 33000 380LX333M016K042 0.025 0.021 6.80 7.90 30 x 40 33000 380LX333M016K042 0.025 0.021 6.80 7.90 30 x 40 33000 380LX333M025K042 0.025 0.021 6.80 7.90 35 x 30 3000 380LX333M016K042 0.025 0.021 6.80 7.90 35 x 30 3000 380LX333M025K042 0.026 0.025 0.021 6.80 7.90 35 x 30 3000 380LX333M025K042 0.026 0.025 0.021 6.80 7.90 35 x 30 3000 380LX333M025K042 0.026 0.025 0.021 6.80 7.90 35 x 30 3000 380LX333M025K042 0.026 0.026 6.94 7.98 30 x 40 33000 380LX333M025K042 0.026 0.017 6.84 7.87 30 x 45 3000 380LX473M016K052 0.023 0.019 7.47 8.59 30 x 45 47000 380LX473M016K052 0.020 0.017 7.50 8.60 30 x 50 30 x 40 3	27000	380LX273M016J452	0.031	0.025	6.30	7.30	25 x 45	22000	380LX223M025J452	0.030	0.024	6.10	7.00	25 x 45
33000 380LX333M016K032 0.025 0.021 6.84 7.87 30 x 35 730 30 x 40 33000 380LX333M016K042 0.025 0.021 6.80 7.90 30 x 40 27000 380LX273M025K042 0.023 0.020 6.20 7.10 30 x 45 33000 380LX333M016K042 0.025 0.021 6.80 7.90 35 x 30 27000 380LX273M025K452 0.023 0.020 6.20 7.10 30 x 45 39000 380LX333M016K042 0.024 0.020 6.94 7.98 30 x 40 33000 380LX333M025K452 0.020 0.017 6.84 7.87 30 x 45 39000 380LX333M016K042 0.022 0.018 6.95 8.00 35 x 35 35 30 380LX333M025K452 0.020 0.017 6.84 7.87 30 x 45 39000 380LX333M025K052 0.030 0.016 6.84 7.90 30 x 45 39000 380LX333M025K052 0.030 0.016 6.84 7.90 30 x 50 47000 380LX473M016K052 0.020 0.017 7.50 8.60 30 x 50 30 x 50 30 x 50 380LX473M016K052 0.020 0.017 7.50 8.60 30 x 50 35 x 45 47000 380LX473M016K052 0.020 0.019 8.73 10.04 35 x 45 56000 380LX633M016A452 0.021 0.018 9.05 10.41 35 x 45 56000 380LX633M016A452 0.021 0.018 9.05 10.41 35 x 45 56000 380LX633M016A452 0.021 0.018 9.05 10.41 35 x 45 56000 380LX633M016A452 0.021 0.018 9.07 10.40 35 x 50 8000 380LX823M016A052 0.018 0.015 10.30 11.80 40 x 50 8000 380LX823M016A052 0.016 0.015 0.014 11.00 12.70 35 x 80 100000 380LX823M016A062 0.015 0.014 11.00 12.70 35 x 80 100000 380LX823M016A082 0.015 0.014 11.00 12.70 35 x 80 100000 380LX104M016A082 0.015 0.014 11.50 12.50 35 x 80 120000 380LX104M016A082 0.015 0.014 11.50 12.50 35 x 80 120000 380LX104M016A082 0.015 0.014 11.50 12.50 35 x 80 120000 380LX104M016A082 0.015 0.014 11.50 12.50 35 x 80 120000 380LX104M016A082 0.015 0.014 11.50 12.50 35 x 80 120000 380LX104M016A082 0.015 0.014 11.50 12.50 35 x 80 120000 380LX104M016A082 0.015 0.014 11.50 12.50 35 x 80 120000 380LX104M016A082 0.015 0.014 11.50 12.50 35 x 80 120000 380LX104M016A082 0.015 0.014 11.50 12.50 35 x 80 120000 380LX104M016A082 0.015 0.014 11.50 12.50 35 x 80 120000 380LX104M016A082 0.015 0.014 11.50 12.50 35 x 80 120000 380LX104M016A082 0.015 0.014 11.50 12.50 50 x 80 120000 380LX104M016A082 0.015 0.014 11.50 12.50 50 x 80 120000 380LX104M016A082 0.015 0.014 11.50 12.50 50 x 80 120000 380LX104M016A082 0.015 0.014 11.50 12.50	27000	380LX273M016K022	0.028	0.023	4.70	5.41	30 x 30	22000	380LX223M025J052	0.030	0.023	6.10	7.00	25 x 50
33000 380LX333M016K042 0.025 0.021 6.80 7.90 30 x 40   33000 380LX333M016K042 0.024 0.020 6.94 7.98 30 x 40   33000 380LX333M016K042 0.024 0.020 6.94 7.98 30 x 40   33000 380LX333M016K042 0.022 0.018 6.95 8.00 35 x 35   33000 380LX333M016K042 0.022 0.018 6.95 8.00 35 x 35   33000 380LX333M02K052 0.023 0.010 7.75 8.60 30 x 40   47000 380LX473M016K052 0.023 0.019 7.47 8.59 30 x 45   47000 380LX473M016K052 0.020 0.017 7.50 8.60 30 x 50   47000 380LX473M016K052 0.022 0.020 7.50 8.60 35 x 40   47000 380LX473M016K042 0.022 0.020 7.50 8.60 35 x 40   47000 380LX473M016K042 0.022 0.021 9.00 10.40 40 x 40   47000 380LX563M016A452 0.021 0.018 9.05 10.41 35 x 45   48000 380LX633M016K042 0.022 0.021 0.018 9.05 10.41 35 x 45   48000 380LX823M016K052 0.018 0.017 11.00 12.70 35 x 80   48000 380LX823M016K052 0.018 0.015 10.30 11.80 40 x 50   48000 380LX823M016K052 0.016 0.015 10.30 11.80 40 x 50   48000 380LX823M016K052 0.016 0.015 10.30 11.80 40 x 50   48000 380LX823M016K052 0.016 0.015 10.30 11.80 40 x 50   48000 380LX823M016K052 0.016 0.015 10.30 11.80 40 x 50   48000 380LX823M016K052 0.016 0.015 10.30 11.80 40 x 50   48000 380LX823M016K052 0.016 0.015 10.30 11.80 40 x 50   48000 380LX823M016K052 0.016 0.015 10.30 11.80 40 x 50   48000 380LX823M016K052 0.016 0.015 10.30 11.80 40 x 50   48000 380LX823M016K052 0.016 0.015 10.30 11.80 40 x 50   48000 380LX823M016K052 0.016 0.015 10.30 11.80 40 x 50   48000 380LX823M016K052 0.016 0.015 10.30 11.80 40 x 50   48000 380LX823M016K052 0.016 0.015 10.30 11.80 40 x 50   48000 380LX823M016K052 0.016 0.015 10.30 11.80 40 x 50   48000 380LX823M016K052 0.016 0.015 10.30 11.80 40 x 50   48000 380LX823M016K052 0.016 0.015 10.30 11.80 40 x 50   48000 380LX823M016K052 0.016 0.015 0.014 11.50 12.50 35 x 80   48000 380LX823M016K082 0.017 0.016 12.50 13.50 40 x 50   48000 380LX823M016K082 0.017 0.016 12.50 13.50 40 x 50   48000 380LX823M016K082 0.017 0.016 12.50 13.50 40 x 50   48000 380LX823M016K082 0.017 0.016 12.50 13.50 40 x 50   48000 380LX823M025K052 0.016 0.015 10.00 1 10.00 1 10.00 1 10.0	33000	380LX333M016J052	0.025	0.021	6.80	7.80	25 x 50	22000	380LX223M025K042	0.030	0.023	6.10	7.00	30 x 40
33000 380LX333M016A022 0.025 0.021 6.80 7.90 35 x 30 3000 380LX333M025K452 0.020 0.017 6.84 7.87 30 x 45 39000 380LX333M016K042 0.022 0.018 6.95 8.00 35 x 35 3000 380LX333M025K052 0.030 0.016 6.84 7.87 30 x 50 47000 380LX473M016K052 0.023 0.019 7.47 8.59 30 x 45 47000 380LX473M016K052 0.020 0.017 7.50 8.60 30 x 50 47000 380LX473M016K052 0.020 0.017 7.50 8.60 30 x 50 47000 380LX473M016K052 0.020 0.019 8.73 10.04 35 x 50 56000 380LX563M016A042 0.022 0.021 9.00 10.40 40 x 40 56000 380LX683M016A052 0.021 0.018 9.05 10.41 35 x 45 56000 380LX683M016A052 0.016 0.015 9.00 10.30 40 x 50 56000 380LX683M016A052 0.016 0.015 9.00 10.30 40 x 50 56000 380LX833M016A052 0.016 0.015 9.00 10.30 40 x 50 56000 380LX833M016A052 0.016 0.015 9.00 10.30 40 x 50 56000 380LX683M016A052 0.016 0.015 9.00 10.30 40 x 50 56000 380LX683M016A052 0.016 0.015 9.00 10.30 40 x 50 56000 380LX833M016A052 0.016 0.015 9.00 10.30 40 x 50 56000 380LX683M016A052 0.016 0.015 9.00 10.30 40 x 50 56000 380LX683M016A052 0.016 0.015 9.00 10.30 40 x 50 56000 380LX683M016A052 0.016 0.015 0.014 11.50 12.50 35 x 80 100000 380LX104M016A082 0.015 0.014 11.50 12.50 35 x 80 12000 380LX124M016A082 0.015 0.014 11.50 12.50 35 x 80 12000 380LX124M016A082 0.015 0.014 11.50 12.50 35 x 80 12000 380LX124M016B062V 0.014 0.013 13.47 15.15 50 x 50 12000 382LX124M016B062V 0.014 0.013 13.17 15.15 50 x 50 12000 382LX124M016B062V 0.014 0.009 16.67 19.24 50 x 50 12000 382LX124M016B062V 0.014 0.009 16.67 19.24 50 x 50 12000 382LX124M016B062V 0.010 0.009 16.67 19.24 50 x 50 12000 382LX124M016B062V 0.010 0.009 16.67 19.24 50 x 50 12000 382LX124M016B062V 0.010 0.009 16.67 19.24 50 x 50 12000 382LX124M016B062V 0.010 0.009 16.67 19.24 50 x 50 12000 382LX124M016B062V 0.010 0.009 16.67 19.24 50 x 50 12000 382LX124M016B062V 0.010 0.009 16.67 19.24 50 x 50 12000 382LX124M016B062V 0.010 0.009 16.67 19.24 50 x 50 12000 382LX124M016B062V 0.010 0.009 16.67 19.24 50 x 50 12000 382LX124M016B062V 0.010 0.009 16.67 19.24 50 x 50 12000 382LX124M016B062V 0.010 0.009 16.67 19.24 50 x 50 12000 382LX124M016	33000	380LX333M016K032	0.025	0.021	6.84	7.87	30 x 35	27000	380LX273M025K042	0.025	0.020	6.21	7.14	30 x 40
39000   380LX393M016K042   0.024   0.020   6.94   7.98   30 x 40	33000	380LX333M016K042	0.025	0.021	6.80	7.90	30 x 40	27000	380LX273M025K452	0.023	0.020	6.20	7.10	30 x 45
39000 380LX393M016A032 0.022 0.018 6.95 8.00 35 x 35 d 47000 380LX473M016K452 0.023 0.019 7.47 8.59 30 x 45 3000 380LX473M016K452 0.020 0.017 7.50 8.60 30 x 50 30 x 5	33000	380LX333M016A022	0.025	0.021	6.80	7.90	35 x 30	27000	380LX273M025A032	0.023	0.020	6.20	7.10	35 x 35
47000         380LX473M016K452         0.023         0.019         7.47         8.59         30 x 45         33000         382L333M025N042         0.026         0.016         7.30         8.00         40 x 40           47000         380LX473M016K052         0.020         0.017         7.50         8.60         30 x 50         39000         380LX393M025A452         0.020         0.017         7.40         8.50         35 x 45           47000         380LX473M016A042         0.022         0.020         0.019         8.73         10.04         35 x 45         47000         380LX473M025A052         0.019         0.015         8.00         9.20         35 x 50           56000         380LX683M016N042         0.022         0.021         9.00         10.40         40 x 40         56000         382LX563M025N052         0.016         0.015         9.00         10.30         40 x 50           68000         380LX683M016N052         0.018         0.017         9.00         10.40         35 x 50         68000         382LX683M025N062         0.015         0.03         40 x 63           82000         380LX823M016N052         0.016         0.015         10.30         11.80         40 x 50         40 x 50           82000 <td>39000</td> <td>380LX393M016K042</td> <td>0.024</td> <td>0.020</td> <td>6.94</td> <td>7.98</td> <td>30 x 40</td> <td>33000</td> <td>380LX333M025K452</td> <td>0.020</td> <td>0.017</td> <td>6.84</td> <td>7.87</td> <td>30 x 45</td>	39000	380LX393M016K042	0.024	0.020	6.94	7.98	30 x 40	33000	380LX333M025K452	0.020	0.017	6.84	7.87	30 x 45
A7000   380LX473M016K052   0.020   0.017   7.50   8.60   30 x 50   47000   380LX473M016A042   0.022   0.020   7.50   8.60   35 x 40   39000   380LX393M025A452   0.020   0.018   8.00   9.20   40 x 40   56000   380LX563M016A452   0.022   0.021   9.00   10.40   40 x 40   40 x	39000	380LX393M016A032	0.022	0.018	6.95	8.00	35 x 35	33000	380LX333M025K052	0.030	0.016	6.84	7.90	30 x 50
47000         380LX473M016A042         0.022         0.020         7.50         8.60         35 x 40         39000         382LX393M025N042         0.020         0.018         8.00         9.20         40 x 40           56000         380LX563M016A052         0.020         0.021         9.00         10.40         40 x 40         56000         382LX563M016N042         0.022         0.016         0.015         8.00         9.20         35 x 50           68000         380LX683M016A052         0.021         0.018         9.05         10.41         35 x 45         56000         382LX563M025N062         0.015         0.009         9.50         10.30         40 x 63           68000         380LX823M016A052         0.018         0.017         9.00         10.40         35 x 50         68000         382LX823M025N062         0.015         0.015         10.30         40 x 63           82000         382LX823M016M052         0.016         0.015         10.30         11.80         40 x 50           82000         382LX104M016A082         0.015         0.014         11.00         12.70         35 x 80           10000         382LX124M016A082         0.015         0.014         11.50         12.50         35 x 80 <tr< td=""><td>47000</td><td>380LX473M016K452</td><td>0.023</td><td>0.019</td><td>7.47</td><td>8.59</td><td>30 x 45</td><td>33000</td><td>382L333M025N042</td><td>0.026</td><td>0.016</td><td>7.30</td><td>8.00</td><td>40 x 40</td></tr<>	47000	380LX473M016K452	0.023	0.019	7.47	8.59	30 x 45	33000	382L333M025N042	0.026	0.016	7.30	8.00	40 x 40
56000         380LX563M016A452         0.020         0.019         8.73         10.04         35 x 45         47000         380LX563M025N052         0.019         0.015         8.00         9.20         35 x 50           56000         382LX563M016N042         0.022         0.021         9.00         10.40         40 x 40         56000         382LX563M025N052         0.016         0.015         9.00         10.30         40 x 50           68000         380LX683M016A052         0.018         0.017         9.00         10.40         35 x 50         68000         382LX683M025N062         0.015         0.009         9.50         10.30         40 x 63           82000         380LX823M016A052         0.016         0.015         10.30         11.80         40 x 50           82000         382LX823M016N052         0.016         0.015         10.30         11.80         40 x 50           100000         380LX104M016A082         0.015         0.014         11.00         12.70         35 x 80           120000         380LX124M016N062         0.018         0.017         11.40         13.00         40 x 80           120000         382LX124M016N082         0.017         0.016         12.40         14.30         40 x	47000	380LX473M016K052	0.020	0.017	7.50	8.60	30 x 50	39000	380LX393M025A452	0.020	0.017	7.40	8.50	35 x 45
56000         382LX563M016N042         0.022         0.021         9.00         10.40         40 x 40         56000         382LX563M025N052         0.016         0.015         9.00         10.30         40 x 50           68000         380LX683M016A452         0.021         0.018         9.05         10.41         35 x 45         56000         382LX563M025N062         0.015         0.009         9.50         10.30         40 x 63           82000         380LX683M016A052         0.018         0.017         9.00         10.40         35 x 50         82000         382LX683M025N062         0.015         10.05         11.80         40 x 63           82000         382LX823M016A052         0.016         0.015         10.30         11.80         40 x 50           100000         382LX823M016A052         0.016         0.015         10.30         11.80         40 x 50           100000         382LX104M016A082         0.015         0.014         11.00         12.70         35 x 80           120000         382LX124M016A082         0.015         0.014         11.50         12.50         35 x 80           120000         382LX124M016A082         0.015         0.014         11.50         12.50         35 x 80	47000	380LX473M016A042	0.022	0.020	7.50	8.60	35 x 40	39000	382LX393M025N042	0.020	0.018	8.00	9.20	40 x 40
68000         380LX683M016A452         0.021         0.018         9.05         10.41         35 x 45         56000         382LS63M025N062         0.015         0.009         9.50         10.30         40 x 63           82000         380LX683M016A052         0.018         0.017         9.00         10.40         35 x 50         82000         382LX683M025N062         0.017         0.015         10.25         11.80         40 x 63           82000         382LX823M016A052         0.016         0.015         10.30         11.80         40 x 50           82000         382LX823M016A052         0.016         0.015         10.30         11.80         40 x 50           82000         382LX823M016A052         0.016         0.015         10.30         11.80         40 x 50           100000         382LX104M016A082         0.015         0.014         11.00         12.70         35 x 80           120000         382LX124M016A082         0.015         0.014         11.50         12.50         35 x 80           120000         382LX124M016A082         0.017         0.016         12.40         14.30         40 x 80           120000         382LX124M016A082         0.017         0.014         11.50         12.50	56000	380LX563M016A452	0.020	0.019	8.73	10.04	35 x 45	47000	380LX473M025A052	0.019	0.015	8.00	9.20	35 x 50
68000         380LX683M016A052         0.018         0.017         9.00         10.40         35 x 50           82000         380LX823M016A052         0.020         0.018         9.49         10.91         35 x 50           82000         382LX823M016A052         0.016         0.015         10.30         11.80         40 x 50           100000         380LX104M016A082         0.015         0.014         11.00         12.70         35 x 80           100000         380LX124M016B062         0.018         0.017         11.40         13.00         40 x 63           120000         382LX124M016B062         0.018         0.017         11.40         13.00         40 x 80           120000         382LX124M016B082         0.015         0.014         11.50         12.50         35 x 80           120000         382LX124M016B082         0.017         0.016         12.40         14.30         40 x 80           180000         382LX184M016B062V         0.012         0.011         14.40         16.56         50 x 63           180000         382LX184M016B082V         0.011         0.010         15.69         18.04         50 x 80           180000         382LX224M016B092V         0.011         0.01	56000	382LX563M016N042	0.022	0.021	9.00	10.40	40 x 40	56000	382LX563M025N052	0.016	0.015	9.00	10.30	40 x 50
82000         380LX823M016A052         0.020         0.018         9.49         10.91         35 x 50         82000         382LX823M025B052V         0.016         0.015         12.29         14.13         50 x 50           82000         382LX823M016N052         0.016         0.015         10.30         11.80         40 x 50         100000         380LX104M025A102         0.010         0.008         9.50         12.00         35 x 105           100000         382LX104M016A082         0.015         0.014         11.00         12.70         35 x 80         100000         382LX104M025N082         0.012         0.011         12.00         13.40         40 x 80           120000         380LX124M016A082         0.015         0.014         11.50         12.50         35 x 80         100000         382LX104M025B062V         0.011         0.013         13.45         15.47         50 x 63           120000         382LX124M016N082         0.017         0.016         12.40         14.30         40 x 80         150000         382LX154M025B02V         0.011         14.07         16.18         40 x 105           120000         382LX184M016B062V         0.012         0.011         14.40         16.56         50 x 63           180000<	68000	380LX683M016A452	0.021	0.018	9.05	10.41	35 x 45	56000	382L563M025N062	0.015	0.009	9.50	10.30	40 x 63
82000       382LX823M016N052       0.016       0.015       10.30       11.80       40 x 50         100000       380LX104M016A082       0.015       0.014       11.00       12.70       35 x 80         100000       382LX104M016A082       0.015       0.014       11.00       12.70       35 x 80         120000       382LX104M016A082       0.015       0.014       11.50       12.50       35 x 80         120000       382LX124M016A082       0.017       0.016       12.40       14.30       40 x 80         120000       382LX124M016B082       0.017       0.016       12.40       14.30       40 x 80         120000       382LX124M016B052V       0.014       0.013       13.17       15.15       50 x 50         150000       382LX184M016B062V       0.012       0.011       14.40       16.56       50 x 63         180000       382LX184M016B062V       0.013       0.012       14.85       17.08       40 x 105         180000       382LX184M016B062V       0.011       0.010       15.69       18.04       50 x 80         180000       382LX184M016B082V       0.011       0.010       15.69       18.04       50 x 80         220000       382LX224	68000	380LX683M016A052	0.018	0.017	9.00	10.40	35 x 50	68000	382LX683M025N062	0.017	0.015	10.25	11.80	40 x 63
100000   380LX104M016A082   0.015   0.014   11.00   12.70   35 x 80   100000   382LX104M025N082   0.012   0.011   12.00   13.40   40 x 80   100000   382LX104M016N062   0.018   0.017   11.40   13.00   40 x 63   100000   382LX104M025N082   0.014   0.013   13.45   15.47   50 x 63   120000   382LX124M016A082   0.015   0.014   11.50   12.50   35 x 80   120000   382LX124M016N082   0.017   0.016   12.40   14.30   40 x 80   120000   382LX124M016B052V   0.014   0.013   13.17   15.15   50 x 50   150000   382LX154M016B062V   0.012   0.011   14.40   16.56   50 x 63   180000   382LX184M016B062V   0.012   0.013   0.012   14.85   17.08   40 x 105   180000   382LX184M016B062V   0.010   0.009   16.73   19.24   50 x 92   180000   382LX224M016B092V   0.010   0.009   16.73   19.24   50 x 92   180000   382LX224M016B092V   0.010   0.009   0.008   17.79   20.46   50 x 105   3900   380LX332M035H012   0.161   0.130   1.70   1.90   22 x 25   4700   380LX472M035J012   0.080   0.060   3.30   3.70   22 x 30   380LX472M035H012   0.161   0.130   3.70   22 x 30   380LX472M035H012   0.080   0.060   3.30   3.70   22	82000	380LX823M016A052	0.020	0.018	9.49	10.91	35 x 50	82000	382LX823M025B052V	0.016	0.015	12.29	14.13	50 x 50
100000 382LX104M016N062   0.018   0.017   11.40   13.00   40 x 63   120000 382LX124M016A082   0.015   0.014   11.50   12.50   35 x 80   120000 382LX124M016N082   0.017   0.016   12.40   14.30   40 x 80   150000 382LX124M016B052V   0.014   0.013   13.45   15.47   50 x 63   120000 382LX124M016B052V   0.014   0.013   13.17   15.15   50 x 50   150000 382LX154M016B062V   0.014   0.013   13.17   15.15   50 x 50   150000 382LX154M016B062V   0.012   0.011   14.40   16.56   50 x 63   180000 382LX184M016B062V   0.013   0.012   14.85   17.08   40 x 105   180000 382LX184M016B082V   0.011   0.010   15.69   18.04   50 x 80   22000 382LX224M016B092V   0.010   0.009   16.73   19.24   50 x 92   270000 382LX224M016B092V   0.010   0.009   0.008   17.79   20.46   50 x 105   3900 380LX332M035H012   0.166   0.125   1.50   1.75   22 x 25   22 x	82000	382LX823M016N052	0.016	0.015	10.30	11.80	40 x 50	100000	380LX104M025A102	0.010	0.008	9.50	12.00	35 x 105
120000 380LX124M016A082   0.015   0.014   11.50   12.50   35 x 80   120000 382LX124M016N082   0.017   0.016   12.40   14.30   40 x 80   150000 382LX124M016B052V   0.014   0.013   13.17   15.15   50 x 50   150000 382LX154M016B062V   0.012   0.011   14.40   16.56   50 x 63   180000 382LX184M016N102   0.013   0.012   14.85   17.08   40 x 105   180000 382LX184M016B062V   0.011   0.010   15.69   18.04   50 x 80   22000 382LX224M016B092V   0.010   0.009   16.73   19.24   50 x 92   270000 382LX224M016B102V   0.009   0.008   17.79   20.46   50 x 105   3900 380LX332M035H012   0.166   0.125   1.50   1.75   22 x 25   4700 380LX472M025H012   0.110   0.090   2.40   2.75   22 x 25   5600 380LX562M035H022   0.080   0.060   3.30   3.40   3.90   22 x 30   3.00   3.00 3 3.00   3.00 3.00 3.0	100000	380LX104M016A082	0.015	0.014	11.00	12.70	35 x 80	100000	382LX104M025N082	0.012	0.011	12.00	13.40	40 x 80
120000 382LX124M016N082 0.017 0.016 12.40 14.30 40 x 80 120000 382LX124M016B052V 0.014 0.013 13.17 15.15 50 x 50 150000 382LX154M016B062V 0.012 0.011 14.40 16.56 50 x 63 180000 382LX184M016N102 0.013 0.012 14.85 17.08 40 x 105 180000 382LX184M016B082V 0.011 0.010 15.69 18.04 50 x 80 220000 382LX224M016B092V 0.010 0.009 16.73 19.24 50 x 92 270000 382LX224M016B102V 0.009 0.008 17.79 20.46 50 x 105  25 Vdc (32 Vdc Surge)  3300 380LX332M025H012 0.161 0.130 1.70 1.90 22 x 25 4700 380LX472M025H012 0.110 0.090 2.40 2.75 22 x 25 5600 380LX562M035H022 0.083 0.063 3.40 3.90 22 x 30	100000	382LX104M016N062	0.018	0.017	11.40	13.00	40 x 63	100000	382LX104M025B062V	0.014	0.013	13.45	15.47	50 x 63
120000 382LX124M016B052V 0.014 0.013 13.17 15.15 50 x 50 150000 382LX154M016B062V 0.012 0.011 14.40 16.56 50 x 63 180000 382LX184M016N102 0.013 0.012 14.85 17.08 40 x 105 180000 382LX184M016B082V 0.011 0.010 15.69 18.04 50 x 80 220000 382LX224M016B092V 0.010 0.009 16.73 19.24 50 x 92 270000 382LX224M016B102V 0.009 0.008 17.79 20.46 50 x 105 270000 382LX274M016B102V 0.009 0.008 17.79 20.46 50 x 105 3900 380LX332M035H012 0.110 0.085 2.30 2.60 22 x 25 4700 380LX332M025H012 0.110 0.090 2.40 2.75 22 x 25 5600 380LX362M035H022 0.080 0.060 3.30 3.70 22 x 30 3.00 380LX472M025H012 0.110 0.090 2.40 2.75 22 x 25 5600 380LX562M035H022 0.083 0.063 3.40 3.90 22 x 30 3.00 380LX362M035H022 0.083 0.063 3.40 3.90 22 x 30 3.00 380LX362M035H022 0.083 0.063 3.40 3.90 22 x 30 3.00 380LX362M035H022 0.083 0.063 3.40 3.90 22 x 30 3.00 380LX362M035H022 0.083 0.063 3.40 3.90 22 x 30 3.00 380LX362M035H022 0.083 0.063 3.40 3.90 22 x 30 3.00 380LX362M035H022 0.083 0.063 3.40 3.90 22 x 30 3.00 380LX362M035H022 0.083 0.063 3.40 3.90 22 x 30 3.00 380LX362M035H022 0.083 0.063 3.40 3.90 22 x 30 3.00 380LX362M035H022 0.083 0.063 3.40 3.90 22 x 30 3.00 380LX362M035H022 0.083 0.063 3.40 3.90 22 x 30 3.00 380LX362M035H022 0.083 0.063 3.40 3.90 22 x 30 3.00 380LX362M035H022 0.083 0.063 3.40 3.90 22 x 30 3.00 380LX362M035H022 0.083 0.063 3.40 3.90 22 x 30 3.00 380LX362M035H022 0.083 0.063 3.40 3.90 22 x 30 3.00 380LX362M035H022 0.083 0.063 3.40 3.90 22 x 30 3.00 380LX362M035H022 0.083 0.063 3.40 3.90 22 x 30 3.00 380LX362M035H022 0.083 0.063 3.40 3.90 22 x 30 3.00 380LX362M035H022 0.083 0.063 3.40 3.90 22 x 30 380LX362M035H022 0.083 0.0	120000	380LX124M016A082	0.015	0.014	11.50	12.50	35 x 80	120000	382LX124M025B082V	0.012	0.011	15.29	17.58	50 x 80
150000 382LX154M016B062V 0.012 0.011 14.40 16.56 50 x 63 180000 382LX184M016N102 0.013 0.012 14.85 17.08 40 x 105 180000 382LX184M016B082V 0.011 0.010 15.69 18.04 50 x 80 220000 382LX224M016B092V 0.010 0.009 16.73 19.24 50 x 92 270000 382LX274M016B102V 0.009 0.008 17.79 20.46 50 x 105  25 Vdc (32 Vdc Surge)  3300 380LX332M025H012 0.161 0.130 1.70 1.90 22 x 25 4700 380LX472M025H012 0.110 0.090 2.40 2.75 22 x 25 5600 380LX562M035H022 0.080 0.060 3.30 3.70 22 x 30	120000	382LX124M016N082	0.017	0.016	12.40	14.30	40 x 80	150000	382LX154M025N102	0.011	0.010	14.07	16.18	40 x 105
180000 382LX184M016N102 0.013 0.012 14.85 17.08 40 x 105         35 Vdc (44 Vdc Surge)         180000 382LX184M016B082V 0.011 0.010 15.69 18.04 50 x 80         220000 382LX224M016B092V 0.010 0.009 16.73 19.24 50 x 92       3300 382LX224M016B102V 0.009 0.008 17.79 20.46 50 x 105       3300 380LX332M035H012 0.110 0.085 2.30 2.60 22 x 25         4700 380LX332M025H012 0.161 0.130 1.70 1.90 22 x 25 4700 380LX472M035H022 0.080 0.060 3.30 3.70 22 x 30         4700 380LX472M025H012 0.110 0.090 2.40 2.75 22 x 25         5600 380LX562M035H022 0.083 0.063 3.40 3.90 22 x 30	120000	382LX124M016B052V	0.014	0.013	13.17	15.15	50 x 50	150000	382LX154M025B092V	0.011	0.010	16.01	18.41	50 x 92
180000 382LX184M016B082V       0.011       0.010       15.69       18.04       50 x 80         220000 382LX224M016B092V       0.010       0.009       16.73       19.24       50 x 92         270000 382LX274M016B102V       0.009       0.008       17.79       20.46       50 x 105         25 Vdc (32 Vdc Surge)         3300 380LX332M025H012       0.161       0.130       1.70       1.90       22 x 25         4700 380LX472M025H012       0.110       0.090       2.40       2.75       22 x 25	150000	382LX154M016B062V	0.012	0.011	14.40	16.56	50 x 63	180000	382LX184M025B102V	0.010	0.009	16.89	19.42	50 x 105
220000 382LX224M016B092V 0.010 0.009 16.73 19.24 50 x 92 270000 382LX274M016B102V 0.009 0.008 17.79 20.46 50 x 105 3900 380LX332M035H012 0.110 0.085 2.30 2.60 22 x 25 3900 380LX332M035H012 0.095 0.070 2.70 3.10 22 x 25 4700 380LX332M025H012 0.161 0.130 1.70 1.90 22 x 25 4700 380LX472M035H022 0.080 0.060 3.30 3.70 25 x 25 4700 380LX472M035H022 0.080 0.060 3.30 3.70 25 x 25 5600 380LX352M035H022 0.083 0.063 3.40 3.90 22 x 30 3.00 3.00 3.00 3.00 3.00 3.00 3.00	180000	382LX184M016N102	0.013	0.012	14.85	17.08	40 x 105		35 Vo	dc (44 Vd	c Surge)			
270000       382LX274M016B102V       0.009       0.008       17.79       20.46       50 x 105         25 Vdc (32 Vdc Surge)         3300       380LX332M025H012       0.161       0.130       1.70       1.90       22 x 25         4700       380LX472M025H012       0.110       0.090       2.40       2.75       22 x 25         5600       380LX562M035H022       0.080       0.060       3.30       3.70       22 x 25         5600       380LX562M035H022       0.083       0.063       3.40       3.90       22 x 30	180000	382LX184M016B082V	0.011	0.010	15.69	18.04	50 x 80	2200	380LX222M035H012	0.166	0.125	1.50	1.75	22 x 25
25 Vdc (32 Vdc Surge)       3300     380LX332M025H012     0.161     0.130     1.70     1.90     22 x 25       4700     380LX472M035H022     0.080     0.060     3.30     3.70     22 x 30       4700     380LX472M035H022     0.080     0.060     3.30     3.70     25 x 25       5600     380LX562M035H022     0.083     0.063     3.40     3.90     22 x 30	220000	382LX224M016B092V	0.010	0.009	16.73	19.24	50 x 92	3300	380LX332M035H012	0.110	0.085	2.30	2.60	22 x 25
3300 380LX332M025H012 0.161 0.130 1.70 1.90 22 x 25 4700 380LX472M025H012 0.110 0.090 2.40 2.75 22 x 25 5600 380LX562M035H022 0.083 0.063 3.40 3.90 22 x 30	270000	382LX274M016B102V	0.009	0.008	17.79	20.46	50 x 105	3900	380LX392M035H012	0.095	0.070	2.70	3.10	22 x 25
4700 380LX472M025H012 0.110 0.090 2.40 2.75 22 x 25 5600 380LX562M035H022 0.083 0.063 3.40 3.90 22 x 30		25 \	/dc (32 Vd	c Surge)				4700	380LX472M035H022	0.080	0.060	3.30	3.70	22 x 30
	3300	380LX332M025H012	0.161	0.130	1.70	1.90	22 x 25	4700	380LX472M035J012	0.080	0.060	3.30	3.70	25 x 25
5600 380LX562M025H012 0.110 0.090 2.40 2.75 22 x 25 5600 380LX562M035J012 0.083 0.063 3.40 3.90 25 x 25	4700	380LX472M025H012	0.110	0.090	2.40	2.75	22 x 25	5600	380LX562M035H022	0.083	0.063	3.40	3.90	22 x 30
	5600	380LX562M025H012	0.110	0.090	2.40	2.75	22 x 25	5600	380LX562M035J012	0.083	0.063	3.40	3.90	25 x 25

		Max.	ESR	Ripple	Amps	Nominal
Cap.	Catalog	@ +2	.5°C		85°C	Size
(uF)	Part Number	120 Hz	20 kHz	120 Hz	20 kHz	DxL
		(ohms)	(ohms)	(A)	(A)	(mm)
	35\	/dc (44 V	dc Surge	<u> </u>		
6800	380LX682M035J022	0.073	0.055	2.60	2.99	25 x 30
8200	380LX822M035J022	0.071	0.053	3.26	3.75	25 x 30
8200	380LX822M035J032	0.057	0.043	4.00	4.60	25 x 35
10000	380LX103M035H452	0.050	0.037	4.40	5.10	22 x 45
10000	380LX103M035J022	0.058	0.044	4.42	5.08	25 x 30
10000	380LX103M035A012	0.050	0.037	4.40	5.10	35 x 25
12000	380LX123M035J042	0.048	0.036	5.05	5.81	25 x 40
15000	380LX153M035J052	0.036	0.027	5.60	6.40	25 x 50
15000	380LX153M035K042	0.036	0.027	5.60	6.40	30 x 40
15000	380LX153M035A022	0.036	0.027	5.60	6.40	35 x 30
18000	380LX183M035K452	0.480	0.037	5.70	6.50	30 x 45
18000	380LX183M035A032	0.480	0.037	5.70	6.50	35 x 35
22000	380LX223M035K452	0.026	0.020	6.10	7.02	30 x 45
22000	380LX223M035A042	0.026	0.020	6.10	7.00	35 x 40
27000	380LX273M035A452	0.021	0.017	6.80	7.90	35 x 45
27000	380LX273M035A052	0.021	0.016	6.84	7.87	35 x 50
33000	380LX333M035A052	0.018	0.014	7.15	8.22	35 x 50
39000	380LX393M035A052	0.017	0.014	7.91	9.10	35 x 50
39000	382LX393M035N052	0.017	0.014	8.00	9.20	40 x 50
47000	380LX473M035A552	0.014	0.014	8.56	9.84	35 x 55
47000	382LX473M035N062	0.016	0.013	9.60	11.00	40 x 63
56000	380L563M025A052	0.019	0.016	8.91	10.25	35 x 50
56000	382LX563M035N082	0.015	0.012	10.30	11.90	40 x 80
56000	382LX563M035B052V	0.015	0.012	10.94	12.58	50 x 50
68000	380LX683M035A102	0.010	0.008	9.50	11.00	35 x 105
68000	382LX683M035B062V	0.013	0.011	11.93	13.72	50 x 63
82000	382LX823M035N102	0.012	0.009	12.02	13.82	40 x 105
82000	382LX823M035B082V	0.012	0.010	13.06	15.02	50 x 80
100000	382LX104M035B092V	0.011	0.009	13.97	16.07	50 x 92
120000	382LX124M035B102V	0.010	0.008	14.86	17.09	50 x 105
	50 \	/dc (63 V	dc Surge	<u>.)</u>		
1500	380LX152M050H012	0.220	0.170	1.25	1.45	22 x 25
2200	380LX222M050H012	0.150	0.115	1.80	2.10	22 x 25
2700	380LX272M050H012	0.154	0.115	2.20	2.60	22 x 25
3300	380LX332M050H012	0.151	0.113	2.41	2.77	22 x 25
3300	380LX332M050H022	0.100	0.075	2.70	3.10	22 x 30
3300	380LX332M050J012	0.100	0.075	2.70	3.10	25 x 25
3900	380LX392M050J012	0.085	0.065	2.80	3.20	25 x 25
4700	380LX472M050H032	0.070	0.055	3.00	3.50	22 x 35
4700	380LX472M050J012	0.080	0.060	2.10	2.40	25 x 25
4700	380LX472M050J022	0.070	0.055	3.00	3.50	25 x 30
4700	380LX472M050K012	0.070	0.055	3.00	3.50	30 x 25

		Max	. ESR	Ripple	Amps	Nominal
Cap.	Catalog	@+	25°C	@+	85°C	Size
(uF)	Part Number	120 Hz	20 kHz	120 Hz	20 kHz	DxL
		(ohms)	(ohms)	(A)	(A)	(mm)
	50 V	/dc (63 V	lc Surge)			
5600	380LX562M050J032	0.060	0.045	3.40	3.90	25 x 35
5600	380LX562M050K022	0.060	0.045	3.40	3.90	30 x 30
6800	380LX682M050H452	0.073	0.055	3.85	4.43	22 x 45
8200	380LX822M050J452	0.067	0.050	4.40	5.10	25 x 45
8200	380LX822M050K032	0.067	0.050	4.40	5.10	30 x 35
10000	380LX103M050J052	0.040	0.030	5.00	5.70	25 x 50
10000	380LX103M050K042	0.040	0.030	5.00	5.70	30 x 40
10000	380LX103M050A022	0.040	0.030	5.00	5.70	35 x 30
12000	380LX123M050K452	0.033	0.025	5.60	6.40	30 x 45
12000	380LX123M050A032	0.041	0.031	5.58	6.42	35 x 35
15000	380LX153M050A452	0.027	0.020	6.40	7.40	35 x 45
18000	380LX183M050A452	0.028	0.021	6.94	7.98	35 x 45
18000	382LX183M050N042	0.023	0.017	6.94	7.98	40 x 40
22000	380L223M050A052	0.023	0.018	7.57	8.71	35 x 50
22000	380LX223M050A052	0.025	0.020	7.60	8.71	35 x 50
27000	380L273M050A052	0.018	0.015	8.96	10.03	35 x 50
27000	382LX273M050N052	0.018	0.015	8.10	9.30	40 x 50
27000	382L273M050N062	0.018	0.009	9.00	9.60	40 x 63
33000	380LX333M050A082	0.015	0.012	9.20	10.60	35 x 80
33000	382LX333M050N062	0.018	0.014	9.10	10.50	40 x 63
33000	382LX333M050B052V	0.018	0.014	10.48	12.05	50 x 50
47000	380LX473M050A102	0.014	0.011	10.27	11.81	35 x 105
47000	382LX473M050B062V	0.013	0.010	11.54	13.27	50 x 63
56000	382LX563M050N102 382LX563M050B082V	0.012	0.009	11.47	13.19	40 x 105
56000 68000	382LX683M050B092V	0.012	0.009	12.46	14.33	50 x 80 50 x 92
82000	382LX823M050B102V	0.011	0.009	13.17	15.15	50 x 105
02000			lc Surge)	15.07	15.55	30 X 103
1000	380LX102M063H012	0.332	0.250	1.20	1.40	22 x 25
1500	380LX152M063H012	0.221	0.167	1.70	2.00	22 x 25
2200	380LX222M063J012	0.151	0.114	2.50	2.90	25 x 25
2700	380LX272M063H042	0.126	0.094	2.72	3.13	22 x 40
3300	380LX332M063J022	0.106	0.080	3.13	3.60	25 x 30
3900	380LX392M063J022	0.106	0.080	3.13	3.60	25 x 30
4700	380LX472M063J032	0.080	0.060	3.99	4.56	25 x 35
4700	380LX472M063K022	0.080	0.060	4.90	5.60	30 x 30
4700	380LX472M063A012	0.080	0.060	4.90	5.60	35 x 25
5600	380LX562M063K022	0.070	0.050	4.11	4.72	30 x 30
6800	380LX682M063J052	0.060	0.045	5.80	6.70	25 x 50
6800	380LX682M063K042	0.060	0.045	5.80	6.70	30 x 40
8200	380LX822M063A032	0.050	0.040	6.00	6.90	35 x 35
10000	380LX103M063A042	0.033	0.025	6.50	7.50	35 x 40

		Max	. ESR	Ripple /	Amps	Nominal			Max	. ESR	Ripple	Amps	Nominal
Cap.	Catalog	@+	25°C	@ +8	5°C	Size	Cap.	Catalog	@+	25°C	<b>@ +8</b>	5°C	Size
(uF)	Part Number	120 Hz	20 kHz	120 Hz	20 kHz	DxL	(uF)	Part Number	120 Hz	20 kHz	120 Hz	20 kHz	DxL
		(ohms)	(ohms)	(A)	(A)	(mm)			(ohms)	(ohms)	(A)	(A)	(mm)
	63 Vd	c (79 Vdc	Surge)					80 Vd	c (100 Vd	lc Surge)			
10000	382L103M063N042	0.028	0.017	6.60	7.20	40 x 40	18000	382LX183M080B052V	0.023	0.017	10.00	11.50	50 x 50
12000	380LX123M063K052	0.035	0.026	7.15	8.22	30 x 50	22000	380LX223M080A102	0.015	0.011	9.86	11.34	35 x 105
12000	382LX123M063N042	0.035	0.028	7.15	8.22	40 x 40	22000	382LX223M080B062V	0.019	0.014	11.08	12.74	50 x 63
15000	380LX153M063A052	0.028	0.021	7.91	9.10	35 x 50	27000	382LX273M080N102	0.015	0.012	11.35	13.05	40 x 105
18000	380LX183M063A082	0.023	0.012	9.40	10.80	35 x 80	27000	382LX273M080B082V	0.015	0.012	12.33	14.18	50 x 80
18000	382LX183M063N062	0.028	0.022	9.25	10.60	40 x 63	33000	382LX333M080B092V	0.014	0.010	13.37	15.38	50 x 92
27000	380LX273M063A102	0.015	0.012	10.38	11.94	35 x 105	39000	382LX393M080B102V	0.013	0.010	14.34	16.49	50 x 105
27000	382LX273M063N082	0.018	0.015	10.00	11.50	40 x 80				dc Surge)			
27000	382LX273M063B052V		0.015	10.86	12.49	50 x 50	470	380LX471M100H012	0.450	0.300	1.10	1.30	22 x 25
33000	382LX333M063N102	0.015	0.012	11.76	13.52		560	380LX561M100H012	0.400	0.250	1.30	1.50	22 x 25
33000	382LX333M063B062V		0.013	11.57	13.42	50 x 63	680	380LX681M100H012	0.100	0.250	1.30	1.50	22 x 25
47000	382LX473M063B082V		0.010	12.78	14.70	50 x 80	1000	380LX102M100H022	0.220	0.150	2.00	2.30	22 x 30 25 x 25
51000	382LX513M063B092V 382LX563M063B102V		0.010	13.34 13.93	15.34	50 x 92 50 x 105	1000	380LX102M100J012 380LX122M100H032	0.220	0.150	1.80	2.30	25 x 25 22 x 35
36000	_	: (100 Vd		13.93	10.02	30 X 103	1500	380LX122W100H032	0.195	0.123	2.60	3.00	22 x 33
680	380LX681M080H012	0.390	0.295	1.00	1.20	22 x 25	1800	380LX182M100H042	0.133	0.090	2.80	3.30	22 x 40
1000	380LX102M080H012	0.265	0.200	1.50	1.75	22 x 25	2200	380LX222M100J042	0.121	0.080	3.14	3.61	25 x 40
1200	380LX122M080H022	0.235	0.176	1.80	2.10	22 x 30	2700	380LX272M100J452	0.104	0.068	3.70	4.30	25 x 45
1500	380LX152M080H022	0.177	0.134	2.30	2.60	22 x 30	2700	380LX272M100A022	0.092	0.060	3.71	4.27	35 x 30
1500	380LX152M080K202	0.200	0.150	1.40	1.60	30 x 20	3300	380LX332M100J052	0.090	0.060	4.10	4.70	25 x 50
1800	380LX182M080J032	0.147	0.109	2.50	2.90	25 x 35	3300	380LX332M100K042	0.090	0.060	4.10	4.70	30 x 40
2200	380LX222M080H452	0.121	0.092	2.70	3.10	22 x 45	3300	380LX332M100A022	0.100	0.065	4.07	4.68	35 x 30
2200	380LX222M080K012	0.121	0.092	2.70	3.10	30 x 25	3900	380LX392M100K452	0.080	0.050	4.50	5.20	30 x 45
2700	380LX272M080J042	0.123	0.092	2.78	3.20	25 x 40	3900	380LX392M100K052	0.085	0.055	4.54	5.22	30 x 50
3300	380LX332M080J042	0.100	0.075	3.21	3.69	25 x 40	4700	380LX472M100K052	0.071	0.046	5.13	5.90	30 x 50
3300	380LX332M080K022	0.085	0.065	3.20	3.70	30 x 30	4700	380LX472M100A042	0.070	0.050	5.10	5.90	35 x 40
3900	380LX392M080J452	0.080	0.060	3.60	4.10	25 x 45	5600	380LX562M100A052	0.059	0.041	5.75	6.61	35 x 50
3900	380LX392M080K042	0.085	0.064	3.59	4.13	30 x 40	5600	382LX562M100N042	0.060	0.045	5.80	6.60	40 x 40
4700	380LX472M080J052	0.065	0.050	4.10	4.70	25 x 50	6800	380LX682M100A052	0.049	0.034	6.60	7.59	35 x 50
4700	380LX472M080K042	0.071	0.053	4.09	4.70	30 x 40	6800	382L682M100N052	0.026	0.017	7.40	7.90	40 x 50
5600	380LX562M080K452	0.059	0.044	4.55	5.23	30 x 45	8200	382LX822M100N052	0.040	0.030	7.30	8.40	40 x 50
5600	380LX562M080A032	0.055	0.040	4.60	5.20	35 x 35	8200	382L822M100N062	0.021	0.013	8.40	9.10	40 x 63
6800	380LX682M080K052	0.049	0.037	5.16	5.93	30 x 50	10000	380LX103M100A082	0.033	0.025	8.70	9.60	35 x 80
6800	380LX682M080A042	0.045	0.035	5.20	5.90	35 x 40	10000	382LX103M100N062	0.033	0.025	8.00	9.20	40 x 63
8200	380LX822M080A052	0.040	0.030	5.80	6.70	35 x 50	10000	382LX103M100B052V	0.033	0.025	8.82	10.14	50 x 50
8200	382LX822M080N042	0.040	0.030	5.83	6.70	40 x 40	12000	380LX123M100A102	0.028	0.021	8.57	9.86	35 x 105
10000	380LX103M080A052	0.033	0.025	6.40	7.34	35 x 50	12000	382LX123M100N082	0.028	0.021	8.65	10.00	40 x 80
12000	380L123M080A072	0.020	0.012	8.10	9.00	35 x 70	15000	382LX153M100N102	0.022	0.017	10.12		40 x 105
12000	382L123M080N052	0.025	0.016	7.50	8.00	40 x 50	15000	382LX153M100B062V	0.022	0.017	10.07	11.58	50 x 63
15000	380L153M080A082	0.017	0.010	8.80	9.60	35 x 80	18000	382LX183M100B082V	0.018	0.014	11.00	12.65	50 x 80
15000	382L153M080N062	0.020	0.013	8.50	9.20	40 x 63	22000	382LX223M100B092V	0.015	0.011	11.76	13.52	
18000	382L183M080N082	0.014	0.009	10.30	10.80	40 x 80	27000	382LX273M100B102V	0.014	0.010	12.53	14.41	50 x 105

Catalog			Max	. ESR	Ripple	Amps	Nominal			Max	. ESR	Ripple	Amps	Nominal
Part Number   120 tr 2   20 tr 2	Cap.	Catalog	@+2	25°C	@+	85°C	Size	Cap.	Catalog	@+	25°C	@+	85°C	Size
	-	•	120 Hz	20 kHz	120 Hz	20 kHz	DxL		_	120 Hz	20 kHz	120 Hz	20 kHz	DxL
220   380LX221M160H012   0.850   0.420   0.90   1.25   22 x 25   390   380LX391M200H02   0.510   0.230   1.68   2.35   22 x 30   380LX391M100H012   0.470   0.200   0.310   1.50   2.20   22 x 25   390   380LX391M100H012   0.470   0.200   0.240   1.60   2.20   22 x 25   470   380LX491M200H02   0.600   0.100   2.21   3.00   3.20   22 x 25   470   380LX491M200H012   0.500   0.100   2.18   3.08   3.20			(ohms)	(ohms)	(A)	(A)	(mm)			(ohms)	(ohms)	(A)	(A)	(mm)
22   3801   2371   3801   38		160 Vd	c (200 Vd	c Surge)					200 V	dc (250 \	/dc Surge	<u>=</u> )		
3801X331M160H012	220	380LX221M160H012	0.850	0.420	0.90	1.25	22 x 25	390	380LX391M200H022	0.510	0.230	1.68	2.35	22 x 30
3801X391M160H012	270	380LX271M160H012	0.700	0.340	1.20	1.65	22 x 25	390	380LX391M200J012	0.470	0.210	1.70	2.40	25 x 25
Section   Sect	330	380LX331M160H012	0.600	0.310	1.50	2.00	22 x 25	470	380LX471M200J022	0.420	0.190	1.90	2.60	25 x 30
Section   Sect	390	380LX391M160H012	0.470	0.240	1.60	2.30	22 x 25	470	380LX471M200A202	0.460	0.210	1.30	1.80	35 x 20
Section   Sect	470	380LX471M160H022	0.420	0.220	1.86	2.66	22 x 30	560	380LX561M200H042	0.360	0.160	2.18	3.08	22 x 40
Section   Sect	560	380LX561M160H032	0.360	0.180	2.25	3.15	22 x 35	680	380LX681M200H452	0.290	0.130	2.70	3.80	22 x 45
	680	380LX681M160H042	0.296	0.130	2.36	2.39	22 x 40	680	380LX681M200J032	0.270	0.120	2.70	3.80	25 x 35
	820	380LX821M160J042	0.243	0.109	2.75	3.85	25 x 40	680	380LX681M200K022	0.270	0.120	2.70	3.80	30 x 30
1800   380LX182M160K052   0.140   0.085   4.20   5.90   30 x 50   30 x 50   30 x 50   380LX272M160A0S2   0.086   0.043   5.30   7.42   35 x 50   1000   380LX102M200K022   0.199   0.102   3.30   4.60   30 x 30   30 x 50   380LX122M160N042   0.080   0.045   5.50   7.60   40 x 40   40 x 40 x	1000	380LX102M160J042	0.220	0.110	3.00	4.20	25 x 40	820	380LX821M200H452	0.243	0.124	2.90	4.10	22 x 45
2700   380LX272M160N052   0.086   0.043   5.50   7.60   40 × 40 × 40   1000   380LX102M200K032   0.199   0.090   3.25   4.55   25 × 45   4.50   30 × 30   3.20	1200	380LX122M160K032	0.210	0.115	3.25	4.55	30 x 35	820	380LX821M200J042	0.240	0.110	2.60	3.60	25 x 40
	1800	380LX182M160K052	0.140	0.085	4.20	5.90	30 x 50	820	380LX821M200K022	0.220	0.100	2.90	4.10	30 x 30
1000   382LX562M160N082   0.036   0.020   6.60   8.50   40 x80   1000   380LX562M160N082   0.040   0.020   8.30   11.70   40 x80   1200   380LX122M200K032   0.144   0.072   3.87   5.42   25 x50   3.60   380LX562M160B0S2V   0.040   0.020   8.25   9.50   50 x60   1200   380LX122M200K042   0.166   0.075   3.50   4.90   30 x x0   3.60   380LX822M160B0S2V   0.040   0.020   0.015   8.90   12.50   50 x 63   1500   380LX122M200K042   0.166   0.075   3.50   4.90   30 x x0   3.60   380LX822M160B0S2V   0.020   0.015   8.90   12.50   50 x 63   1500   380LX122M200A022   0.144   0.072   3.87   5.42   35 x 35   3.60	2700	380LX272M160A052	0.086	0.043	5.30	7.42	35 x 50	1000	380LX102M200J452	0.199	0.090	3.25	4.55	25 x 45
1.00   382LX562M160N082   0.040   0.020   8.30   11.70   40.880     500   382LX562M160R052V   0.040   0.020   8.25   9.50   50.850     500   382LX562M160R052V   0.040   0.020   8.25   9.50   50.850     500   382LX862M160R0602V   0.026   0.015   8.90   12.46   40.105     500   382LX813M160R0602V   0.026   0.015   8.90   12.46   40.105     500   382LX133M160R0102   0.022   0.012   9.80   13.70   50.863     500   382LX133M160R002V   0.022   0.012   9.80   13.70   50.863     500   382LX132M160R0802V   0.022   0.012   9.80   13.70   50.863     500   382LX132M160R092V   0.018   0.010   12.90   18.10   50.892     500   382LX133M160R0102V   0.014   0.008   1.10   19.70   50.810     500   382LX133M160R0102   0.014   0.008   1.10   19.70   50.810     500   382LX33M180H012   0.030   0.030   1.50   2.00   22.825     500   380LX331M180H012   0.050   0.030   0.008   0.008   0.004   0.008     500   380LX331M180H012   0.050   0.030   0.008   0.008   0.008   0.008   0.008     500   380LX331M180H012   0.050   0.030   0.030   0.030   0.030   0.030   0.030     500   380LX331M180H012   0.008   0.009   0.009   0.009   0.009   0.009     500   380LX331M180H012   0.009   0.009   0.009   0.009   0.009   0.009     500   0.009   0.009   0.009   0.009   0.009   0.009   0.009     500   0.009   0.009   0.009   0.009   0.009   0.009   0.009     500   0.009   0.009   0.009   0.009   0.009   0.009   0.009   0.009     500   0.009   0.009   0.009   0.009   0.009   0.009   0.009   0.009   0.009     500   0.009   0.009   0.009   0.009   0.009   0.009   0.009   0.009   0.009   0.009     500   0.009	2700	382LX272M160N042	0.080	0.045	5.50	7.60	40 x 40	1000	380LX102M200K022	0.199	0.102	3.30	4.60	30 x 30
	4700	382L472M160N082	0.036	0.020	6.60	8.50	40 x 80	1000	380LX102M200K032	0.216	0.097	3.20	4.50	30 x 35
	5600	382LX562M160N082	0.040	0.020	8.30	11.70	40 x 80	1200	380LX122M200J052	0.144	0.072	3.87	5.42	25 x 50
1500   382LX822M1608062V   0.026   0.015   8.90   12.50   50 x 63   1500   380LX152M200A52   0.144   0.072   3.87   5.42   30 x 45   5.45   1000   382LX103M160N102   0.022   0.012   9.00   13.80   40 x 105   1500   380LX152M200A032   0.144   0.072   3.87   5.42   35 x 35   1000   382LX103M160B082V   0.022   0.012   0.018   0.010   12.90   18.10   50 x 92   1800   380LX182M200A042   0.120   0.060   4.32   6.05   35 x 40   1500   382LX153M160B102V   0.014   0.008   14.10   19.70   50 x 105   2.20   380LX323M100A042   0.120   0.060   4.32   6.05   35 x 40   4.50	5600	382LX562M160B052V	0.040	0.020	8.25	9.50	50 x 50	1200	380LX122M200K042	0.166	0.075	3.50	4.90	30 x 40
1000	6800	380LX682M160N102	0.038	0.021	8.90	12.46	40 x 105	1200	380LX122M200A022	0.166	0.075	3.50	4.90	35 x 30
1800   382LX133M1608082V   0.022   0.012   0.98   13.70   50 x 80     1800   382LX123M1608092V   0.018   0.010   12.90   18.10   50 x 92     1800   382LX153M1608102V   0.014   0.008   14.10   19.70   50 x 105     1800   382LX153M1608102V   0.014   0.008   14.10   19.70   50 x 105     1800   382LX153M1608102V   0.014   0.008   14.10   19.70   50 x 105     1800   382LX22M2000442   0.098   0.054   4.92   6.89   35 x 45     2200   382LX222M2000452   0.098   0.054   4.92   6.89   35 x 45     2200   382LX22M2000462   0.080   0.054   0.055   0.70   35 x 63     390   380LX331M180H012   0.603   0.308   1.50   2.00   22 x 25     470   380LX31M180H022   0.423   0.100   0.191   2.67   22 x 30     560   380LX51M180H042   0.355   0.160   2.25   3.15   22 x 40     380   380LX61M180H032   0.293   0.132   2.22   3.11   25 x 35     380   380LX81M180H032   0.293   0.132   2.22   3.11   25 x 35     380   380LX102M180052   0.200   0.100   3.00   3.00   3.00   3.00     380   380LX102M180052   0.200   0.100   3.00   3.00   3.00   3.00     380   380LX112M180052   0.100   0.050   4.32   6.05   30 x 50     380   380LX112M180052   0.070   0.080   3.31   4.63   25 x 50     380   380LX112M180052   0.070   0.080   3.31   4.63   25 x 50     380   380LX112M180052   0.070   0.050   4.32   6.05   30 x 50     380   380LX112M180052   0.070   0.050   4.32   6.05   30 x 50     380   380LX12M180062   0.070   0.050   4.32   6.05   30 x 50     380   380LX12M180062   0.070   0.050   4.32   6.05   30 x 50     380   380LX12M180062   0.070   0.050   4.32   6.05   30 x 50     380   380LX182M180062   0.070   0.050   4.32   6.05   30 x 50     380   380LX182M180062   0.070   0.050   4.32   6.05   30 x 50     380   380LX182M180062   0.070   0.050   4.32   6.05   30 x 50     380   380LX182M180062   0.050   0.050   4.32   6.05   30 x 50     380   3	8200	382LX822M160B062V	0.026	0.015	8.90	12.50	50 x 63	1500	380LX152M200K452	0.144	0.072	3.87	5.42	30 x 45
1800   382LX123M160B092V   0.018   0.010   12.90   18.10   50.879   18.00   380LX182M160B092V   0.014   0.008   14.10   19.70   50.8105   2.200   380LX222M200A452   0.098   0.054   4.92   6.69   35.845   35.8	10000	382LX103M160N102	0.022	0.012	9.90	13.80	40 x 105	1500	380LX152M200A032	0.144	0.072	3.87	5.42	35 x 35
	10000	382LX103M160B082V	0.022	0.012	9.80	13.70	50 x 80	1800	380LX182M200K052	0.120	0.060	4.32	6.05	30 x 50
180 Vdc     225 Vdc   Surge	12000	382LX123M160B092V	0.018	0.010	12.90	18.10	50 x 92	1800	380LX182M200A042	0.120	0.060	4.32	6.05	35 x 40
330   380LX331M180H012   0.603   0.308   1.50   2.00   22 x 25     390   380LX391M180H022   0.510   0.230   1.68   2.35   22 x 30     470   380LX471M180H022   0.423   0.190   1.91   2.67   22 x 30     560   380LX561M180H042   0.355   0.160   2.25   3.15   22 x 40     680   380LX681M180J032   0.293   0.132   2.22   3.11   25 x 35     820   380LX821M180K022   0.240   0.120   2.80   3.90   30 x 30     1000   380LX102M180J052   0.220   0.100   3.00   4.20   25 x 50     1200   380LX122M180J052   0.170   0.080   3.31   4.63   25 x 50     1300   380LX122M180K052   0.170   0.080   3.31   4.63   25 x 50     1300   380LX122M180K052   0.170   0.080   3.31   4.63   25 x 50     1300   380LX122M180K052   0.170   0.080   3.31   4.63   25 x 50     1300   380LX122M180K052   0.170   0.080   3.31   4.63   25 x 50     1300   380LX122M180K052   0.170   0.080   3.31   4.63   25 x 50     1300   380LX122M180K052   0.170   0.080   3.31   4.63   25 x 50     1300   380LX122M180K052   0.170   0.080   3.31   4.63   25 x 50     1300   380LX122M180K052   0.170   0.080   3.31   4.63   25 x 50     1300   380LX122M180K052   0.170   0.080   3.31   4.63   25 x 50     1300   380LX122M180K052   0.170   0.080   3.31   4.63   25 x 50     1300   380LX122M180K052   0.170   0.080   3.31   4.63   25 x 50     1300   380LX122M180K052   0.170   0.080   3.31   4.63   25 x 50     1300   380LX122M180K052   0.170   0.080   3.31   4.63   25 x 50     1300   380LX122M180K052   0.070   0.080   3.31   4.63   25 x 50     1300   380LX122M180K052   0.070   0.080   3.31   4.63   25 x 50     1300   380LX122M180K052   0.070   0.080   3.31   4.63   25 x 50     1300   380LX122M180K052   0.070   0.080   3.31   4.63   25 x 50     1300   380LX122M1800062   0.055   0.030   0.660   0.025   0.030   0.060     1300   380LX122M180K052   0.170   0.080   3.31   4.63   25 x 50     1300   380LX22M18000062   0.055   0.030   0.065   0.037   0.00     1300   380LX22M18000062   0.055   0.030   0.060   0.025   0.060     1300   380LX22M18000062   0.060   0.060   0.060   0.060   0.060   0.060	15000	382LX153M160B102V	0.014	0.008	14.10	19.70	50 x 105	2200	380LX222M200A452	0.098	0.054	4.92	6.89	35 x 45
270   380LX391M180H022   0.510   0.230   1.68   2.35   22 x 30   270   382LX272M200N052   0.080   0.045   5.40   7.60   40 x 50   40 x 63   40 x		180 Vd	c (225 Vd	c Surge)				2200	382LX222M200N042	0.098	0.054	4.92	6.89	40 x 40
380LX471M180H022	330	380LX331M180H012	0.603	0.308	1.50	2.00	22 x 25	2700	380LX272M200A062	0.080	0.045	5.50	7.70	35 x 63
560         380LX561M180H042         0.355         0.160         2.25         3.15         22 x 40         3300         382LX332M200N062         0.065         0.037         6.30         8.90         40 x 63           680         380LX681M180J032         0.293         0.132         2.22         3.11         25 x 35         3900         380LX392M200A082         0.055         0.030         6.60         9.25         35 x 80           820         380LX102M180J052         0.220         0.100         3.00         4.20         25 x 50         3900         382LX392M200A062         0.055         0.030         6.60         9.25         35 x 80           1200         380LX122M180J052         0.170         0.080         3.31         4.63         25 x 50         4700         382LX472M200N062         0.055         0.030         8.22         9.45         50 x 50           1500         380LX152M180K052         0.130         0.070         3.80         5.40         30 x 50         4700         382LX472M200B062V         0.046         0.025         9.32         13.05         50 x 63           1800         380LX182M180K052         0.120         0.050         4.90         6.90         35 x 50         6600         380LX562M200N102	390	380LX391M180H022	0.510	0.230	1.68	2.35	22 x 30	2700	382LX272M200N052	0.080	0.045	5.40	7.60	40 x 50
680         380LX681M180J032         0.293         0.132         2.22         3.11         25 x 35           820         380LX821M180K022         0.240         0.120         2.80         3.90         30 x 30           1000         380LX102M180J052         0.220         0.100         3.00         4.20         25 x 50           1200         380LX122M180J052         0.170         0.080         3.31         4.63         25 x 50           1500         380LX152M180K052         0.130         0.070         3.80         5.40         30 x 50           1800         380LX182M180K052         0.120         0.050         4.32         6.05         30 x 50           1800         380LX182M180K052         0.120         0.050         4.90         6.90         35 x 50           2200         380LX222M180A052         0.090         0.050         4.90         6.90         35 x 50           4700         382LX622M180A052         0.090         0.050         4.90         6.90         35 x 50           4700         382LX72M180N062         0.051         0.027         5.00         6.50         40 x 63           4700         382LX62M20M0N02         0.032         0.017         11.41         15	470	380LX471M180H022	0.423	0.190	1.91	2.67	22 x 30	3300	380LX332M200A082	0.065	0.037	6.40	9.00	35 x 80
820       380LX821M180K022       0.240       0.120       2.80       3.90       30 x 30         1000       380LX102M180J052       0.220       0.100       3.00       4.20       25 x 50         1200       380LX122M180J052       0.170       0.080       3.31       4.63       25 x 50         1500       380LX152M180K052       0.130       0.070       3.80       5.40       30 x 50         1800       380LX182M180K052       0.120       0.050       4.32       6.05       30 x 50         2200       380LX222M180A052       0.090       0.050       4.90       6.90       35 x 50         2700       382LZ7ZM180N062       0.051       0.027       5.00       6.50       40 x 63         4700       382LX72M180N062       0.051       0.020       6.60       8.50       40 x 63         4700       382LX72M180N062       0.051       0.027       5.00       6.50       40 x 63         4700       382LX72M180N062       0.051       0.027       5.00       6.50       40 x 63         4700       382LX72M180N082       0.036       0.020       6.60       8.50       40 x 80         50       380LX3151M200H012       1.330       0.600	560	380LX561M180H042	0.355	0.160	2.25	3.15	22 x 40	3300	382LX332M200N062	0.065	0.037	6.30	8.90	40 x 63
380LX102M180J052   0.220   0.100   3.00   4.20   25 x 50     3900   382LX392M200B052V   0.055   0.030   8.22   9.45   50 x 50     1200   380LX122M180J052   0.170   0.080   3.31   4.63   25 x 50     4700   382LX472M200N082   0.046   0.025   8.38   11.73   40 x 80   1500   380LX152M180K052   0.130   0.070   3.80   5.40   30 x 50   4700   382LX472M200B062V   0.046   0.025   9.32   13.05   50 x 63   1800   380LX182M180K052   0.120   0.050   4.32   6.05   30 x 50   5600   380LX222M180A052   0.090   0.050   4.90   6.90   35 x 50   6800   382LX682M200N102   0.032   0.017   8.65   12.11   40 x 105   4700   382LX72M180N062   0.051   0.027   5.00   6.50   40 x 63   40 x 80	680	380LX681M180J032	0.293	0.132	2.22	3.11	25 x 35	3900	380LX392M200A082	0.055	0.030	6.60	9.25	35 x 80
1200   380LX122M180J052   0.170   0.080   3.31   4.63   25 x 50	820	380LX821M180K022	0.240	0.120	2.80	3.90	30 x 30	3900	382LX392M200N062	0.055	0.030	6.80	9.50	40 x 63
1500       380LX152M180K052       0.130       0.070       3.80       5.40       30 x 50       4700       382LX472M200B062V       0.046       0.025       9.32       13.05       50 x 63         1800       380LX182M180K052       0.120       0.050       4.32       6.05       30 x 50       5600       380LX562M200N102       0.040       0.020       8.90       12.46       40 x 105         2200       380LX222M180A052       0.090       0.050       4.90       6.90       35 x 50       6800       382LX682M200N102       0.032       0.017       8.65       12.11       40 x 105         2700       382L272M180N062       0.051       0.027       5.00       6.50       40 x 63       6800       382LX682M200B082V       0.032       0.017       11.41       15.97       50 x 80         4700       382LX72M180N082       0.036       0.020       6.60       8.50       40 x 80       7500       382LX752M200B092V       0.029       0.016       12.28       17.19       50 x 92         150       380LX151M220H012       1.330       0.600       0.65       0.90       22 x 25       22 x 25       120       380LX121M250H012       1.600       0.850       0.50       0.60       22 x 25      <	1000	380LX102M180J052	0.220	0.100	3.00	4.20	25 x 50	3900	382LX392M200B052V	0.055	0.030	8.22	9.45	50 x 50
1800       380LX182M180K052       0.120       0.050       4.32       6.05       30 x 50         2200       380LX222M180A052       0.090       0.050       4.90       6.90       35 x 50         2700       382L272M180N062       0.051       0.027       5.00       6.50       40 x 63         4700       382L472M180N082       0.036       0.020       6.60       8.50       40 x 80         150       380LX151M200H012       1.330       0.600       0.65       0.90       22 x 25         270       380LX221M200H012       0.900       0.420       1.00       1.45       22 x 25         270       380LX331M200H022       0.600       0.270       1.60       2.20       22 x 30	1200	380LX122M180J052	0.170	0.080	3.31	4.63	25 x 50	4700	382LX472M200N082	0.046	0.025	8.38	11.73	40 x 80
2200 380LX222M180A052 0.090 0.050 4.90 6.90 35 x 50 2700 382L272M180N062 0.051 0.027 5.00 6.50 40 x 63 4700 382L472M180N082 0.036 0.020 6.60 8.50 40 x 80 200 Vdc (250 Vdc Surge)  150 380LX151M200H012 1.330 0.600 0.65 0.90 22 x 25 270 380LX221M200H012 0.900 0.420 1.00 1.45 22 x 25 270 380LX271M200H012 0.730 0.300 1.40 2.00 22 x 25 330 380LX331M200H022 0.600 0.270 1.60 2.20 22 x 30 380LX331M200H022 0.600 0.050 4.90 6.90 35 x 50 6800 382LX682M200N102 0.032 0.017 8.65 12.11 40 x 105 6800 382LX682M200B092V 0.029 0.016 12.28 17.19 50 x 92 820 382LX822M200B102V 0.026 0.014 13.16 18.42 50 x 105 8250 Vdc (300 Vdc Surge) 820 380LX121M250H012 1.660 0.850 0.50 0.60 22 x 25 820 380LX121M250H012 1.330 0.460 1.00 1.25 22 x 25 820 380LX151M250H012 1.330 0.460 1.00 1.25 22 x 25 820 380LX181M250H012 1.110 0.550 1.10 1.50 22 x 25	1500	380LX152M180K052	0.130	0.070	3.80	5.40	30 x 50	4700	382LX472M200B062V	0.046	0.025	9.32	13.05	50 x 63
2700       382L272M180N062       0.051       0.027       5.00       6.50       40 x 63         4700       382L472M180N082       0.036       0.020       6.60       8.50       40 x 80         200 Vdc (250 Vdc Surge)         150       380LX151M200H012       1.330       0.600       0.65       0.90       22 x 25         220       380LX221M200H012       0.900       0.420       1.00       1.45       22 x 25         270       380LX271M200H012       0.730       0.300       1.40       2.00       22 x 25         330       380LX331M200H022       0.600       0.270       1.60       2.20       22 x 30	1800	380LX182M180K052	0.120	0.050	4.32	6.05	30 x 50	5600	380LX562M200N102	0.040	0.020	8.90	12.46	40 x 105
4700       382L472M180N082       0.036       0.020       6.60       8.50       40 x 80         200 Vdc (250 Vdc Surge)         150       380LX151M200H012       1.330       0.600       0.65       0.90       22 x 25         220       380LX221M200H012       0.900       0.420       1.00       1.45       22 x 25         270       380LX271M200H012       0.730       0.300       1.40       2.00       22 x 25         330       380LX331M200H022       0.600       0.270       1.60       2.20       22 x 30	2200	380LX222M180A052	0.090	0.050	4.90	6.90	35 x 50	6800	382LX682M200N102	0.032	0.017	8.65	12.11	40 x 105
200 Vdc (250 Vdc Surge)         150       380LX151M200H012       1.330       0.600       0.65       0.90       22 x 25         220       380LX221M200H012       0.900       0.420       1.00       1.45       22 x 25         270       380LX271M200H012       0.730       0.300       1.40       2.00       22 x 25         330       380LX331M200H022       0.600       0.270       1.60       2.20       22 x 30	2700	382L272M180N062	0.051	0.027	5.00	6.50	40 x 63	6800	382LX682M200B082V	0.032	0.017	11.41	15.97	50 x 80
150 380LX151M200H012 1.330 0.600 0.65 0.90 22 x 25         220 380LX221M200H012 0.900 0.420 1.00 1.45 22 x 25       120 380LX121M250H012 1.660 0.850 0.50 0.60 22 x 25         270 380LX271M200H012 0.730 0.300 1.40 2.00 22 x 25       150 380LX151M250H012 1.330 0.460 1.00 1.25 22 x 25         330 380LX331M200H022 0.600 0.270 1.60 2.20 22 x 30       1.60 3.20 22 x 30	4700	382L472M180N082	0.036	0.020	6.60	8.50	40 x 80	7500	382LX752M200B092V	0.029	0.016	12.28	17.19	50 x 92
220       380LX221M200H012       0.900       0.420       1.00       1.45       22 x 25         270       380LX271M200H012       0.730       0.300       1.40       2.00       22 x 25         330       380LX331M200H022       0.600       0.270       1.60       2.20       22 x 30		200 Vd	c (250 Vd	c Surge)				8200	382LX822M200B102V	0.026	0.014	13.16	18.42	50 x 105
270     380LX271M200H012     0.730     0.300     1.40     2.00     22 x 25     150     380LX151M250H012     1.330     0.460     1.00     1.25     22 x 25       330     380LX331M200H022     0.600     0.270     1.60     2.20     22 x 30     180     380LX181M250H012     1.110     0.550     1.10     1.50     22 x 25	150	380LX151M200H012	1.330	0.600	0.65	0.90	22 x 25		250 V	dc (300 \	/dc Surge	<u> </u>		
330 380LX331M200H022 0.600 0.270 1.60 2.20 22 x 30 180 380LX181M250H012 1.110 0.550 1.10 1.50 22 x 25	220	380LX221M200H012	0.900	0.420	1.00	1.45	22 x 25	120	380LX121M250H012	1.660	0.850	0.50	0.60	22 x 25
	270	380LX271M200H012	0.730	0.300	1.40	2.00	22 x 25	150	380LX151M250H012	1.330	0.460	1.00	1.25	22 x 25
330 380LX331M200J012 0.470 0.210 1.70 2.40 25 x 25 220 380LX221M250H012 0.900 0.450 1.30 1.70 22 x 25	330	380LX331M200H022	0.600	0.270	1.60	2.20	22 x 30	180	380LX181M250H012	1.110	0.550	1.10	1.50	22 x 25
	330	380LX331M200J012	0.470	0.210	1.70	2.40	25 x 25	220		0.900	0.450	1.30	1.70	22 x 25

		Max.	ESR	Ripple	Nomina						
Cap.	Catalog	@ <b>+2</b>	@+	Size							
(uF)	Part Number	120 Hz	20 kHz	120 Hz	20 kHz	DxL					
		(ohms)	(ohms)	(A)	(A)	(mm)					
	250 Vdc (300 Vdc Surge)										
270	380LX271M250H022	0.620	0.250	1.30	1.80	22 x 30					
330	380LX331M250H042	0.600	0.300	1.66	2.32	22 x 40					
330	380LX331M250J022	0.550	0.220	1.80	2.50	25 x 30					
390	380LX391M250J032	0.510	0.260	1.91	2.67	25 x 35					
470	380LX471M250J032	0.420	0.190	2.11	2.95	25 x 35					
470	380LX471M250J042	0.039	1.550	2.10	3.00	25 x 40					
560	380LX561M250J032	0.360	0.160	2.25	3.15	25 x 35					
560	380LX561M250K022	0.326	0.130	2.30	3.20	30 x 30					
680	380LX681M250J452	0.270	0.110	2.50	3.50	25 x 45					
680	380LX681M250K032	0.268	0.107	2.50	3.50	30 x 35					
820	380LX821M250K042	0.222	0.089	2.80	3.90	30 x 40					
820	380LX821M250A022	0.222	0.089	2.80	3.90	35 x 30					
1000	380LX102M250K452	0.182	0.073	3.32	4.65	30 x 45					
1000	380LX102M250A032	0.182	0.073	3.32	4.65	35 x 35					
1200	380LX122M250A042	0.166	0.083	3.53	4.94	35 x 40					
1500	380LX152M250A052	0.133	0.068	4.00	5.70	35 x 50					
1500	382LX152M250N042	0.133	0.066	4.04	5.66	40 x 40					
1800	380LX182M250A062	0.110	0.055	4.50	6.30	35 x 63					
1800	382LX182M250N052	0.110	0.055	4.50	6.30	40 x 50					
1800	382L182M250N062	0.062	0.030	4.80	6.40	40 x 63					
2200	380LX222M250A062	0.090	0.045	4.70	6.60	35 x 63					
2200	380LX222M250A082	0.090	0.045	4.90	6.90	35 x 80					
2200	382LX222M250N062	0.090	0.045	4.90	6.90	40 x 63					
2700	380LX272M250A082	0.074	0.037	5.60	7.90	35 x 80					
2700	382LX272M250N062	0.074	0.037	5.80	8.10	40 x 63					
2700	382L272M250N082 382LX272M250B052V	0.043	0.021	6.30	8.40 7.70	40 x 80					
2700 3300	382LX272M250B052V 382LX332M250N082	0.074	0.037	6.77 7.00	7.79	50 x 50 40 x 80					
3300	382LX332M250B062V	0.060	0.030	7.00 7.79	9.80 10.91	50 x 63					
3900	382LX392M250N082	0.051	0.030	7.79	10.30	40 x 80					
3900	380LX392M250N102	0.060	0.020	7.33	10.30	40 x 105					
4700	382LX472M250N102	0.042	0.021	8.88	12.43	40 x 105					
4700	382LX472M250B082V	0.042	0.021	9.65	13.51	50 x 80					
5600	382LX562M250B092V	0.036	0.018	10.80	15.12	50 x 92					
6800	382LX682M250B102V	0.029	0.015	12.16	17.02	50 x 105					
		Vdc (365 \									
100	380LX101M315H012	1.930	1.020	0.90	1.30	22 x 25					
120	380LX121M315H012	1.660	0.860	1.00	1.40	22 x 25					
150	380LX151M315H022	1.330	0.600	1.10	1.60	22 x 30					
180	380LX181M315H022	1.110	0.550	1.21	1.69	22 x 30					
220	380LX221M315H032	0.900	0.450	1.41	1.97	22 x 35					
		0.740	0.370	1.60	2.24	25 x 35					

		Max	. ESR	Ripple	Amps	Nominal
Cap.	Catalog	@+	25°C	@ +8	35°C	Size
(uF)	Part Number	120 Hz	20 kHz	120 Hz	20 kHz	DxL
		(ohms)	(ohms)	(A)	(A)	(mm)
	315\	/dc (365 \	Vdc Surg	e)		
270	380LX271M315K022	0.737	0.376	1.60	2.20	30 x 30
330	380LX331M315J042	0.600	0.300	1.82	2.55	25 x 40
330	380LX331M315K022	0.603	0.308	1.80	2.50	30 x 30
390	380LX391M315J042	0.510	0.260	2.01	2.81	25 x 40
390	380LX391M315K032	0.510	0.260	2.00	2.80	30 x 35
390	380LX391M315A022	0.510	0.260	2.00	2.80	35 x 30
470	380LX471M315K042	0.423	0.216	2.30	3.20	30 x 40
470	380LX471M315A032	0.423	0.216	2.30	3.20	35 x 35
560	380LX561M315K452	0.355	0.181	2.60	3.60	30 x 45
560	380LX561M315A032	0.355	0.181	2.60	3.60	35 x 35
680	380LX681M315A452	0.293	0.149	2.90	4.00	35 x 45
820	380LX821M315A052	0.243	0.124	3.30	4.60	35 x 50
1000	380L102M315A062	0.218	0.129	2.70	3.60	35 x 63
1200	380L122M315A072	0.182	0.107	3.20	4.20	35 x 70
1200	382L122M315N052	0.202	0.122	2.90	3.90	40 x 50
1500	380L152M315A082	0.153	0.090	3.60	4.80	35 x 80
1500	382L152M315N062	0.162	0.098	3.40	4.50	40 x 63
1800	382L182M315N082	0.113	0.069	4.50	6.00	40 x 80
	350\	/dc (400 \	Vdc Surg	e)		
82	380LX820M350H012	2.430	1.240	0.83	1.16	22 x 25
100	380LX101M350H022	1.990	1.020	0.70	1.10	22 x 30
120	380LX121M350H022	1.660	0.750	1.00	1.40	22 x 30
150	380LX151M350H022	1.330	0.600	1.10	1.60	22 x 30
180	380LX181M350H022	1.110	0.500	1.20	1.70	22 x 30
220	380LX221M350H042	0.900	0.410	1.44	2.00	22 x 40
270	380LX271M350H452	0.740	0.380	1.66	2.32	22 x 45
270	380LX271M350K022	0.614	0.215	1.66	2.32	30 x 30
330	380LX331M350J042	0.600	0.300	1.88	2.63	25 x 40
330	380LX331M350K032	0.500	0.180	1.90	2.60	30 x 35
330	380LX331M350A022	0.500	0.180	1.90	2.60	35 x 30
390	380LX391M350J452	0.510	0.230	1.80	2.50	25 x 45
390	380LX391M350K042	0.425	0.149	2.06	2.88	30 x 40
390	380LX391M350A022	0.425	0.149	2.06	2.88	35 x 30
470	380LX471M350K052	0.390	0.140	2.40	3.40	30 x 50
470	380LX471M350A032	0.390	0.140	2.40	3.40	35 x 35
560	380LX561M350K052	0.326	0.114	2.60	3.64	30 x 50
560	380LX561M350A042	0.326	0.114	2.60	3.64	35 x 40
680	380LX681M350A452	0.293	0.117	2.96	4.14	35 x 45
680	382LX681M350N042	0.293	0.117	3.00	4.10	40 x 40
820	380LX821M350A052	0.243	0.097	3.55	4.97	35 x 50
1000	380LX102M350A062	0.250	0.110	3.80	5.30	35 x 63
1000	382LX102M350N052	0.250	0.110	3.80	5.30	40 x 50

		Max. ESR Ripple Amps					
Cap.	Catalog	Catalog @ +25°C					
(uF)	Part Number	120 Hz	20 kHz	120 Hz	20 kHz	DxL	
		(ohms)	(ohms)	(A)	(A)	(mm)	
	350 V	dc (400 V	dc Surge	<u>.)</u>			
1200	380LX122M350A082	0.210	0.095	4.40	6.20	35 x 80	
1200	382LX122M350N062	0.210	0.095	4.40	6.20	40 x 63	
1200	382LX122M350B052V	0.207	0.093	5.18	5.96	50 x 50	
1500	382LX152M350B062V	0.166	0.075	6.01	8.41	50 x 63	
1800	380LX182M350A102	0.140	0.060	5.79	8.11	35 x 105	
1800	382LX182M350N082	0.138	0.062	5.85	8.20	40 x 80	
1800	382LX182M350B082V	0.138	0.062	6.89	9.65	50 x 80	
2200	382LX222M350N102	0.113	0.051	6.91	9.67	40 x 105	
2200	382LX222M350B092V	0.113	0.051	7.79	10.91	50 x 92	
2700	382LX272M350B102V	0.092	0.041	8.80	12.32	50 x 105	
	400 V	dc (450 V	dc Surge	<u>e)</u>			
47	380LX470M400H012	4.500	1.600	0.30	0.42	22 x 25	
68	380LX680M400H012	2.930	1.000	0.35	0.50	22 x 25	
82	380LX820M400H012	2.440	0.850	0.70	0.95	22 x 25	
100	380LX101M400H012	1.990	0.900	0.90	1.30	22 x 25	
100	380LX101M400H022	1.650	0.580	0.90	1.30	22 x 30	
100	380LX101M400J012	1.650	0.580	0.90	1.30	25 x 25	
120	380LX121M400H022	1.660	0.750	1.00	1.40	22 x 30	
150	380LX151M400H032	1.330	0.460	1.20	1.60	22 x 35	
150	380LX151M400J022	1.100	0.390	1.20	1.60	25 x 30	
180	380LX181M400J032	1.100	0.500	1.30	1.85	25 x 35	
220	380LX221M400J022	0.900	0.450	1.49	2.09	25 x 30	
220	380LX221M400K022	0.750	0.260	1.50	2.10	30 x 30	
270	380LX271M400J452	0.680	0.240	1.70	2.30	25 x 45	
270	380LX271M400K022	0.740	0.370	1.67	2.34	30 x 30	
270	380LX271M400K032	0.680	0.240	1.70	2.30	30 x 35	
270	380LX271M400A022	0.680	0.240	1.70	2.30	35 x 30	
330	380LX331M400K042	0.550	0.200	1.90	2.70	30 x 40	
330	380LX331M400A022	0.550	0.200	1.90	2.70	35 x 30	
330	380LX331M400A032	0.502	0.201	1.40	1.90	35 x 35	
390	380LX391M400J452	0.470	0.160	2.10	3.00	25 x 45	
390	380LX391M400K452	0.470	0.160	2.10	3.00	30 x 45	
390	380LX391M400A032	0.470	0.160	2.10	3.00	35 x 35	
470	380LX471M400A042	0.388	0.136	2.39	3.35	35 x 40	
560	380LX561M400A452	0.326	0.114	2.69	3.77	35 x 45	
560	382LX561M400N042	0.326	0.114	2.70	3.80	40 x 40	
680	380LX681M400A052	0.270	0.095	3.00	4.20	35 x 50	
680	382LX681M400N052	0.270	0.095	3.40	4.70	40 x 50	
820	380LX821M400A062	0.222	0.078	3.55	4.97	35 x 63	
820	382LX821M400N052	0.222	0.078	3.40	4.70	40 x 50	
1000	380L102M400A082	0.179	0.099	3.60	4.80	35 x 80	
1000	382LX102M400N062	0.199	0.127	4.20	5.80	40 x 63	

		Max	. ESR	Ripple	Nominal						
C	Catalan	@+	25℃	@+	Size						
Cap. (uF)	Catalog Part Number	120 Hz	20 kHz	120 Hz	20 kHz	DxL					
		(ohms)	(ohms)	(A)	(A)	(mm)					
400 Vdc (450 Vdc Surge)											
1000	382LX102M400B052V	0.199	0.080	4.76	5.47	50 x 50					
1200	380LX122M400A082	0.152	0.053	4.52	6.33	35 x 80					
1200	382LX122M400N062	0.152	0.053	4.52	6.33	40 x 63					
1200	382LX122M400B062V	0.166	0.066	5.47	7.66	50 x 63					
1500	380LX152M400A102	0.120	0.040	5.44	7.62	35 x 105					
1500	382LX152M400N082	0.122	0.043	5.50	7.70	40 x 80					
1500	382LX152M400B082V	0.133	0.053	6.47	9.06	50 x 80					
1800	382LX182M400N102	0.101	0.035	6.53	9.14	40 x 105					
1800	382LX182M400B092V	0.111	0.044	7.35	10.29	50 x 92					
2200	382LX222M400B102V	0.090	0.036	8.43	11.80	50 x 105					
	420 Va	dc (470 V	dc Surge)								
82	380LX820M420H012	2.430	0.850	0.80	1.15	22 x 25					
100	380LX101M420H022	1.820	0.820	0.90	1.30	22 x 30					
120	380LX121M420H022	1.660	0.750	0.90	1.30	22 x 30					
150	380LX151M420H042	1.330	0.600	1.15	1.60	22 x 40					
180	380LX181M420H042	1.110	0.500	1.45	2.00	22 x 40					
180	380LX181M420K022	1.100	0.390	1.45	2.00	30 x 30					
220	380LX221M420H452	0.900	0.410	1.50	2.10	22 x 45					
220	380LX221M420K022	0.900	0.320	1.50	2.10	30 x 30					
270	380LX271M420J452	0.740	0.330	1.70	2.30	25 x 45					
270	380LX271M420K032	0.740	0.260	1.70	2.30	30 x 35					
270	380LX271M420A022	0.740	0.260	1.70	1.93	35 x 30					
330	380LX331M420K452	0.600	0.210	1.90	2.68	30 x 45					
330	380LX331M420A032	0.600	0.210	1.90	2.68	35 x 35					
390	380LX391M420K052	0.500	0.180	2.10	3.00	30 x 50					
390	380LX391M420A042	0.500	0.180	2.10	3.00	35 x 40					
470	380LX471M420A452	0.420	0.150	2.40	3.35	35 x 45					
560	380LX561M420A052	0.355	0.125	2.70	3.80	35 x 50					
	450 Va	dc (500 V	dc Surge)								
33	380LX330M450H012	6.030	2.400	0.40	0.57	22 x 25					
47	380LX470M450H202	4.230	1.690	0.30	0.40	22 x 20					
56	380LX560M450H012	3.550	1.600	0.70	1.00	22 x 25					
68	380LX680M450H012	2.930	1.020	0.80	1.10	22 x 25					
82	380LX820M450H012	2.000	0.810	0.80	1.20	22 x 25					
82	380LX820M450H022	2.430	1.210	0.83	1.16	22 x 30					
100	380LX101M450H022	1.990	0.790	0.90	1.30	22 x 30					
120	380LX121M450H022	1.659	0.661	1.00	1.50	22 x 30					
120	380LX121M450H032	1.660	0.750	0.90	1.35	22 x 35					
120	380LX121M450J012	1.380	0.550	1.00	1.50	25 x 25					
150	380LX151M450H032	1.330	0.590	1.18	1.66	22 x 35					
150	380LX151M450K022	1.100	0.440	1.20	1.70	30 x 30					
180	380LX181M450J032	1.110	0.380	1.20	1.75	25 x 35					

		Max. ESR Ri		Ripple	Ripple Amps Nominal				Max. ESR		Ripple Amps		Nominal
Cap.	Catalog Part Number	@ +25°C		@ +85°C		Size D x L	Cap. (uF)	Catalog	@ +25°C		@ +85°C		Size
(uF)		_		120 Hz 20 kHz				Part Number		20 kHz	_		DxL
		(ohms)	(ohms)	(A)	(A)	(mm)				(ohms)	(A)	(A)	(mm)
450 Vdc (500 Vdc Surge)								500	Vdc (550			(/	
180	380LX181M450K012	0.921	0.368	1.40	1.90	30 x 25	100	380LX101M500K022	2.013	1.208	1.10	1.50	30 x 30
180	380LX181M450K022	0.921	0.368	1.35	1.89	30 x 30	100	380LX101M500A012	2.013	1.208	1.10	1.50	35 x 25
220	380LX221M450H452	0.754	0.301	1.40	2.00	22 x 45	120	380LX121M500H052	1.678	1.007	1.13	1.58	22 x 50
220	380LX221M450J452	0.750	0.300	1.40	2.00	25 x 45	120	380LX121M500J042	1.678	1.007	1.13	1.58	25 x 40
220	380LX221M450J052	0.754	0.301	1.55	2.17	25 x 50	120	380LX121M500K022	1.678	1.007	1.13	1.58	30 x 30
220	380LX221M450J032	0.754	0.301	1.55	2.17	30 x 35	120	380LX121M500K032	1.678	1.007	1.40	1.90	30 x 35
							120	380LX121M500A022	1.678	1.007	1.40	1.90	35 x 30
220	380LX221M450A022	0.904	0.461	1.60	2.20	35 x 30	150	380LX151M500J452	1.105	0.442	1.29	1.80	25 x 45
270	380LX271M450K452	0.680	0.270	1.80	2.50	30 x 45	150	380LX151M500J052	0.945	0.585	1.40	1.90	25 x 50
270	380LX271M450A022	0.680	0.270	1.80	2.50	35 x 30	150	380LX151M500K032	1.105	0.442	1.29	1.80	30 x 35
330	380LX331M450K052	0.550	0.250	2.00	2.80	30 x 50	150	380LX151M500K042	0.926	0.562	1.60	2.20	30 x 40
330	380LX331M450A032	0.553	0.221	2.01	2.81	35 x 35	150	380LX151M500A012	1.342	0.805	1.29	1.80	35 x 25
390	380LX391M450A452	0.510	0.260	2.20	3.10	35 x 45	180	380LX181M500J052	0.920	0.368	1.38	1.93	25 x 50
470	380LX471M450A452	0.423	0.233	2.53	3.54	35 x 45	180	380LX181M500K042	0.920	0.368	1.38	1.93	30 x 40
470	382LX471M450N042	0.423	0.233	2.53	3.54	40 x 40	180	380LX181M500A022	1.119	0.617	1.38	1.93	35 x 30
560	380LX561M450A052	0.355	0.171	2.50	3.50	35 x 50	180	380LX181M500A032	1.119	0.617	1.60	2.20	35 x 35
560	380LX561M450A062	0.355	0.195	2.90	4.10	35 x 63	220	380LX221M500K452	0.754	0.339	1.50	2.10	30 x 45
680	380L681M450A072	0.226	0.120	3.20	4.20	35 x 70	220	380LX221M500K452	0.654	0.339	2.00	2.70	30 x 50
680	382LX681M450N052	0.290	0.160	3.15	4.40	40 x 50	220	380LX221M500A032	0.915	0.549	1.50	2.10	35 x 35
680	382L681M450N062	0.201	0.109	3.40	4.50	40 x 63	220	380LX221M500A032	0.915	0.549	1.90	2.50	35 x 40
820	380LX821M450A082	0.243	0.133	3.80	5.30	35 x 80	270	380LX221M300A042	0.746	0.349	1.76	2.30	35 x 40
820	382LX821M450N062	0.243	0.133	3.70	5.20	40 x 63	270	380LX271M500A042	0.746	0.447	2.30	3.10	35 x 50
820	382LX821M450B052V	0.263	0.145	4.31	4.96	50 x 50	270	382L271M500N042	0.746	0.447	2.40	3.20	40 x 40
1000	382LX102M450N082	0.216	0.119	4.20	5.90	40 x 80	330	380LX331M500A452	0.610	0.366	1.99	2.79	35 x 45
1000	382LX102M450B062V	0.216	0.119	4.96	6.94	50 x 63	330	382LX331M500N042	0.610	0.366	2.16	3.00	40 x 40
1200	380LX122M450A102	0.170	0.090	4.80	6.72	35 x 105	390			-		3.11	35 x 50
1200	382LX122M450N082	0.166	0.091	4.85	6.80	40 x 80		380LX391M500A052	0.516	0.310	2.22		35 x 63
1200	382LX122M450B082V	0.180	0.099	5.71	7.99	50 x 80	390	380LX391M500A062	0.516	0.310	2.70	3.60	
1500	382LX152M450N102	0.133	0.073	5.81	8.13	40 x 105	390	382L391M500N052	0.516	0.310	2.90	3.90	40 x 50
1500	382LX152M450B092V	0.144	0.079	6.55	9.17	50 x 92	470	380LX471M500A062	0.428	0.257	2.58	3.61	35 x 63
1800	382LX182M450B102V	0.120	0.066	7.38	10.30	50 x 105	470	380LX471M500A072	0.428	0.257	3.20	4.20	35 x 70
500 Vdc (550 Vdc Su					10.50	30 X 103	470	382LX471M500N052	0.428	0.257	2.70	3.78	40 x 50
33	380LX330M500H012	4.420	2.652	0.60	0.80	22 x 25	470	382L471M500N062	0.428	0.257	3.40	4.50	40 x 63
47	380LX470M500H012	3.500	2.100	0.63	0.88	22 x 25	560	380LX561M500A082	0.360	0.216	3.60	4.80	35 x 80
	380LX560M500H022	2.980	1.788	0.70	0.98		560	382LX561M500N062	0.360	0.216	3.11	4.35	40 x 63
56						22 x 30	560	382LX561M500B052V	0.360	0.216	3.52	4.05	50 x 50
68	380LX680M500H032	2.720	1.632	0.78	1.09	22 x 35	680	380LX681M500A082	0.296	0.178	3.21	4.49	35 x 80
68	380LX680M500J012	2.720	1.632	0.78	1.09	25 x 25	680	382L681M500N082	0.296	0.178	4.50	6.00	40 x 80
82	380LX820M500H042	2.455	1.473	0.88	1.23	22 x 40	680	382LX681M500B062V	0.296	0.178	4.07	5.70	50 x 63
82	380LX820M500J022	2.455	1.473	0.88	1.23	25 x 30	820	380LX821M500A102	0.246	0.147	3.97	5.56	35 x 105
82	380LX820M500K012	2.455	1.473	0.90	1.20	30 x 25	820	382LX821M500N082	0.246	0.147	3.88	5.43	40 x 80
100	380LX101M500H452	2.013	1.208	0.99	1.39	22 x 45	1000	382LX102M500B082V	0.199	0.121	5.05	7.07	50 x 80
100	380LX101M500J032	2.013	1.208	0.99	1.39	25 x 35	1200	382LX122M500N102	0.168	0.101	5.90	8.26	40 x 105
100	380LX101M500J042	2.013	1.208	1.10	1.50	25 x 40	1200	382LX122M500B092V	0.168	0.101	5.74	8.04	50 x 92
							1500	382LX152M500B102V	0.134	0.081	6.65	9.31	50 x 105

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