

# Types 380L, 382L, 380LX & 382LX, 85 °C High-Capacitance Snap-In

2-pin Types: 380L and 380LX. 4-pin or 5-pin Types: 382L and 382LX

[查询"380LX182M080J022"供应商](#)



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 46 case sizes
- 2, 4 and 5 leads available

## Specifications

**Operating Temperature:** -40 °C to 85 °C up to 300 V, -25 °C to 85 °C  $\geq 315$  V  
**Rated Voltage:** 16 Vdc to 500 Vdc  
**Capacitance:** 33  $\mu$ F to 270,000  $\mu$ F  $\pm 20\%$   
**Leakage Current:**  $\leq 3\sqrt{CV}$   $\mu$ A 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 Hz | 2 kHz | 10 kHz & up |
|-------------|-------|-------|--------|--------|-------|-------------|
| 16-100 Vdc  | 0.93  | 0.95  | 1.00   | 1.05   | 1.08  | 1.15        |
| 160-450 Vdc | 0.75  | 0.80  | 1.00   | 1.20   | 1.25  | 1.40        |

**EIA Ripple Life:** 3,000 h @ full load at +85 °C per EIA IS-749

$\Delta$ Capacitance  $\pm 20\%$

ESR 200% of limit

DCL 100% of limit

**Load Life Test:** 3,000 h @ full load at +85 °C

$\Delta$ Capacitance  $\pm 20\%$

ESR 200% of limit

DCL 100% of limit

**Shelf Life:** 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



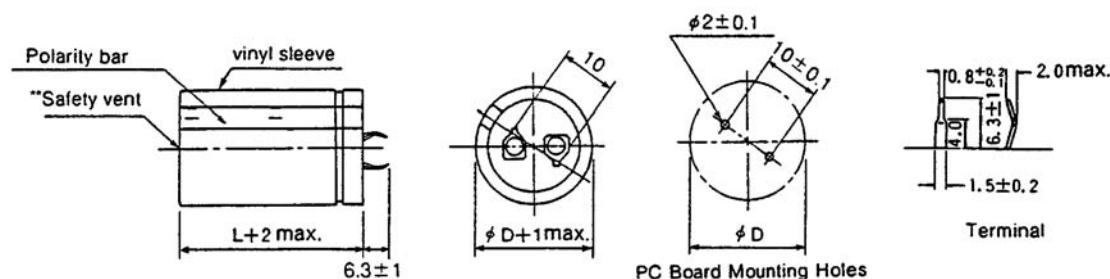
Complies with the EU Directive 2002/95/EC requirement restricting the use of Lead (Pb), Mercury (Hg), Cadmium (Cd), Hexavalent chromium (Cr(VI)), PolyBrominated Biphenyls (PBB) and PolyBrominated Diphenyl Ethers (PBDE).

# Types 380L, 382L, 380LX & 382LX, 85 °C High-Capacitance Snap-In

## Outline Drawings

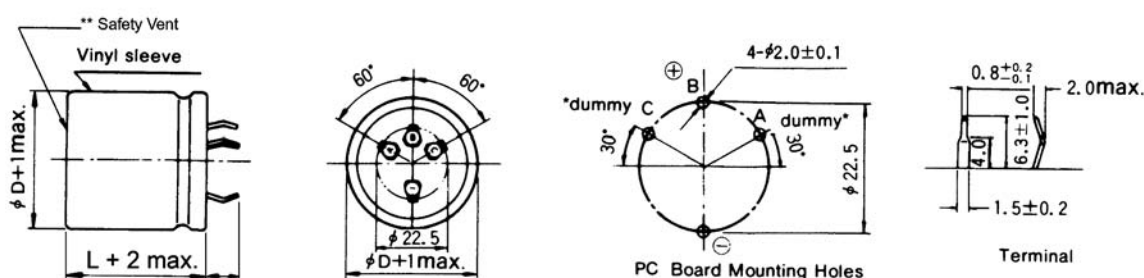
Two Pin "380LX182M080J022" 供应商

380L/LX (22 through 40mm diameter)



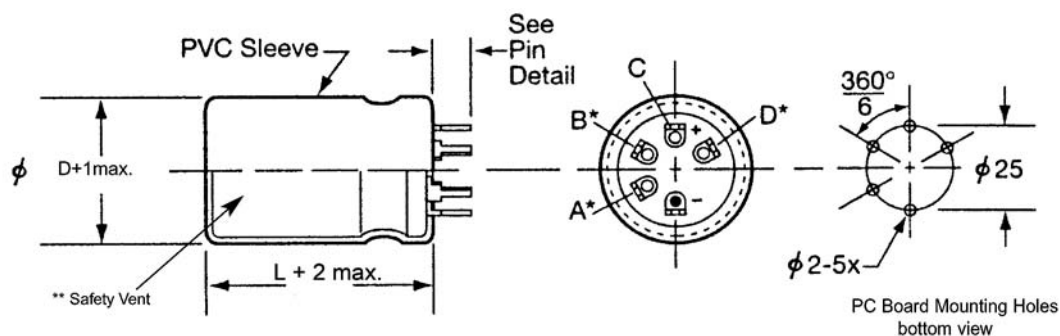
Four Pins

382L/LX (35 and 40mm diameter)



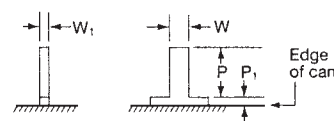
Five Pins

382L/382LX (40 and 50mm diameter)



|          | Connection   |              |
|----------|--------------|--------------|
| Terminal | 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 <sub>1</sub> | W       | W <sub>1</sub> |
|------|----------|----------------|---------|----------------|
| 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.

# Types 380L, 382L, 380LX & 382LX, 85 °C High-Capacitance Snap-In Insulated Case Dimensions

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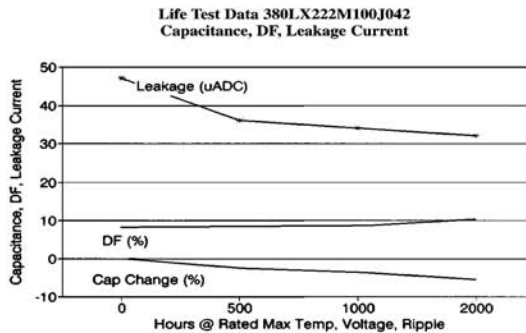
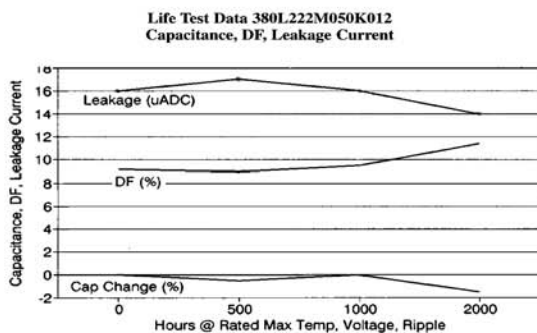
| Case Code | DIAMETER "D" |        | LENGTH "L" |        | Typical Weight (grams) |
|-----------|--------------|--------|------------|--------|------------------------|
|           | mm           | inches | mm         | inches |                        |
| H20       | 22           | 0.87   | 20         | 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                     |

| Case Code | DIAMETER "D" |        | LENGTH "L" |        | Typical Weight (grams) |
|-----------|--------------|--------|------------|--------|------------------------|
|           | mm           | inches | mm         | inches |                        |
| 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

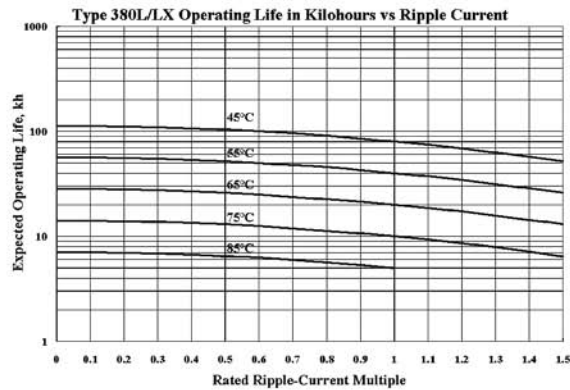
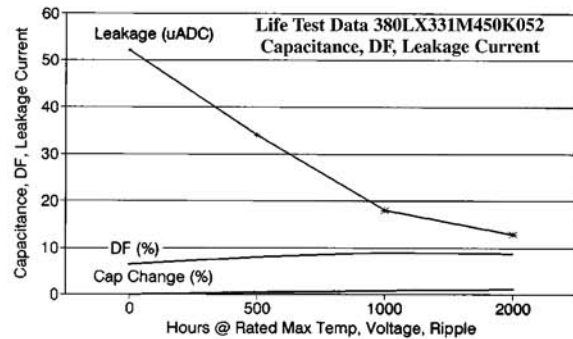
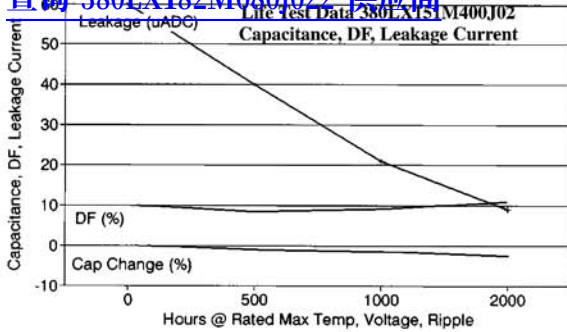
|                     |                |           |               |           |            |                     |
|---------------------|----------------|-----------|---------------|-----------|------------|---------------------|
| 382LX               | 272            | M         | 200           | N05       | 2          | V                   |
| Type                | Capacitance    | Tolerance | Rated Voltage | Case Code | Insulation | 382L & LX # of pins |
| 380L (2 pins)       | 272 = 2700 µF  | M = ±20%  | Vdc           |           | 2 = PVC    | blank = 4 pins      |
| 380LX (2 pins)      | 333 = 33000 µF |           |               |           |            | (35 or 40 mm dia)   |
| 382L (4 or 5 pins)  |                |           |               |           |            | V = 5 pins          |
| 382LX (4 or 5 pins) |                |           |               |           |            | (40 or 50 mm dia)   |

## Typical Performance Curves



# Types 380L, 382L, 380LX & 382LX, 85 °C High-Capacitance Snap-In

查询"380LX182M080J022"供应商



## Ratings

| Cap.                  | Catalog          | Max. ESR      | Ripple Amps   | Nom.              |
|-----------------------|------------------|---------------|---------------|-------------------|
| (μF)                  | Part Number      | Ω @ 25 °C     | Max. @ 85 °C  | D x L             |
|                       |                  | 120 Hz 20 kHz | 120 Hz 20 kHz | (mm)              |
| 16 Vdc (20 Vdc Surge) |                  |               |               |                   |
| 4700                  | 380LX472M016H202 | 0.160         | 0.135         | 1.60 1.80 22 x 20 |
| 4700                  | 380LX472M016H012 | 0.160         | 0.135         | 1.77 2.00 22 x 25 |
| 6800                  | 380LX682M016H012 | 0.110         | 0.092         | 2.60 3.00 22 x 25 |
| 6800                  | 380LX682M016J202 | 0.110         | 0.092         | 1.80 2.10 25 x 20 |
| 8200                  | 380LX822M016H012 | 0.090         | 0.078         | 3.10 3.60 22 x 25 |
| 10000                 | 380LX103M016H022 | 0.075         | 0.062         | 3.80 4.30 22 x 30 |
| 10000                 | 380LX103M016J012 | 0.075         | 0.062         | 3.80 4.30 25 x 25 |
| 10000                 | 380LX103M016K202 | 0.084         | 0.070         | 2.40 2.80 30 x 20 |
| 12000                 | 380LX123M016H022 | 0.062         | 0.052         | 4.50 5.20 22 x 30 |
| 12000                 | 380LX123M016J012 | 0.062         | 0.052         | 4.50 5.20 25 x 25 |
| 15000                 | 380LX153M016H032 | 0.054         | 0.045         | 5.30 6.00 22 x 35 |
| 15000                 | 380LX153M016J022 | 0.054         | 0.045         | 5.30 6.00 25 x 30 |
| 15000                 | 380LX153M016A202 | 0.055         | 0.048         | 3.20 3.70 35 x 20 |
| 18000                 | 380LX183M016H042 | 0.045         | 0.040         | 5.60 6.40 22 x 40 |
| 18000                 | 380LX183M016J022 | 0.045         | 0.040         | 5.60 6.40 25 x 30 |
| 22000                 | 380LX223M016H452 | 0.038         | 0.032         | 6.10 7.00 22 x 45 |
| 22000                 | 380LX223M016J032 | 0.038         | 0.032         | 6.10 7.00 25 x 35 |
| 22000                 | 380LX223M016K022 | 0.038         | 0.032         | 6.10 7.00 30 x 30 |
| 27000                 | 380LX273M016J452 | 0.031         | 0.025         | 6.30 7.30 25 x 45 |
| 27000                 | 380LX273M016K032 | 0.031         | 0.025         | 6.30 7.30 30 x 35 |
| 33000                 | 380LX333M016J052 | 0.025         | 0.021         | 6.80 7.80 25 x 50 |
| 33000                 | 380LX333M016K042 | 0.025         | 0.021         | 6.80 7.90 30 x 40 |
| 33000                 | 380LX333M016A022 | 0.025         | 0.021         | 6.80 7.90 35 x 30 |
| 39000                 | 380LX393M016K452 | 0.022         | 0.018         | 6.95 8.00 30 x 45 |
| 39000                 | 380LX393M016A032 | 0.022         | 0.018         | 6.95 8.00 35 x 35 |

| Cap.                  | Catalog           | Max. ESR      | Ripple Amps   | Nom.                 |
|-----------------------|-------------------|---------------|---------------|----------------------|
| (μF)                  | Part Number       | Ω @ 25 °C     | Max. @ 85 °C  | D x L                |
|                       |                   | 120 Hz 20 kHz | 120 Hz 20 kHz | (mm)                 |
| 16 Vdc (20 Vdc Surge) |                   |               |               |                      |
| 47000                 | 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    |
| 56000                 | 380LX563M016A452  | 0.020         | 0.018         | 8.70 10.00 35 x 45   |
| 56000                 | 382LX563M016N042  | 0.022         | 0.021         | 9.00 10.40 40 x 40   |
| 68000                 | 380LX683M016A052  | 0.018         | 0.017         | 9.00 10.40 35 x 50   |
| 82000                 | 380LX823M016A062  | 0.016         | 0.015         | 10.00 11.50 35 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                | 382LX104M016N062  | 0.018         | 0.017         | 11.40 13.00 40 x 63  |
| 120000                | 380LX124M016A102  | 0.014         | 0.013         | 12.81 14.73 35 x 105 |
| 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                | 382LX274M016B102V | 0.009         | 0.008         | 17.79 20.46 50 x 105 |
| 25 Vdc (32 Vdc Surge) |                   |               |               |                      |
| 3300                  | 380LX332M025H202  | 0.177         | 0.140         | 1.60 1.80 22 x 20    |
| 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    |
| 4700                  | 380LX472M025J202  | 0.125         | 0.100         | 1.80 2.10 25 x 20    |
| 5600                  | 380LX562M025H012  | 0.095         | 0.075         | 2.90 3.30 22 x 25    |
| 6800                  | 380LX682M025H022  | 0.078         | 0.063         | 3.50 4.00 22 x 30    |
| 6800                  | 380LX682M025J012  | 0.078         | 0.063         | 3.50 4.00 25 x 25    |

# Types 380L, 382L, 380LX & 382LX, 85 °C High-Capacitance Snap-In

| Cap.                  | Max. ESR          | Ripple Amps             | Nom.     |
|-----------------------|-------------------|-------------------------|----------|
| Cap.                  | Ω@ 25 °C          | Max. @ 85 °C            | D x L    |
| (μF)                  | Part Number       | 120 Hz20 kHz            | (mm)     |
| 25 Vdc (32 Vdc Surge) |                   |                         |          |
| 6800                  | 380LX682M025K202  | 0.078 0.063 2.30 2.60   | 30 x 20  |
| 8200                  | 380LX822M025H022  | 0.065 0.049 3.60 4.10   | 22 x 30  |
| 8200                  | 380LX822M025J012  | 0.065 0.049 3.60 4.10   | 25 x 25  |
| 10000                 | 380LX103M025H032  | 0.058 0.046 3.80 4.30   | 22 x 35  |
| 10000                 | 380LX103M025J022  | 0.058 0.046 3.80 4.30   | 25 x 30  |
| 10000                 | 380LX103M025K012  | 0.058 0.046 3.80 4.30   | 30 x 25  |
| 10000                 | 380LX103M025A202  | 0.060 0.050 2.70 3.10   | 35 x 20  |
| 12000                 | 380LX123M025H042  | 0.050 0.040 4.10 4.70   | 22 x 40  |
| 12000                 | 380LX123M025J032  | 0.050 0.040 4.10 4.70   | 25 x 35  |
| 12000                 | 380LX123M025K022  | 0.050 0.040 4.10 4.70   | 30 x 30  |
| 15000                 | 380LX153M025H052  | 0.040 0.030 4.60 5.30   | 22 x 50  |
| 15000                 | 380LX153M025J042  | 0.040 0.030 4.60 5.30   | 25 x 40  |
| 15000                 | 380LX153M025K022  | 0.040 0.030 4.60 5.30   | 30 x 30  |
| 18000                 | 380LX183M025J452  | 0.035 0.028 5.50 6.30   | 25 x 45  |
| 18000                 | 380LX183M025K032  | 0.035 0.028 5.50 6.30   | 30 x 35  |
| 22000                 | 380LX223M025J052  | 0.030 0.023 6.10 7.00   | 25 x 50  |
| 22000                 | 380LX223M025K042  | 0.030 0.023 6.10 7.00   | 30 x 40  |
| 27000                 | 380LX273M025K452  | 0.023 0.020 6.20 7.10   | 30 x 45  |
| 27000                 | 380LX273M025A03   | 0.023 0.020 6.20 7.10   | 35 x 35  |
| 33000                 | 380LX333M025K052  | 0.020 0.017 6.80 7.90   | 30 x 50  |
| 33000                 | 380LX333M025A042  | 0.020 0.017 6.80 7.90   | 35 x 40  |
| 33000                 | 382L333M025N042   | 0.026 0.016 7.30 8.00   | 40 x 40  |
| 39000                 | 380LX393M025A452  | 0.020 0.017 7.40 8.50   | 35 x 45  |
| 39000                 | 382LX393M025N042  | 0.020 0.018 8.00 9.20   | 40 x 40  |
| 47000                 | 380LX473M025A052  | 0.017 0.015 8.00 9.20   | 35 x 50  |
| 47000                 | 380L473M025A062   | 0.017 0.009 8.30 9.50   | 35 x 63  |
| 56000                 | 380L563M025A072   | 0.015 0.008 9.10 10.30  | 35 x 70  |
| 56000                 | 382L563M025N062   | 0.015 0.009 9.50 10.30  | 40 x 63  |
| 56000                 | 380LX563M025A062  | 0.015 0.013 8.60 9.90   | 35 x 63  |
| 56000                 | 382LX563M025N052  | 0.016 0.015 9.00 10.30  | 40 x 50  |
| 68000                 | 380LX683M025A082  | 0.013 0.011 10.40 12.00 | 35 x 80  |
| 68000                 | 382LX683M025N062  | 0.017 0.015 10.25 11.80 | 40 x 63  |
| 82000                 | 382LX823M025B052V | 0.016 0.015 12.29 14.13 | 50 x 50  |
| 100000                | 380LX104M025A102  | 0.010 0.008 11.97 13.77 | 35 x 105 |
| 100000                | 382LX104M025B062V | 0.014 0.013 13.45 15.47 | 50 x 63  |
| 100000                | 382LX104M025N082  | 0.012 0.011 12.00 13.40 | 40 x 80  |
| 120000                | 382LX124M025B082V | 0.012 0.011 15.29 17.58 | 50 x 80  |
| 150000                | 382LX154M025N102  | 0.011 0.010 14.07 16.18 | 40 x 105 |
| 150000                | 382LX154M025B092V | 0.011 0.010 16.01 18.41 | 50 x 92  |
| 180000                | 382LX184M025B102V | 0.010 0.009 16.89 19.42 | 50 x 105 |
| 35 Vdc (44 Vdc Surge) |                   |                         |          |
| 2200                  | 380LX222M035H202  | 0.211 0.160 1.40 1.60   | 22 x 20  |
| 2200                  | 380LX222M035H012  | 0.166 0.125 1.50 1.75   | 22 x 25  |
| 3300                  | 380LX332M035H012  | 0.110 0.085 2.30 2.60   | 22 x 25  |
| 3300                  | 380LX332M035J202  | 0.120 0.090 1.70 2.00   | 25 x 20  |
| 3900                  | 380LX392M035H012  | 0.095 0.070 2.70 3.10   | 22 x 25  |
| 4700                  | 380LX472M035H022  | 0.080 0.060 3.30 3.70   | 22 x 30  |

| Cap.                  | Max. ESR          | Ripple Amps             | Nom.     |
|-----------------------|-------------------|-------------------------|----------|
| Cap.                  | Ω@ 25 °C          | Max. @ 85 °C            | D x L    |
| (μF)                  | Part Number       | 120 Hz20 kHz            | (mm)     |
| 35 Vdc (44 Vdc Surge) |                   |                         |          |
| 4700                  | 380LX472M035J012  | 0.080 0.060 3.30 3.70   | 25 x 25  |
| 4700                  | 380LX472M035K202  | 0.090 0.066 2.00 2.30   | 30 x 20  |
| 5600                  | 380LX562M035H022  | 0.083 0.063 3.40 3.90   | 22 x 30  |
| 5600                  | 380LX562M035J012  | 0.083 0.063 3.40 3.90   | 25 x 25  |
| 6800                  | 380LX682M035H032  | 0.068 0.051 3.70 4.20   | 22 x 35  |
| 6800                  | 380LX682M035A202  | 0.070 0.053 2.40 2.80   | 35 x 20  |
| 6800                  | 380LX682M035J022  | 0.069 0.051 3.70 4.20   | 25 x 30  |
| 8200                  | 380LX822M035H042  | 0.057 0.043 4.00 4.60   | 22 x 40  |
| 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                 | 380LX103M035J042  | 0.050 0.037 4.40 5.10   | 25 x 40  |
| 10000                 | 380LX103M035K022  | 0.050 0.037 4.40 5.10   | 30 x 30  |
| 10000                 | 380LX103M035A012  | 0.050 0.037 4.40 5.10   | 35 x 25  |
| 12000                 | 380LX123M035J452  | 0.044 0.033 5.10 5.80   | 25 x 45  |
| 12000                 | 380LX123M035K032  | 0.044 0.033 5.10 5.80   | 30 x 35  |
| 12000                 | 380LX123M035A022  | 0.044 0.033 5.10 5.80   | 35 x 30  |
| 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  | 0.030 0.023 5.70 6.50   | 30 x 45  |
| 18000                 | 380LX183M035A032  | 0.030 0.023 5.70 6.50   | 35 x 35  |
| 22000                 | 380LX223M035K052  | 0.026 0.020 6.10 7.00   | 30 x 50  |
| 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                 | 382LX273M035N042  | 0.021 0.017 6.80 7.90   | 40 x 40  |
| 33000                 | 380LX333M035A052  | 0.018 0.014 7.15 8.22   | 35 x 50  |
| 33000                 | 380L333M035A062   | 0.018 0.009 7.80 8.70   | 35 x 63  |
| 39000                 | 380LX393M035A062  | 0.015 0.012 7.90 9.10   | 35 x 63  |
| 39000                 | 380L393M035A072   | 0.015 0.008 8.60 9.50   | 35 x 70  |
| 39000                 | 382LX393M035N052  | 0.017 0.014 8.00 9.20   | 40 x 50  |
| 47000                 | 380LX473M035A082  | 0.015 0.011 9.50 10.90  | 35 x 80  |
| 47000                 | 382LX473M035N062  | 0.016 0.013 9.60 11.00  | 40 x 63  |
| 56000                 | 382LX563M035B052V | 0.015 0.012 10.94 12.58 | 50 x 50  |
| 56000                 | 382LX563M035N082  | 0.015 0.012 10.30 11.90 | 40 x 80  |
| 68000                 | 380LX683M035A102  | 0.010 0.008 10.62 12.21 | 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 Vdc (63 Vdc Surge) |                   |                         |          |
| 1500                  | 380LX152M050H202  | 0.255 0.200 1.20 1.40   | 22 x 20  |
| 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  |
| 2200                  | 380LX222M050J202  | 0.175 0.130 1.40 1.60   | 25 x 20  |
| 2700                  | 380LX272M050H012  | 0.125 0.095 2.20 2.60   | 22 x 25  |
| 3300                  | 380LX332M050H022  | 0.100 0.075 2.70 3.10   | 22 x 30  |



# Types 380L, 382L, 380LX & 382LX, 85 °C High-Capacitance Snap-In

| Cap.                  | Catalog           | Max. ESR<br>@ 25 °C | Ripple Amps<br>Max. @ 85 °C | Nom.<br>D x L        |
|-----------------------|-------------------|---------------------|-----------------------------|----------------------|
| (µF)                  | Part Number       | 120 Hz20 kHz        | 120 Hz20 kHz                | (mm)                 |
| 50 Vdc (63 Vdc Surge) |                   |                     |                             |                      |
| 3300                  | 380LX332M050J012  | 0.100               | 0.075                       | 2.70 3.10 25 x 25    |
| 3300                  | 380LX332M050K202  | 0.117               | 0.090                       | 1.70 2.00 30 x 20    |
| 3900                  | 380LX392M050H022  | 0.085               | 0.065                       | 2.80 3.20 22 x 30    |
| 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                  | 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    |
| 4700                  | 380LX472M050A202  | 0.080               | 0.060                       | 2.10 2.40 35 x 20    |
| 5600                  | 380LX562M050H042  | 0.060               | 0.045                       | 3.40 3.90 22 x 40    |
| 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                  | 380LX682M050H052  | 0.050               | 0.040                       | 3.90 4.40 22 x 50    |
| 6800                  | 380LX682M050J042  | 0.050               | 0.040                       | 3.90 4.40 25 x 40    |
| 6800                  | 380LX682M050K022  | 0.050               | 0.040                       | 3.90 4.40 30 x 30    |
| 8200                  | 380LX822M050J452  | 0.040               | 0.030                       | 4.40 5.10 25 x 45    |
| 8200                  | 380LX822M050K032  | 0.040               | 0.030                       | 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  | 0.033               | 0.025                       | 5.60 6.40 35 x 35    |
| 15000                 | 380LX153M050K052  | 0.027               | 0.020                       | 6.40 7.40 30 x 50    |
| 15000                 | 380LX153M050A042  | 0.027               | 0.020                       | 6.40 7.40 35 x 40    |
| 18000                 | 380L183M050A062   | 0.018               | 0.010                       | 7.80 8.70 35 x 63    |
| 18000                 | 380LX183M050A452  | 0.022               | 0.017                       | 6.90 7.90 35 x 45    |
| 18000                 | 382LX183M050N042  | 0.023               | 0.017                       | 6.94 7.98 40 x 40    |
| 22000                 | 380L223M050A072   | 0.015               | 0.008                       | 8.60 9.50 35 x 70    |
| 22000                 | 380LX223M050A052  | 0.020               | 0.016                       | 7.60 8.70 35 x 50    |
| 27000                 | 380L273M050A082   | 0.013               | 0.008                       | 9.30 10.10 35 x 80   |
| 27000                 | 382L273M050N062   | 0.018               | 0.009                       | 9.00 9.60 40 x 63    |
| 27000                 | 380LX273M050A062  | 0.018               | 0.015                       | 8.30 9.60 35 x 63    |
| 27000                 | 382LX273M050N052  | 0.018               | 0.015                       | 8.10 9.30 40 x 50    |
| 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                 | 382LX473M050B062V | 0.013               | 0.010                       | 11.54 13.27 50 x 63  |
| 47000                 | 380LX473M050A102  | 0.014               | 0.011                       | 10.27 11.81 35 x 105 |
| 56000                 | 382LX563M050N102  | 0.012               | 0.009                       | 11.47 13.19 40 x 105 |
| 56000                 | 382LX563M050B082V | 0.012               | 0.009                       | 12.46 14.33 50 x 80  |
| 68000                 | 382LX683M050B092V | 0.011               | 0.009                       | 13.17 15.15 50 x 92  |
| 82000                 | 382LX823M050B102V | 0.011               | 0.008                       | 13.87 15.95 50 x 105 |
| 63 Vdc (79 Vdc Surge) |                   |                     |                             |                      |
| 1000                  | 380LX102M063H202  | 0.380               | 0.290                       | 1.20 1.40 22 x 20    |
| 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    |
| 1500                  | 380LX152M063J202  | 0.250               | 0.190                       | 1.30 1.50 25 x 20    |
| 2200                  | 380LX222M063H022  | 0.151               | 0.114                       | 2.50 2.90 22 x 30    |

| Cap.                   | Catalog           | Max. ESR<br>@ 25 °C | Ripple Amps<br>Max. @ 85 °C | Nom.<br>D x L        |
|------------------------|-------------------|---------------------|-----------------------------|----------------------|
| (µF)                   | Part Number       | 120 Hz20 kHz        | 120 Hz20 kHz                | (mm)                 |
| 63 Vdc (79 Vdc Surge)  |                   |                     |                             |                      |
| 2200                   | 380LX222M063J012  | 0.151               | 0.114                       | 2.50 2.90 25 x 25    |
| 2200                   | 380LX222M063K202  | 0.170               | 0.130                       | 1.50 1.70 30 x 20    |
| 2700                   | 380LX272M063H032  | 0.123               | 0.093                       | 3.70 4.30 22 x 35    |
| 2700                   | 380LX272M063J022  | 0.123               | 0.093                       | 3.70 4.30 25 x 30    |
| 3300                   | 380LX332M063H042  | 0.110               | 0.080                       | 4.10 4.70 22 x 40    |
| 3300                   | 380LX332M063J022  | 0.110               | 0.080                       | 4.10 4.70 25 x 30    |
| 3300                   | 380LX332M063K012  | 0.110               | 0.080                       | 4.10 4.70 30 x 25    |
| 3300                   | 380LX332M063A202  | 0.125               | 0.095                       | 1.70 2.00 35 x 20    |
| 3900                   | 380LX392M063H452  | 0.100               | 0.075                       | 4.40 5.10 22 x 45    |
| 3900                   | 380LX392M063J032  | 0.100               | 0.075                       | 4.40 5.10 25 x 35    |
| 3900                   | 380LX392M063K022  | 0.100               | 0.075                       | 4.40 5.10 30 x 30    |
| 4700                   | 380LX472M063H052  | 0.080               | 0.060                       | 4.90 5.60 22 x 50    |
| 4700                   | 380LX472M063J042  | 0.080               | 0.060                       | 4.90 5.60 25 x 40    |
| 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                   | 380LX562M063A022  | 0.070               | 0.050                       | 5.40 6.20 35 x 30    |
| 5600                   | 380LX562M063J452  | 0.070               | 0.050                       | 5.40 6.20 25 x 45    |
| 5600                   | 380LX562M063K032  | 0.070               | 0.050                       | 5.40 6.20 30 x 35    |
| 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    |
| 6800                   | 380LX682M063A022  | 0.060               | 0.045                       | 5.80 6.70 35 x 30    |
| 8200                   | 380LX822M063K452  | 0.050               | 0.040                       | 6.00 6.90 30 x 45    |
| 8200                   | 380LX822M063A032  | 0.050               | 0.040                       | 6.00 6.90 35 x 35    |
| 10000                  | 382L103M063N042   | 0.028               | 0.017                       | 6.60 7.20 40 x 40    |
| 10000                  | 380LX103M063A042  | 0.033               | 0.025                       | 6.50 7.50 35 x 40    |
| 12000                  | 380L123M063A062   | 0.019               | 0.010                       | 7.70 8.60 35 x 63    |
| 12000                  | 380LX123M063A052  | 0.028               | 0.021                       | 7.20 8.30 35 x 50    |
| 12000                  | 382LX123M063N042  | 0.035               | 0.028                       | 7.15 8.22 40 x 40    |
| 15000                  | 380L153M063A072   | 0.016               | 0.009                       | 8.50 9.40 35 x 70    |
| 15000                  | 380LX153M063A062  | 0.028               | 0.021                       | 7.70 8.90 35 x 63    |
| 18000                  | 380LX183M063A082  | 0.023               | 0.012                       | 9.40 10.80 35 x 80   |
| 18000                  | 382LX183M063N062  | 0.028               | 0.022                       | 9.25 10.60 40 x 63   |
| 27000                  | 382LX273M063N082  | 0.018               | 0.015                       | 10.00 11.50 40 x 80  |
| 27000                  | 380LX273M063A102  | 0.015               | 0.012                       | 10.38 11.94 35 x 105 |
| 27000                  | 382LX273M063B052V | 0.018               | 0.015                       | 10.86 12.49 50 x 50  |
| 33000                  | 382LX333M063N102  | 0.015               | 0.012                       | 11.76 13.52 40 x 105 |
| 33000                  | 382LX333M063B062V | 0.017               | 0.013                       | 11.57 13.42 50 x 63  |
| 47000                  | 382LX473M063B082V | 0.013               | 0.010                       | 12.78 14.70 50 x 80  |
| 51000                  | 382LX513M063B092V | 0.012               | 0.010                       | 13.34 15.34 50 x 92  |
| 56000                  | 382LX563M063B102V | 0.012               | 0.009                       | 13.93 16.02 50 x 105 |
| 80 Vdc (100 Vdc Surge) |                   |                     |                             |                      |
| 680                    | 380LX681M080H202  | 0.450               | 0.330                       | 1.00 1.20 22 x 20    |
| 680                    | 380LX681M080H012  | 0.390               | 0.295                       | 1.00 1.20 22 x 25    |
| 1000                   | 380LX102M080H012  | 0.265               | 0.200                       | 1.50 1.75 22 x 25    |
| 1000                   | 380LX102M080J202  | 0.300               | 0.225                       | 1.20 1.40 25 x 20    |
| 1200                   | 380LX122M080H012  | 0.220               | 0.170                       | 1.80 2.10 22 x 25    |
| 1500                   | 380LX152M080H022  | 0.177               | 0.134                       | 2.30 2.60 22 x 30    |

# Types 380L, 382L, 380LX & 382LX, 85 °C High-Capacitance Snap-In

| 查询"380LX182M080J022"供应商 |                   |                       |        |                             |        |               |
|-------------------------|-------------------|-----------------------|--------|-----------------------------|--------|---------------|
| Cap.                    | Catalog           | Max. ESR<br>Ω @ 25 °C |        | Ripple Amps<br>Max. @ 85 °C |        | Nom.<br>D x L |
| (μF)                    | Part Number       | 120 Hz                | 20 kHz | 120 Hz                      | 20 kHz | (mm)          |
| 80 Vdc (100 Vdc Surge)  |                   |                       |        |                             |        |               |
| 1500                    | 380LX152M080J012  | 0.177                 | 0.134  | 2.30                        | 2.60   | 25 x 25       |
| 1500                    | 380LX152M080K202  | 0.200                 | 0.150  | 1.40                        | 1.60   | 30 x 20       |
| 1800                    | 380LX182M080H032  | 0.147                 | 0.109  | 2.50                        | 2.90   | 22 x 35       |
| 1800                    | 380LX182M080J022  | 0.147                 | 0.109  | 2.50                        | 2.90   | 25 x 30       |
| 2200                    | 380LX222M080H042  | 0.121                 | 0.092  | 2.70                        | 3.10   | 22 x 40       |
| 2200                    | 380LX222M080J022  | 0.121                 | 0.092  | 2.70                        | 3.10   | 25 x 30       |
| 2200                    | 380LX222M080K012  | 0.121                 | 0.092  | 2.70                        | 3.10   | 30 x 25       |
| 2200                    | 380LX222M080A202  | 0.135                 | 0.100  | 1.70                        | 2.00   | 35 x 20       |
| 2700                    | 380LX272M080H452  | 0.098                 | 0.075  | 2.80                        | 3.20   | 22 x 45       |
| 2700                    | 380LX272M080J032  | 0.098                 | 0.075  | 2.80                        | 3.20   | 25 x 35       |
| 2700                    | 380LX272M080K022  | 0.098                 | 0.075  | 2.80                        | 3.20   | 30 x 30       |
| 3300                    | 380LX332M080H052  | 0.085                 | 0.065  | 3.20                        | 3.70   | 22 x 50       |
| 3300                    | 380LX332M080J042  | 0.085                 | 0.065  | 3.20                        | 3.70   | 25 x 40       |
| 3300                    | 380LX332M080K022  | 0.085                 | 0.065  | 3.20                        | 3.70   | 30 x 30       |
| 3900                    | 380LX392M080J452  | 0.080                 | 0.060  | 3.60                        | 4.10   | 25 x 45       |
| 3900                    | 380LX392M080K032  | 0.080                 | 0.060  | 3.60                        | 4.10   | 30 x 35       |
| 4700                    | 380LX472M080J052  | 0.065                 | 0.050  | 4.10                        | 4.70   | 25 x 50       |
| 4700                    | 380LX472M080K042  | 0.065                 | 0.050  | 4.10                        | 4.70   | 30 x 40       |
| 5600                    | 380LX562M080K452  | 0.055                 | 0.040  | 4.60                        | 5.20   | 30 x 45       |
| 5600                    | 380LX562M080A032  | 0.055                 | 0.040  | 4.60                        | 5.20   | 35 x 35       |
| 6800                    | 380LX682M080K052  | 0.045                 | 0.035  | 5.20                        | 5.90   | 30 x 50       |
| 6800                    | 380LX682M080A042  | 0.045                 | 0.035  | 5.20                        | 5.90   | 35 x 40       |
| 8200                    | 380LX822M080A052  | 0.040                 | 0.030  | 5.80                        | 6.70   | 35 x 50       |
| 8200                    | 382LX822M080N042  | 0.040                 | 0.030  | 5.83                        | 6.70   | 40 x 40       |
| 10000                   | 380LX103M080A062  | 0.033                 | 0.025  | 6.40                        | 7.34   | 35 x 63       |
| 12000                   | 380L123M080A072   | 0.020                 | 0.012  | 8.10                        | 9.00   | 35 x 70       |
| 12000                   | 382L123M080N052   | 0.025                 | 0.016  | 7.50                        | 8.00   | 40 x 50       |
| 15000                   | 380L153M080A082   | 0.017                 | 0.010  | 8.80                        | 9.60   | 35 x 80       |
| 15000                   | 382L153M080N062   | 0.020                 | 0.013  | 8.50                        | 9.20   | 40 x 63       |
| 18000                   | 382L183M080N082   | 0.014                 | 0.009  | 10.30                       | 10.80  | 40 x 80       |
| 18000                   | 382LX183M080B052V | 0.023                 | 0.017  | 10.00                       | 11.50  | 50 x 50       |
| 22000                   | 380LX223M080A102  | 0.015                 | 0.011  | 9.86                        | 11.34  | 35 x 105      |
| 22000                   | 382LX223M080B062V | 0.019                 | 0.014  | 11.08                       | 12.74  | 50 x 63       |
| 27000                   | 382LX273M080N102  | 0.015                 | 0.012  | 11.35                       | 13.05  | 40 x 105      |
| 27000                   | 382LX273M080B082V | 0.015                 | 0.012  | 12.33                       | 14.18  | 50 x 80       |
| 33000                   | 382LX333M080B092V | 0.014                 | 0.010  | 13.37                       | 15.38  | 50 x 92       |
| 39000                   | 382LX393M080B102V | 0.013                 | 0.010  | 14.34                       | 16.49  | 50 x 105      |
| 100 Vdc (125 Vdc Surge) |                   |                       |        |                             |        |               |
| 470                     | 380LX471M100H202  | 0.450                 | 0.300  | 1.00                        | 1.20   | 22 x 20       |
| 470                     | 380LX471M100H012  | 0.450                 | 0.300  | 1.10                        | 1.30   | 22 x 25       |
| 560                     | 380LX561M100H012  | 0.400                 | 0.250  | 1.30                        | 1.50   | 22 x 25       |
| 680                     | 380LX681M100H012  | 0.320                 | 0.210  | 1.60                        | 1.85   | 22 x 25       |
| 680                     | 380LX681M100J202  | 0.390                 | 0.295  | 1.10                        | 1.30   | 25 x 20       |
| 1000                    | 380LX102M100H022  | 0.220                 | 0.150  | 2.00                        | 2.30   | 22 x 30       |
| 1000                    | 380LX102M100J012  | 0.220                 | 0.150  | 2.00                        | 2.30   | 25 x 25       |
| 1000                    | 380LX102M100K202  | 0.250                 | 0.165  | 1.20                        | 1.40   | 30 x 20       |

| Cap.                    | Catalog           | Max. ESR<br>Ω @ 25 °C |        | Ripple Amps<br>Max. @ 85 °C |        | Nom.<br>D x L |
|-------------------------|-------------------|-----------------------|--------|-----------------------------|--------|---------------|
| (μF)                    | Part Number       | 120 Hz                | 20 kHz | 120 Hz                      | 20 kHz | (mm)          |
| 100 Vdc (125 Vdc Surge) |                   |                       |        |                             |        |               |
| 1200                    | 380LX122M100H032  | 0.195                 | 0.125  | 2.30                        | 2.70   | 22 x 35       |
| 1200                    | 380LX122M100J022  | 0.180                 | 0.120  | 2.30                        | 2.70   | 25 x 30       |
| 1500                    | 380LX152M100H042  | 0.155                 | 0.100  | 2.60                        | 3.00   | 22 x 40       |
| 1500                    | 380LX152M100J022  | 0.155                 | 0.100  | 2.60                        | 3.00   | 25 x 30       |
| 1500                    | 380LX152M100K012  | 0.155                 | 0.100  | 2.60                        | 3.00   | 30 x 25       |
| 1500                    | 380LX152M100A202  | 0.177                 | 0.120  | 1.50                        | 1.70   | 35 x 20       |
| 1800                    | 380LX182M100H452  | 0.130                 | 0.085  | 2.80                        | 3.30   | 22 x 45       |
| 1800                    | 380LX182M100J032  | 0.140                 | 0.090  | 2.80                        | 3.30   | 25 x 35       |
| 1800                    | 380LX182M100K022  | 0.140                 | 0.090  | 2.80                        | 3.30   | 30 x 30       |
| 2200                    | 380LX222M100H052  | 0.121                 | 0.080  | 3.10                        | 3.60   | 22 x 50       |
| 2200                    | 380LX222M100J042  | 0.121                 | 0.080  | 3.10                        | 3.60   | 25 x 40       |
| 2200                    | 380LX222M100K022  | 0.121                 | 0.080  | 3.10                        | 3.60   | 30 x 30       |
| 2200                    | 380LX222M100A012  | 0.121                 | 0.078  | 3.14                        | 3.61   | 35 x 25       |
| 2700                    | 380LX272M100J452  | 0.104                 | 0.068  | 3.70                        | 4.30   | 25 x 45       |
| 2700                    | 380LX272M100K032  | 0.104                 | 0.068  | 3.70                        | 4.30   | 30 x 35       |
| 2700                    | 380LX272M100A022  | 0.104                 | 0.068  | 3.70                        | 4.30   | 35 x 30       |
| 3300                    | 380LX332M100J052  | 0.090                 | 0.060  | 4.10                        | 4.70   | 25 x 50       |
| 3300                    | 380LX332M100K042  | 0.090                 | 0.060  | 4.10                        | 4.70   | 30 x 40       |
| 3900                    | 380LX392M100K452  | 0.080                 | 0.050  | 4.50                        | 5.20   | 30 x 45       |
| 3900                    | 380LX392M100A032  | 0.080                 | 0.050  | 4.50                        | 5.20   | 35 x 35       |
| 4700                    | 380LX472M100K052  | 0.070                 | 0.050  | 5.10                        | 5.90   | 30 x 50       |
| 4700                    | 380LX472M100A042  | 0.070                 | 0.050  | 5.10                        | 5.90   | 35 x 40       |
| 5600                    | 382LX562M100N042  | 0.060                 | 0.045  | 5.80                        | 6.60   | 40 x 40       |
| 5600                    | 380LX562M100A452  | 0.060                 | 0.040  | 5.80                        | 6.60   | 35 x 45       |
| 6800                    | 380LX682M100A052  | 0.050                 | 0.040  | 6.60                        | 7.60   | 35 x 50       |
| 6800                    | 380L682M100A062   | 0.024                 | 0.014  | 7.20                        | 8.10   | 35 x 63       |
| 6800                    | 382L682M100N052   | 0.026                 | 0.017  | 7.40                        | 7.90   | 40 x 50       |
| 8200                    | 380LX822M100A062  | 0.040                 | 0.030  | 7.00                        | 8.10   | 35 x 63       |
| 8200                    | 380L822M100A072   | 0.021                 | 0.012  | 8.00                        | 8.90   | 35 x 70       |
| 8200                    | 382LX822M100N052  | 0.040                 | 0.030  | 7.30                        | 8.40   | 40 x 50       |
| 8200                    | 382L822M100N062   | 0.021                 | 0.013  | 8.40                        | 9.10   | 40 x 63       |
| 10000                   | 380LX103M100A082  | 0.033                 | 0.025  | 8.70                        | 9.60   | 35 x 80       |
| 10000                   | 382LX103M100N062  | 0.033                 | 0.025  | 8.00                        | 9.20   | 40 x 63       |
| 10000                   | 382LX103M100B052V | 0.033                 | 0.025  | 8.82                        | 10.14  | 50 x 50       |
| 12000                   | 382LX123M100N082  | 0.028                 | 0.021  | 8.65                        | 10.00  | 40 x 80       |
| 12000                   | 380LX123M100A102  | 0.028                 | 0.021  | 8.57                        | 9.86   | 35 x 105      |
| 15000                   | 382LX153M100N102  | 0.022                 | 0.017  | 10.12                       | 11.64  | 40 x 105      |
| 15000                   | 382LX153M100B062V | 0.022                 | 0.017  | 10.07                       | 11.58  | 50 x 63       |
| 18000                   | 382LX183M100B082V | 0.018                 | 0.014  | 11.00                       | 12.65  | 50 x 80       |
| 22000                   | 382LX223M100B092V | 0.015                 | 0.011  | 11.76                       | 13.52  | 50 x 92       |
| 27000                   | 382LX273M100B102V | 0.014                 | 0.010  | 12.53                       | 14.41  | 50 x 105      |
| 160 Vdc (200 Vdc Surge) |                   |                       |        |                             |        |               |
| 220                     | 380LX221M160H202  | 1.000                 | 0.500  | 0.80                        | 1.10   | 22 x 20       |
| 220                     | 380LX221M160H012  | 0.850                 | 0.420  | 0.90                        | 1.25   | 22 x 25       |
| 270                     | 380LX271M160H012  | 0.700                 | 0.340  | 1.20                        | 1.65   | 22 x 25       |
| 270                     | 380LX271M160J202  | 0.800                 | 0.400  | 0.90                        | 1.20   | 25 x 20       |

# Types 380L, 382L, 380LX & 382LX, 85 °C High-Capacitance Snap-In

| Cap.                    | Catalog           | Max. ESR<br>Ω @ 25 °C |        | Ripple Amps<br>Max. @ 85 °C |        | Nom.<br>D x L |
|-------------------------|-------------------|-----------------------|--------|-----------------------------|--------|---------------|
| (μF)                    | Part Number       | 120 Hz                | 20 kHz | 120 Hz                      | 20 kHz | (mm)          |
| 160 Vdc (200 Vdc Surge) |                   |                       |        |                             |        |               |
| 330                     | 380LX331M160H012  | 0.603                 | 0.308  | 1.50                        | 2.00   | 22 x 25       |
| 390                     | 380LX391M160H012  | 0.470                 | 0.240  | 1.60                        | 2.30   | 22 x 25       |
| 390                     | 380LX391M160H022  | 0.470                 | 0.240  | 1.60                        | 2.30   | 22 x 30       |
| 390                     | 380LX391M160J012  | 0.470                 | 0.240  | 1.60                        | 2.30   | 25 x 25       |
| 390                     | 380LX391M160K202  | 0.600                 | 0.300  | 1.10                        | 1.50   | 30 x 20       |
| 470                     | 380LX471M160H022  | 0.423                 | 0.216  | 2.10                        | 3.00   | 22 x 30       |
| 470                     | 380LX471M160J012  | 0.423                 | 0.216  | 2.10                        | 3.00   | 25 x 25       |
| 560                     | 380LX561M160H022  | 0.355                 | 0.178  | 2.25                        | 3.15   | 22 x 30       |
| 560                     | 380LX561M160J012  | 0.355                 | 0.178  | 2.25                        | 3.15   | 25 x 25       |
| 560                     | 380LX561M160A202  | 0.420                 | 0.210  | 1.30                        | 1.80   | 35 x 20       |
| 680                     | 380LX681M160H032  | 0.293                 | 0.146  | 2.50                        | 3.50   | 22 x 35       |
| 680                     | 380LX681M160J022  | 0.293                 | 0.146  | 2.50                        | 3.50   | 25 x 30       |
| 680                     | 380LX681M160K012  | 0.293                 | 0.149  | 2.50                        | 3.50   | 30 x 25       |
| 820                     | 380LX821M160H042  | 0.260                 | 0.130  | 2.50                        | 3.50   | 22 x 40       |
| 820                     | 380LX821M160H452  | 0.260                 | 0.130  | 2.80                        | 3.90   | 22 x 45       |
| 820                     | 380LX821M160J032  | 0.260                 | 0.130  | 2.80                        | 3.90   | 25 x 35       |
| 820                     | 380LX821M160K012  | 0.260                 | 0.130  | 2.75                        | 3.85   | 30 x 25       |
| 1000                    | 380LX102M160H452  | 0.220                 | 0.110  | 3.00                        | 4.20   | 22 x 45       |
| 1000                    | 380LX102M160J042  | 0.220                 | 0.110  | 3.00                        | 4.20   | 25 x 40       |
| 1000                    | 380LX102M160K022  | 0.220                 | 0.110  | 3.00                        | 4.20   | 30 x 30       |
| 1200                    | 380LX122M160J052  | 0.210                 | 0.115  | 3.25                        | 4.55   | 25 x 50       |
| 1200                    | 380LX102M160K032  | 0.210                 | 0.115  | 3.25                        | 4.55   | 30 x 35       |
| 1200                    | 380LX122M160A022  | 0.210                 | 0.115  | 3.25                        | 4.55   | 35 x 30       |
| 1500                    | 380LX152M160J052  | 0.170                 | 0.090  | 3.70                        | 5.20   | 25 x 50       |
| 1500                    | 380LX152M160K032  | 0.170                 | 0.090  | 3.70                        | 5.20   | 30 x 35       |
| 1500                    | 380LX152M160A022  | 0.166                 | 0.091  | 3.73                        | 5.22   | 35 x 30       |
| 1800                    | 380LX182M160K052  | 0.140                 | 0.085  | 4.20                        | 5.90   | 30 x 50       |
| 1800                    | 380LX182M160A032  | 0.140                 | 0.085  | 4.20                        | 5.90   | 35 x 35       |
| 2200                    | 380LX222M160K052  | 0.105                 | 0.053  | 4.78                        | 6.69   | 30 x 50       |
| 2200                    | 380LX222M160A042  | 0.115                 | 0.075  | 4.78                        | 6.69   | 35 x 40       |
| 2700                    | 380LX272M160A052  | 0.090                 | 0.060  | 5.50                        | 7.60   | 35 x 50       |
| 2700                    | 382LX272M160N042  | 0.080                 | 0.045  | 5.50                        | 7.60   | 40 x 40       |
| 3300                    | 380LX332M160A062  | 0.065                 | 0.040  | 6.30                        | 8.80   | 35 x 63       |
| 3300                    | 380LX332M160N052  | 0.065                 | 0.040  | 6.30                        | 8.80   | 40 x 50       |
| 3900                    | 380LX392M160A082  | 0.055                 | 0.030  | 7.30                        | 10.20  | 35 x 80       |
| 3900                    | 380LX392M160N062  | 0.055                 | 0.030  | 7.30                        | 10.20  | 40 x 63       |
| 4700                    | 382L472M160N082   | 0.036                 | 0.020  | 6.60                        | 8.50   | 40 x 80       |
| 5600                    | 382LX562M160N082  | 0.040                 | 0.020  | 8.30                        | 11.70  | 40 x 80       |
| 5600                    | 382LX562M160B052V | 0.040                 | 0.020  | 8.25                        | 9.50   | 50 x 50       |
| 6800                    | 380LX682M160A102  | 0.032                 | 0.017  | 9.10                        | 12.70  | 35 x 105      |
| 8200                    | 382LX822M160B062V | 0.026                 | 0.015  | 8.90                        | 12.50  | 50 x 63       |
| 10000                   | 382LX103M160N102  | 0.022                 | 0.012  | 9.90                        | 13.80  | 40 x 105      |
| 10000                   | 382LX103M160B082V | 0.022                 | 0.012  | 9.80                        | 13.70  | 50 x 80       |
| 12000                   | 382LX123M160B092V | 0.018                 | 0.010  | 12.90                       | 18.10  | 50 x 92       |
| 15000                   | 382LX153M160B092V | 0.014                 | 0.008  | 14.10                       | 19.70  | 50 x 105      |

| Cap.                    | Catalog          | Max. ESR<br>Ω @ 25 °C |        | Ripple Amps<br>Max. @ 85 °C |        | Nom.<br>D x L |
|-------------------------|------------------|-----------------------|--------|-----------------------------|--------|---------------|
| (μF)                    | Part Number      | 120 Hz                | 20 kHz | 120 Hz                      | 20 kHz | (mm)          |
| 180 Vdc (225 Vdc Surge) |                  |                       |        |                             |        |               |
| 330                     | 380LX331M180H012 | 0.603                 | 0.308  | 1.80                        | 2.50   | 22 x 25       |
| 390                     | 380LX391M180H022 | 0.510                 | 0.260  | 1.20                        | 1.60   | 22 x 30       |
| 390                     | 380LX391M180J012 | 0.510                 | 0.260  | 1.20                        | 1.60   | 25 x 25       |
| 470                     | 380LX471M180H032 | 0.423                 | 0.216  | 2.10                        | 2.90   | 22 x 35       |
| 470                     | 380LX471M180J012 | 0.423                 | 0.216  | 2.10                        | 2.90   | 25 x 25       |
| 560                     | 380LX561M180H032 | 0.355                 | 0.181  | 2.30                        | 3.20   | 22 x 35       |
| 560                     | 380LX561M180J022 | 0.355                 | 0.181  | 2.30                        | 3.20   | 25 x 30       |
| 680                     | 380LX681M180H042 | 0.293                 | 0.149  | 2.50                        | 3.50   | 22 x 40       |
| 680                     | 380LX681M180J032 | 0.293                 | 0.149  | 2.50                        | 3.50   | 25 x 35       |
| 680                     | 380LX681M180K022 | 0.293                 | 0.149  | 2.50                        | 3.50   | 30 x 30       |
| 820                     | 380LX821M180H452 | 0.243                 | 0.124  | 2.80                        | 3.90   | 22 x 45       |
| 820                     | 380LX821M180J042 | 0.243                 | 0.124  | 2.80                        | 3.90   | 25 x 40       |
| 820                     | 380LX821M180K022 | 0.243                 | 0.124  | 2.80                        | 3.90   | 30 x 30       |
| 1000                    | 380LX102M180J452 | 0.199                 | 0.102  | 3.00                        | 4.20   | 25 x 45       |
| 1000                    | 380LX102M180K032 | 0.199                 | 0.102  | 3.00                        | 4.20   | 30 x 35       |
| 1200                    | 380LX122M180J052 | 0.166                 | 0.085  | 3.30                        | 4.60   | 25 x 50       |
| 1200                    | 380LX122M180K042 | 0.166                 | 0.085  | 3.30                        | 4.60   | 30 x 40       |
| 1200                    | 380LX122M180A032 | 0.166                 | 0.085  | 3.30                        | 4.60   | 35 x 35       |
| 1500                    | 380LX152M180K452 | 0.133                 | 0.068  | 3.80                        | 5.40   | 30 x 45       |
| 1500                    | 380LX152M180A042 | 0.133                 | 0.068  | 3.80                        | 5.40   | 35 x 40       |
| 1800                    | 380LX182M180K052 | 0.111                 | 0.057  | 4.30                        | 6.00   | 30 x 50       |
| 1800                    | 380LX182M180A042 | 0.111                 | 0.057  | 4.30                        | 6.00   | 35 x 40       |
| 2200                    | 380LX222M180A052 | 0.090                 | 0.046  | 4.90                        | 6.90   | 35 x 50       |
| 2700                    | 382L272M180N062  | 0.051                 | 0.027  | 5.00                        | 6.50   | 40 x 63       |
| 2700                    | 380L272M180A072  | 0.054                 | 0.027  | 4.80                        | 6.20   | 35 x 70       |
| 3300                    | 380L332M180A082  | 0.046                 | 0.023  | 5.40                        | 7.10   | 35 x 80       |
| 4700                    | 382L472M180N082  | 0.036                 | 0.020  | 6.60                        | 8.50   | 40 x 80       |
| 200 Vdc (250 Vdc Surge) |                  |                       |        |                             |        |               |
| 150                     | 380LX151M200H202 | 1.330                 | 0.600  | 0.65                        | 0.90   | 22 x 20       |
| 150                     | 380LX151M200H012 | 1.220                 | 0.550  | 0.70                        | 1.00   | 22 x 25       |
| 220                     | 380LX221M200H012 | 0.083                 | 0.380  | 1.00                        | 1.45   | 22 x 25       |
| 220                     | 380LX221M200J202 | 0.905                 | 0.410  | 0.90                        | 1.20   | 25 x 20       |
| 270                     | 380LX271M200H012 | 0.610                 | 0.280  | 1.40                        | 2.00   | 22 x 25       |
| 330                     | 380LX331M200H012 | 0.550                 | 0.250  | 1.60                        | 2.20   | 22 x 25       |
| 330                     | 380LX331M200K202 | 0.603                 | 0.308  | 1.00                        | 1.40   | 30 x 20       |
| 390                     | 380LX391M200H022 | 0.470                 | 0.210  | 1.70                        | 2.40   | 22 x 30       |
| 390                     | 380LX391M200J012 | 0.470                 | 0.210  | 1.70                        | 2.40   | 25 x 25       |
| 470                     | 380LX471M200H032 | 0.390                 | 0.180  | 1.90                        | 2.60   | 22 x 35       |
| 470                     | 380LX471M200J022 | 0.390                 | 0.180  | 1.90                        | 2.60   | 25 x 30       |
| 470                     | 380LX471M200K012 | 0.423                 | 0.216  | 1.90                        | 2.60   | 30 x 25       |
| 470                     | 380LX471M200A202 | 0.460                 | 0.210  | 1.30                        | 1.80   | 35 x 20       |
| 560                     | 380LX561M200H042 | 0.330                 | 0.150  | 2.40                        | 3.40   | 22 x 40       |
| 560                     | 380LX561M200J022 | 0.330                 | 0.150  | 2.43                        | 3.40   | 25 x 30       |
| 560                     | 380LX561M200K012 | 0.330                 | 0.150  | 2.40                        | 3.40   | 30 x 25       |
| 680                     | 380LX681M200H452 | 0.270                 | 0.120  | 2.70                        | 3.80   | 22 x 45       |



# Types 380L, 382L, 380LX & 382LX, 85 °C High-Capacitance Snap-In

| Cap.                    | Catalog           | Max. ESR<br>Ω @ 25 °C |        | Ripple Amps<br>Max. @ 85 °C |        | Nom.<br>D x L<br>(mm) |
|-------------------------|-------------------|-----------------------|--------|-----------------------------|--------|-----------------------|
| (μF)                    | Part Number       | 120 Hz                | 20 kHz | 120 Hz                      | 20 kHz | (mm)                  |
| 200 Vdc (250 Vdc Surge) |                   |                       |        |                             |        |                       |
| 680                     | 380LX681M200J032  | 0.270                 | 0.120  | 2.70                        | 3.80   | 25 x 35               |
| 680                     | 380LX681M200K022  | 0.270                 | 0.120  | 2.70                        | 3.80   | 30 x 30               |
| 820                     | 380LX821M200J452  | 0.220                 | 0.100  | 2.90                        | 4.10   | 25 x 45               |
| 820                     | 380LX821M200K022  | 0.220                 | 0.100  | 2.90                        | 4.10   | 30 x 30               |
| 820                     | 380LX821M200A012  | 0.243                 | 0.124  | 2.90                        | 4.10   | 35 x 25               |
| 1000                    | 380LX102M200J452  | 0.199                 | 0.090  | 3.25                        | 4.55   | 25 x 45               |
| 1000                    | 380LX102M200K032  | 0.199                 | 0.090  | 3.25                        | 4.55   | 30 x 35               |
| 1000                    | 380LX102M200A022  | 0.199                 | 0.102  | 3.30                        | 4.60   | 35 x 30               |
| 1200                    | 380LX122M200K042  | 0.166                 | 0.075  | 3.50                        | 4.90   | 30 x 40               |
| 1200                    | 380LX122M200A022  | 0.166                 | 0.075  | 3.50                        | 4.90   | 35 x 30               |
| 1500                    | 380LX152M200K452  | 0.144                 | 0.072  | 3.87                        | 5.42   | 30 x 45               |
| 1500                    | 380LX152M200A032  | 0.144                 | 0.072  | 3.87                        | 5.42   | 35 x 35               |
| 1800                    | 380LX182M200K052  | 0.120                 | 0.060  | 4.32                        | 6.05   | 30 x 50               |
| 1800                    | 380LX182M200A042  | 0.120                 | 0.060  | 4.32                        | 6.05   | 35 x 40               |
| 2200                    | 380LX222M200A452  | 0.098                 | 0.054  | 4.92                        | 6.89   | 35 x 45               |
| 2200                    | 382LX222M200N042  | 0.098                 | 0.054  | 4.92                        | 6.89   | 40 x 40               |
| 2700                    | 380LX272M200A062  | 0.080                 | 0.045  | 5.50                        | 7.70   | 35 x 63               |
| 2700                    | 382LX272M200N052  | 0.080                 | 0.045  | 5.40                        | 7.60   | 40 x 50               |
| 3300                    | 380LX332M200A082  | 0.065                 | 0.037  | 6.40                        | 9.00   | 35 x 80               |
| 3300                    | 382LX332M200N062  | 0.065                 | 0.037  | 6.30                        | 8.90   | 40 x 63               |
| 3900                    | 380LX392M200A082  | 0.055                 | 0.030  | 6.60                        | 9.25   | 35 x 80               |
| 3900                    | 382LX392M200N062  | 0.055                 | 0.030  | 6.80                        | 9.50   | 40 x 63               |
| 3900                    | 382LX392M200B052V | 0.055                 | 0.030  | 8.22                        | 9.45   | 50 x 50               |
| 4700                    | 382LX472M200N082  | 0.046                 | 0.025  | 8.38                        | 11.73  | 40 x 80               |
| 4700                    | 382LX472M200B062V | 0.046                 | 0.025  | 9.32                        | 13.05  | 50 x 63               |
| 5600                    | 380LX562M200A102  | 0.038                 | 0.021  | 8.90                        | 12.46  | 35 x 105              |
| 6800                    | 382LX682M200N102  | 0.032                 | 0.017  | 8.65                        | 12.11  | 40 x 105              |
| 6800                    | 382LX682M200B082V | 0.032                 | 0.017  | 11.41                       | 15.97  | 50 x 80               |
| 7500                    | 382LX752M200B092V | 0.029                 | 0.016  | 12.28                       | 17.19  | 50 x 92               |
| 8200                    | 382LX822M200B102V | 0.026                 | 0.014  | 13.16                       | 18.42  | 50 x 105              |
| 250 Vdc (300 Vdc Surge) |                   |                       |        |                             |        |                       |
| 120                     | 380LX121M250H202  | 1.658                 | 0.846  | .50                         | .60    | 22 x 20               |
| 120                     | 380LX121M250H012  | 1.520                 | 0.610  | .71                         | 1.00   | 22 x 25               |
| 150                     | 380LX151M250H012  | 1.220                 | 0.490  | .90                         | 1.25   | 22 x 25               |
| 150                     | 380LX151M250J202  | 1.326                 | 0.530  | .70                         | .90    | 25 x 20               |
| 180                     | 380LX181M250H012  | 0.920                 | 0.370  | 1.10                        | 1.50   | 22 x 25               |
| 220                     | 380LX221M250H012  | 0.754                 | 0.301  | 1.17                        | 1.64   | 22 x 25               |
| 220                     | 380LX221M250K202  | 0.830                 | 0.330  | .90                         | 1.20   | 30 x 20               |
| 270                     | 380LX271M250H022  | 0.620                 | 0.250  | 1.30                        | 1.80   | 22 x 30               |
| 270                     | 380LX271M250J012  | 0.620                 | 0.250  | 1.30                        | 1.80   | 25 x 25               |
| 330                     | 380LX331M250H032  | 0.550                 | 0.220  | 1.80                        | 2.50   | 22 x 35               |
| 330                     | 380LX331M250J022  | 0.550                 | 0.220  | 1.80                        | 2.50   | 25 x 30               |
| 330                     | 380LX331M250K012  | 0.550                 | 0.220  | 1.80                        | 2.50   | 30 x 25               |
| 330                     | 380LX331M250A202  | 0.550                 | 0.220  | 1.10                        | 1.50   | 35 x 20               |
| 390                     | 380LX391M250H042  | 0.510                 | 0.260  | 1.90                        | 2.70   | 22 x 40               |
| 390                     | 380LX391M250J022  | 0.468                 | 0.187  | 1.91                        | 2.67   | 25 x 30               |

| Cap.                    | Catalog           | Max. ESR<br>Ω @ 25 °C |        | Ripple Amps<br>Max. @ 85 °C |        | Nom.<br>D x L<br>(mm) |
|-------------------------|-------------------|-----------------------|--------|-----------------------------|--------|-----------------------|
| (μF)                    | Part Number       | 120 Hz                | 20 kHz | 120 Hz                      | 20 kHz | (mm)                  |
| 250 Vdc (300 Vdc Surge) |                   |                       |        |                             |        |                       |
| 390                     | 380LX391M250K012  | 0.510                 | 0.260  | 1.90                        | 2.70   | 30 x 25               |
| 470                     | 380LX471M250H452  | 0.390                 | 0.155  | 2.10                        | 3.00   | 22 x 45               |
| 470                     | 380LX471M250J032  | 0.390                 | 0.155  | 2.10                        | 3.00   | 25 x 35               |
| 470                     | 380LX471M250K012  | 0.353                 | 0.141  | 2.10                        | 3.00   | 30 x 25               |
| 560                     | 380LX561M250J042  | 0.326                 | 0.130  | 2.30                        | 3.20   | 25 x 40               |
| 560                     | 380LX561M250K022  | 0.326                 | 0.130  | 2.30                        | 3.20   | 30 x 30               |
| 560                     | 380LX561M250A012  | 0.326                 | 0.130  | 2.30                        | 3.20   | 35 x 25               |
| 680                     | 380LX681M250J452  | 0.268                 | 0.107  | 2.50                        | 3.50   | 25 x 45               |
| 680                     | 380LX681M250K032  | 0.268                 | 0.107  | 2.50                        | 3.50   | 30 x 35               |
| 680                     | 380LX681M250A022  | 0.293                 | 0.149  | 2.50                        | 3.50   | 35 x 30               |
| 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   | 0.043                 | 0.021  | 6.30                        | 8.40   | 40 x 80               |
| 2700                    | 382LX272M250B052V | 0.074                 | 0.037  | 6.77                        | 7.79   | 50 x 50               |
| 3300                    | 382LX332M250N082  | 0.060                 | 0.030  | 7.00                        | 9.80   | 40 x 80               |
| 3300                    | 382LX332M250B062V | 0.060                 | 0.030  | 7.79                        | 10.91  | 50 x 63               |
| 3900                    | 380LX392M250A102  | 0.051                 | 0.026  | 7.47                        | 10.46  | 35 x 105              |
| 3900                    | 382LX392M250N082  | 0.051                 | 0.026  | 7.35                        | 10.30  | 40 x 80               |
| 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              |
| 315 Vdc (365 Vdc Surge) |                   |                       |        |                             |        |                       |
| 100                     | 380LX101M315H012  | 1.989                 | 1.015  | .90                         | 1.30   | 22 x 25               |
| 120                     | 380LX121M315H022  | 1.658                 | 0.856  | 1.00                        | 1.40   | 22 x 30               |
| 120                     | 380LX121M315J012  | 1.658                 | 0.856  | 1.00                        | 1.40   | 25 x 25               |
| 150                     | 380LX151M315H022  | 1.326                 | 0.677  | 1.10                        | 1.60   | 22 x 30               |
| 150                     | 380LX151M315J012  | 1.326                 | 0.677  | 1.10                        | 1.60   | 25 x 25               |
| 180                     | 380LX181M315H032  | 1.105                 | 0.546  | 1.20                        | 1.70   | 22 x 35               |
| 180                     | 380LX181M315J022  | 1.105                 | 0.546  | 1.20                        | 1.70   | 25 x 30               |
| 180                     | 380LX181M315K012  | 1.105                 | 0.546  | 1.20                        | 1.70   | 30 x 25               |
| 220                     | 380LX221M315H042  | 0.904                 | 0.461  | 1.40                        | 2.00   | 22 x 40               |
| 220                     | 380LX221M315J032  | 0.904                 | 0.461  | 1.40                        | 2.00   | 25 x 35               |

# Types 380L, 382L, 380LX & 382LX, 85 °C High-Capacitance Snap-In

| Cap. 查询"380LX182M080J022"供应商 |                  | Max. ESR<br>Ω @ 25 °C |        | Ripple Amps<br>Max. @ 85 °C |        | Nom.<br>D x L |
|------------------------------|------------------|-----------------------|--------|-----------------------------|--------|---------------|
| (μF)                         | Part Number      | 120 Hz                | 20 kHz | 120 Hz                      | 20 kHz | (mm)          |
| 315 Vdc (365 Vdc Surge)      |                  |                       |        |                             |        |               |
| 220                          | 380LX221M315K012 | 0.904                 | 0.461  | 1.40                        | 2.00   | 30 x 25       |
| 270                          | 380LX271M315H452 | 0.737                 | 0.376  | 1.60                        | 2.20   | 22 x 45       |
| 270                          | 380LX271M315J042 | 0.737                 | 0.376  | 1.60                        | 2.20   | 25 x 40       |
| 270                          | 380LX271M315K022 | 0.737                 | 0.376  | 1.60                        | 2.20   | 30 x 30       |
| 330                          | 380LX331M315J452 | 0.603                 | 0.308  | 1.80                        | 2.50   | 25 x 45       |
| 330                          | 380LX331M315K022 | 0.603                 | 0.308  | 1.80                        | 2.50   | 30 x 30       |
| 330                          | 380LX331M315A012 | 0.603                 | 0.308  | 1.80                        | 2.50   | 35 x 25       |
| 390                          | 380LX391M315J052 | 0.510                 | 0.260  | 2.00                        | 2.80   | 25 x 50       |
| 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 Vdc (400 Vdc Surge)      |                  |                       |        |                             |        |               |
| 82                           | 380LX820M350H012 | 2.022                 | 0.708  | 0.83                        | 1.16   | 22 x 25       |
| 100                          | 380LX101M350H022 | 1.660                 | 0.580  | 0.90                        | 1.30   | 22 x 30       |
| 120                          | 380LX121M350H022 | 1.382                 | 0.484  | 1.00                        | 1.40   | 22 x 30       |
| 120                          | 380LX121M350J012 | 1.382                 | 0.484  | 1.00                        | 1.40   | 25 x 25       |
| 150                          | 380LX151M350H032 | 1.110                 | 0.390  | 1.10                        | 1.60   | 22 x 35       |
| 150                          | 380LX151M350J012 | 1.110                 | 0.390  | 1.10                        | 1.60   | 25 x 25       |
| 150                          | 380LX151M350K012 | 1.110                 | 0.390  | 1.10                        | 1.60   | 30 x 25       |
| 180                          | 380LX181M350H042 | 0.920                 | 0.320  | 1.20                        | 1.70   | 22 x 40       |
| 180                          | 380LX181M350J022 | 0.920                 | 0.320  | 1.22                        | 1.70   | 25 x 30       |
| 180                          | 380LX181M350K012 | 0.920                 | 0.320  | 1.20                        | 1.70   | 30 x 25       |
| 220                          | 380LX221M350H452 | 0.750                 | 0.260  | 1.44                        | 2.00   | 22 x 45       |
| 220                          | 380LX221M350J032 | 0.750                 | 0.260  | 1.44                        | 2.00   | 25 x 35       |
| 220                          | 380LX221M350K012 | 0.750                 | 0.260  | 1.44                        | 2.00   | 30 x 25       |
| 220                          | 380LX221M350A012 | 0.750                 | 0.260  | 1.44                        | 2.00   | 35 x 25       |
| 270                          | 380LX271M350J042 | 0.614                 | 0.215  | 1.66                        | 2.32   | 25 x 40       |
| 270                          | 380LX271M350K022 | 0.614                 | 0.215  | 1.66                        | 2.32   | 30 x 30       |
| 270                          | 380LX271M350A012 | 0.614                 | 0.215  | 1.66                        | 2.32   | 35 x 25       |
| 270                          | 380LX271M350A012 | 0.614                 | 0.215  | 1.70                        | 2.30   | 35 x 25       |
| 330                          | 380LX331M350J052 | 0.500                 | 0.180  | 1.90                        | 2.60   | 25 x 50       |
| 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                          | 380LX391M350J052 | 0.425                 | 0.149  | 2.06                        | 2.88   | 25 x 50       |
| 390                          | 380LX391M350K042 | 0.425                 | 0.149  | 2.06                        | 2.88   | 30 x 40       |

| Cap. 查询"380LX182M080J022"供应商 |                   | Max. ESR<br>Ω @ 25 °C |        | Ripple Amps<br>Max. @ 85 °C |        | Nom.<br>D x L |
|------------------------------|-------------------|-----------------------|--------|-----------------------------|--------|---------------|
| (μF)                         | Part Number       | 120 Hz                | 20 kHz | 120 Hz                      | 20 kHz | (mm)          |
| 350 Vdc (400 Vdc Surge)      |                   |                       |        |                             |        |               |
| 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       |
| 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  | 0.138                 | 0.062  | 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 Vdc (450 Vdc Surge)      |                   |                       |        |                             |        |               |
| 47                           | 380LX470M400H202  | 3.530                 | 1.240  | 0.25                        | 0.35   | 22 x 20       |
| 47                           | 380LX470M400H012  | 3.530                 | 1.240  | 0.47                        | 0.66   | 22 x 25       |
| 68                           | 380LX680M400H012  | 2.440                 | 0.850  | 0.70                        | 0.97   | 22 x 25       |
| 68                           | 380LX680M400J202  | 2.930                 | 1.000  | 0.35                        | 0.50   | 25 x 20       |
| 82                           | 380LX820M400H012  | 2.000                 | 0.710  | 0.80                        | 1.20   | 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       |
| 100                          | 380LX101M400K202  | 1.990                 | 0.700  | 0.50                        | 0.70   | 30 x 20       |
| 120                          | 380LX121M400H032  | 1.380                 | 0.490  | 1.00                        | 1.40   | 22 x 35       |
| 120                          | 380LX121M400J012  | 1.380                 | 0.490  | 1.02                        | 1.43   | 25 x 25       |
| 150                          | 380LX151M400H042  | 1.100                 | 0.390  | 1.20                        | 1.60   | 22 x 40       |
| 150                          | 380LX151M400J022  | 1.100                 | 0.390  | 1.20                        | 1.60   | 25 x 30       |
| 150                          | 380LX151M400K012  | 1.100                 | 0.390  | 1.20                        | 1.60   | 30 x 25       |
| 150                          | 380LX151M400A202  | 1.330                 | 0.470  | 0.60                        | 0.80   | 35 x 20       |
| 180                          | 380LX181M400H452  | 0.920                 | 0.320  | 1.40                        | 2.00   | 22 x 45       |
| 180                          | 380LX181M400J022  | 0.920                 | 0.320  | 1.40                        | 2.00   | 25 x 30       |
| 220                          | 380LX221M400H052  | 0.750                 | 0.260  | 1.50                        | 2.10   | 22 x 50       |
| 220                          | 380LX221M400J042  | 0.750                 | 0.260  | 1.50                        | 2.10   | 25 x 40       |
| 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                          | 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       |
| 390                          | 380LX391M400K452  | 0.470                 | 0.160  | 2.10                        | 3.00   | 30 x 45       |

# Types 380L, 382L, 380LX & 382LX, 85 °C High-Capacitance Snap-In

| <a href="#">查询"380LX182M080J022"供应商</a> |                   |                       |              |                             |              |               |
|-----------------------------------------|-------------------|-----------------------|--------------|-----------------------------|--------------|---------------|
| Cap.                                    | Catalog           | Max. ESR<br>Ω @ 25 °C |              | Ripple Amps<br>Max. @ 85 °C |              | Nom.<br>D x L |
| (μF)                                    | Part Number       | 120 Hz20 kHz          | 120 Hz20 kHz | 120 Hz20 kHz                | 120 Hz20 kHz | (mm)          |
| 400 Vdc (450 Vdc Surge)                 |                   |                       |              |                             |              |               |
| 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       |
| 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  | 0.122                 | 0.043        | 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 Vdc (470 Vdc Surge)                 |                   |                       |              |                             |              |               |
| 82                                      | 380LX820M420H022  | 2.430                 | 0.850        | 0.80                        | 1.15         | 22 x 30       |
| 100                                     | 380LX101M420H022  | 2.000                 | 0.700        | 0.90                        | 1.30         | 22 x 30       |
| 100                                     | 380LX101M420J012  | 2.000                 | 0.700        | 0.90                        | 1.30         | 25 x 25       |
| 120                                     | 380LX121M420H032  | 1.660                 | 0.590        | 1.00                        | 1.40         | 22 x 35       |
| 120                                     | 380LX121M420J022  | 1.660                 | 0.590        | 1.00                        | 1.40         | 25 x 30       |
| 150                                     | 380LX151M420H042  | 1.330                 | 0.450        | 1.15                        | 1.60         | 22 x 40       |
| 150                                     | 380LX151M420J022  | 1.330                 | 0.450        | 1.15                        | 1.60         | 25 x 30       |
| 150                                     | 380LX151M420K012  | 1.330                 | 0.450        | 1.15                        | 1.60         | 30 x 25       |
| 180                                     | 380LX181M420J012  | 1.100                 | 0.390        | 1.45                        | 2.00         | 22 x 45       |
| 180                                     | 380LX181M420J032  | 1.100                 | 0.390        | 1.45                        | 2.00         | 25 x 35       |
| 180                                     | 380LX181M420K022  | 1.100                 | 0.390        | 1.45                        | 2.00         | 30 x 30       |
| 220                                     | 380LX221M420J452  | 0.900                 | 0.320        | 1.50                        | 2.10         | 25 x 45       |
| 220                                     | 380LX221M420K022  | 0.900                 | 0.320        | 1.50                        | 2.10         | 30 x 30       |
| 220                                     | 380LX221M420A012  | 0.900                 | 0.320        | 1.50                        | 2.10         | 35 x 25       |
| 270                                     | 380LX271M420J052  | 0.740                 | 0.260        | 1.70                        | 2.30         | 25 x 50       |
| 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       |

| Cap.                    | Catalog           | Max. ESR<br>Ω @ 25 °C |              | Ripple Amps<br>Max. @ 85 °C |              | Nom.<br>D x L |
|-------------------------|-------------------|-----------------------|--------------|-----------------------------|--------------|---------------|
| (μF)                    | Part Number       | 120 Hz20 kHz          | 120 Hz20 kHz | 120 Hz20 kHz                | 120 Hz20 kHz | (mm)          |
| 450 Vdc (500 Vdc Surge) |                   |                       |              |                             |              |               |
| 33                      | 380LX330M450H202  | 6.029                 | 2.400        | 0.20                        | 0.30         | 22 x 20       |
| 33                      | 380LX330M450H012  | 6.029                 | 2.400        | 0.40                        | 0.57         | 22 x 25       |
| 47                      | 380LX470M450H012  | 4.230                 | 1.690        | 0.59                        | 0.83         | 22 x 25       |
| 47                      | 380LX470M450J202  | 4.230                 | 1.690        | 0.30                        | 0.40         | 25 x 20       |
| 56                      | 380LX560M450H012  | 3.000                 | 1.190        | 0.70                        | 1.00         | 22 x 25       |
| 68                      | 380LX680M450H022  | 2.926                 | 1.170        | 0.80                        | 1.10         | 22 x 30       |
| 68                      | 380LX680M450K202  | 2.926                 | 1.170        | 0.40                        | 0.50         | 30 x 20       |
| 82                      | 380LX820M450H022  | 2.000                 | 0.810        | 0.80                        | 1.20         | 22 x 30       |
| 82                      | 380LX820M450J012  | 2.000                 | 0.810        | 0.80                        | 1.20         | 25 x 25       |
| 100                     | 380LX101M450H032  | 1.660                 | 0.660        | 0.90                        | 1.30         | 22 x 35       |
| 100                     | 380LX101M450J022  | 1.660                 | 0.660        | 0.90                        | 1.30         | 25 x 30       |
| 100                     | 380LX101M450K012  | 1.989                 | 1.015        | 0.90                        | 1.30         | 30 x 25       |
| 100                     | 380LX101M450A202  | 1.989                 | 1.015        | 0.50                        | 0.70         | 35 x 20       |
| 120                     | 380LX121M450H042  | 1.380                 | 0.550        | 1.00                        | 1.50         | 22 x 40       |
| 120                     | 380LX121M450J022  | 1.380                 | 0.550        | 1.00                        | 1.50         | 25 x 30       |
| 120                     | 380LX121M450K012  | 1.380                 | 0.550        | 1.00                        | 1.50         | 30 x 25       |
| 150                     | 380LX151M450H052  | 1.100                 | 0.440        | 1.20                        | 1.70         | 22 x 50       |
| 150                     | 380LX151M450J042  | 1.100                 | 0.440        | 1.20                        | 1.70         | 25 x 40       |
| 150                     | 380LX151M450K022  | 1.100                 | 0.440        | 1.20                        | 1.70         | 30 x 30       |
| 180                     | 380LX181M450J042  | 0.921                 | 0.368        | 1.35                        | 1.89         | 25 x 40       |
| 180                     | 380LX181M450K022  | 0.921                 | 0.368        | 1.35                        | 1.89         | 30 x 30       |
| 180                     | 380LX181M450A012  | 0.921                 | 0.368        | 1.40                        | 1.90         | 35 x 25       |
| 220                     | 380LX221M450J452  | 0.754                 | 0.301        | 1.55                        | 2.17         | 25 x 45       |
| 220                     | 380LX221M450K032  | 0.754                 | 0.301        | 1.55                        | 2.17         | 30 x 35       |
| 220                     | 380LX221M450A022  | 0.904                 | 0.461        | 1.60                        | 2.20         | 35 x 30       |
| 270                     | 380LX271M450K452  | 0.680                 | 0.270        | 1.80                        | 2.50         | 30 x 45       |
| 270                     | 380LX271M450A022  | 0.680                 | 0.270        | 1.80                        | 2.50         | 35 x 30       |
| 330                     | 380LX331M450K052  | 0.550                 | 0.250        | 2.00                        | 2.80         | 30 x 50       |
| 330                     | 380LX331M450A032  | 0.553                 | 0.221        | 2.01                        | 2.81         | 35 x 35       |
| 390                     | 380LX391M450A452  | 0.510                 | 0.260        | 2.20                        | 3.10         | 35 x 45       |
| 470                     | 380LX471M450A452  | 0.423                 | 0.233        | 2.53                        | 3.54         | 35 x 45       |
| 470                     | 382LX471M450N042  | 0.423                 | 0.233        | 2.53                        | 3.54         | 40 x 40       |
| 560                     | 380LX561M450A052  | 0.355                 | 0.171        | 2.50                        | 3.50         | 35 x 50       |
| 560                     | 380LX561M450A062  | 0.355                 | 0.195        | 2.90                        | 4.10         | 35 x 63       |
| 680                     | 380L681M450A072   | 0.226                 | 0.120        | 3.20                        | 4.20         | 35 x 70       |
| 680                     | 382LX681M450N052  | 0.290                 | 0.160        | 3.15                        | 4.40         | 40 x 50       |
| 680                     | 382L681M450N062   | 0.201                 | 0.109        | 3.40                        | 4.50         | 40 x 63       |
| 820                     | 382LX821M450N062  | 0.243                 | 0.133        | 3.70                        | 5.20         | 40 x 63       |
| 820                     | 380LX821M450A082  | 0.243                 | 0.133        | 3.80                        | 5.30         | 35 x 80       |
| 820                     | 382LX821M450B052V | 0.263                 | 0.145        | 4.31                        | 4.96         | 50 x 50       |
| 1000                    | 382LX102M450N082  | 0.216                 | 0.119        | 4.20                        | 5.90         | 40 x 80       |
| 1000                    | 382LX102M450B062V | 0.216                 | 0.119        | 4.96                        | 6.94         | 50 x 63       |
| 1200                    | 380LX122M450A102  | 0.166                 | 0.091        | 4.80                        | 6.72         | 35 x 105      |
| 1200                    | 382LX122M450N082  | 0.166                 | 0.091        | 4.85                        | 6.80         | 40 x 80       |

# Types 380L, 382L, 380LX & 382LX, 85 °C High-Capacitance Snap-In

查询"380LX182M080J022"供应商

| Cap.                    | Catalog           | Max. ESR<br>$\Omega$ @ 25 °C |              | Ripple Amps<br>Max. @ 85 °C |              | Nom.<br>D x L |
|-------------------------|-------------------|------------------------------|--------------|-----------------------------|--------------|---------------|
| ( $\mu$ F)              | Part Number       | 120 Hz20 kHz                 | 120 Hz20 kHz | 120 Hz20 kHz                | 120 Hz20 kHz | (mm)          |
| 450 Vdc (500 Vdc Surge) |                   |                              |              |                             |              |               |
| 1200                    | 382LX122M450B082V | 0.180                        | 0.099        | 5.71                        | 7.99         | 50 x 80       |
| 1500                    | 382LX152M450N102  | 0.133                        | 0.073        | 5.81                        | 8.13         | 40 x 105      |
| 1500                    | 382LX152M450B092V | 0.144                        | 0.079        | 6.55                        | 9.17         | 50 x 92       |
| 1800                    | 382LX182M450B102V | 0.120                        | 0.066        | 7.38                        | 10.30        | 50 x 105      |
| 500 Vdc (550 Vdc Surge) |                   |                              |              |                             |              |               |
| 33                      | 380LX330M500H012  | 3.850                        | 2.353        | 0.60                        | 0.80         | 22 x 25       |
| 47                      | 380LX470M500H012  | 3.500                        | 1.410        | 0.63                        | 0.88         | 22 x 25       |
| 56                      | 380LX560M500H022  | 2.980                        | 1.184        | 0.70                        | 0.98         | 22 x 30       |
| 68                      | 380LX680M500H032  | 2.438                        | 0.975        | 0.78                        | 1.09         | 22 x 35       |
| 68                      | 380LX680M500J012  | 2.438                        | 0.975        | 0.78                        | 1.09         | 25 x 25       |
| 82                      | 380LX820M500H042  | 2.022                        | 0.809        | 0.88                        | 1.23         | 22 x 40       |
| 82                      | 380LX820M500J022  | 2.022                        | 0.809        | 0.88                        | 1.23         | 25 x 30       |
| 82                      | 380LX820M500K012  | 1.960                        | 1.186        | 0.90                        | 1.20         | 30 x 25       |
| 100                     | 380LX101M500H452  | 1.658                        | 0.663        | 0.99                        | 1.39         | 22 x 45       |
| 100                     | 380LX101M500J032  | 1.658                        | 0.663        | 0.99                        | 1.39         | 25 x 35       |
| 100                     | 380LX101M500J042  | 1.340                        | 0.828        | 1.10                        | 1.50         | 25 x 40       |
| 100                     | 380LX101M500K022  | 1.440                        | 0.871        | 1.10                        | 1.50         | 30 x 30       |
| 100                     | 380LX101M500A012  | 1.580                        | 0.962        | 1.10                        | 1.50         | 35 x 25       |
| 120                     | 380LX121M500H052  | 1.382                        | 0.553        | 1.13                        | 1.58         | 22 x 50       |
| 120                     | 380LX121M500J042  | 1.382                        | 0.553        | 1.13                        | 1.58         | 25 x 40       |
| 120                     | 380LX121M500K022  | 1.382                        | 0.553        | 1.13                        | 1.58         | 30 x 30       |
| 120                     | 380LX121M500K032  | 1.130                        | 0.683        | 1.40                        | 1.90         | 30 x 35       |
| 120                     | 380LX121M500A022  | 1.160                        | 0.707        | 1.40                        | 1.90         | 35 x 30       |
| 150                     | 380LX151M500J452  | 1.105                        | 0.442        | 1.29                        | 1.80         | 25 x 45       |
| 150                     | 380LX151M500J052  | 0.945                        | 0.585        | 1.40                        | 1.90         | 25 x 50       |
| 150                     | 380LX151M500K032  | 1.105                        | 0.442        | 1.29                        | 1.80         | 30 x 35       |
| 150                     | 380LX151M500K042  | 0.926                        | 0.562        | 1.60                        | 2.20         | 30 x 40       |
| 150                     | 380LX151M500A012  | 1.105                        | 0.442        | 1.29                        | 1.80         | 35 x 25       |
| 180                     | 380LX181M500J052  | 0.920                        | 0.368        | 1.38                        | 1.93         | 25 x 50       |
| 180                     | 380LX181M500K042  | 0.920                        | 0.368        | 1.38                        | 1.93         | 30 x 40       |

| Cap.                    | Catalog           | Max. ESR<br>$\Omega$ @ 25 °C |              | Ripple Amps<br>Max. @ 85 °C |              | Nom.<br>D x L |
|-------------------------|-------------------|------------------------------|--------------|-----------------------------|--------------|---------------|
| ( $\mu$ F)              | Part Number       | 120 Hz20 kHz                 | 120 Hz20 kHz | 120 Hz20 kHz                | 120 Hz20 kHz | (mm)          |
| 500 Vdc (550 Vdc Surge) |                   |                              |              |                             |              |               |
| 180                     | 380LX181M500A022  | 0.921                        | 0.388        | 1.38                        | 1.93         | 35 x 30       |
| 180                     | 380LX181M500A032  | 0.920                        | 0.555        | 1.60                        | 2.20         | 35 x 35       |
| 220                     | 380LX221M500K452  | 0.754                        | 0.339        | 1.50                        | 2.10         | 30 x 45       |
| 220                     | 380LX221M500K052  | 0.654                        | 0.397        | 2.00                        | 2.70         | 30 x 50       |
| 220                     | 380LX221M500A032  | 0.754                        | 0.339        | 1.50                        | 2.10         | 35 x 35       |
| 220                     | 380LX221M500A042  | 0.749                        | 0.456        | 1.90                        | 2.50         | 35 x 40       |
| 270                     | 380LX271M500A042  | 0.614                        | 0.278        | 1.76                        | 2.46         | 35 x 40       |
| 270                     | 380LX271M500A052  | 0.529                        | 0.322        | 2.30                        | 3.10         | 35 x 50       |
| 270                     | 382L271M500N042   | 0.549                        | 0.342        | 2.40                        | 3.20         | 40 x 40       |
| 330                     | 380LX331M500A452  | 0.502                        | 0.251        | 1.99                        | 2.79         | 35 x 45       |
| 330                     | 382LX331M500N042  | 0.502                        | 0.276        | 2.16                        | 3.00         | 40 x 40       |
| 390                     | 380LX391M500A052  | 0.425                        | 0.234        | 2.22                        | 3.11         | 35 x 50       |
| 390                     | 380LX391M500A062  | 0.423                        | 0.257        | 2.70                        | 3.60         | 35 x 63       |
| 390                     | 382L391M500N052   | 0.388                        | 0.242        | 2.90                        | 3.90         | 40 x 50       |
| 470                     | 380LX471M500A062  | 0.353                        | 0.194        | 2.58                        | 3.61         | 35 x 63       |
| 470                     | 380LX471M500A072  | 0.353                        | 0.215        | 3.20                        | 4.20         | 35 x 70       |
| 470                     | 382LX471M500N052  | 0.353                        | 0.194        | 2.70                        | 3.78         | 40 x 50       |
| 470                     | 382L471M500N062   | 0.311                        | 0.194        | 3.40                        | 4.50         | 40 x 63       |
| 560                     | 380LX561M500A082  | 0.295                        | 0.179        | 3.60                        | 4.80         | 35 x 80       |
| 560                     | 382LX561M500N062  | 0.326                        | 0.179        | 3.11                        | 4.35         | 40 x 63       |
| 560                     | 382LX561M500B052V | 0.355                        | 0.195        | 3.52                        | 4.05         | 50 x 50       |
| 680                     | 382L681M500N082   | 0.218                        | 0.135        | 4.50                        | 6.00         | 40 x 80       |
| 680                     | 380LX681M500A082  | 0.244                        | 0.134        | 3.21                        | 4.49         | 35 x 80       |
| 680                     | 382LX681M500B062V | 0.293                        | 0.161        | 4.07                        | 5.70         | 50 x 63       |
| 820                     | 380LX821M500A102  | 0.202                        | 0.111        | 3.97                        | 5.56         | 35 x 105      |
| 820                     | 382LX821M500N082  | 0.222                        | 0.122        | 3.88                        | 5.43         | 40 x 80       |
| 1000                    | 382LX102M500B082V | 0.199                        | 0.109        | 5.05                        | 7.07         | 50 x 80       |
| 1200                    | 382LX122M500N102  | 0.152                        | 0.084        | 5.90                        | 8.26         | 40 x 105      |
| 1200                    | 382LX122M500B092V | 0.166                        | 0.091        | 5.74                        | 8.04         | 50 x 92       |
| 1500                    | 382LX152M500B102V | 0.144                        | 0.079        | 6.65                        | 9.31         | 50 x 105      |