

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

2-pin Types: 381L and 381LX. 4-pin or 5-pin Types: 383L and 383LX

[查询"381LX333M025A052"供应商](#)



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

## Highlights

- Top performance in power supplies and motor drives
- 4 times the life of Type 380L/LX
- 2, 4 and 5 leads available
- Big selection of 42 case sizes

## Specifications

**Operating Temperature:** -40 °C to +105 °C up to 315 Vdc, -25 °C 350 Vdc and up  
**Rated Voltage:** 10 to 450 Vdc  
**Capacitance:** 33 µF to 150,000 µF ±20%  
**Leakage Current:**  $\leq 3\sqrt{CV}$  µA

### Ripple Current Multipliers:

### Ambient Temperature

|                          | 45 °C | 60 °C | 70 °C | 85 °C | 105 °C |
|--------------------------|-------|-------|-------|-------|--------|
| <b>381L</b>              | 2.70  | 2.60  | 2.50  | 2.10  | 1.00   |
| <b>381LX,<br/>383 LX</b> | 2.35  | 2.20  | 2.00  | 1.70  | 1.00   |

### Frequency

|                    | 50 Hz | 60 Hz | 120 Hz | 500 Hz | 1 kHz | 5 kHz & up |
|--------------------|-------|-------|--------|--------|-------|------------|
| <b>10-100 Vdc</b>  | 0.93  | 0.95  | 1.00   | 1.05   | 1.08  | 1.15       |
| <b>160-450 Vdc</b> | 0.75  | 0.80  | 1.00   | 1.20   | 1.25  | 1.40       |

**EIA Ripple Life:** 12,000 h @ 85 °C, Full load as per EIA IS-749

ΔCapacitance ±20%  
 ESR 200% of limit  
 DCL 100% of limit

**Load Life Test:** 3,000 h @ 105 °C, Full load

ΔCapacitance ±10%  
 ESR 125% of limit  
 DCL 100% of limit

**Shelf Life:** 1,000 h @ 105 °C

ΔCapacitance ±20%  
 DF 200% of limit  
 DCL 100% of limit

**Vibration:** 10 to 55 Hz, 0.06" and 10 g max, 2 h in each plane



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).

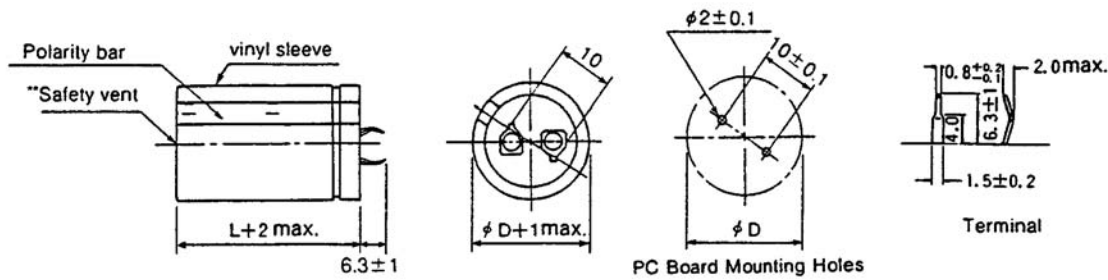
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## Outline Drawings

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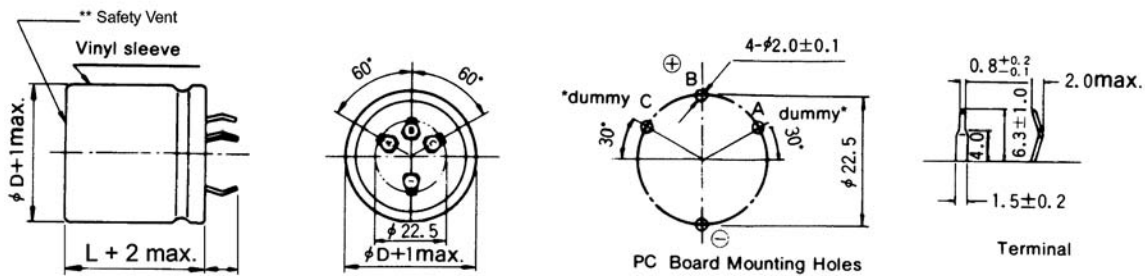
### Two Pins

381L/LX (22 through 40 mm diameter)



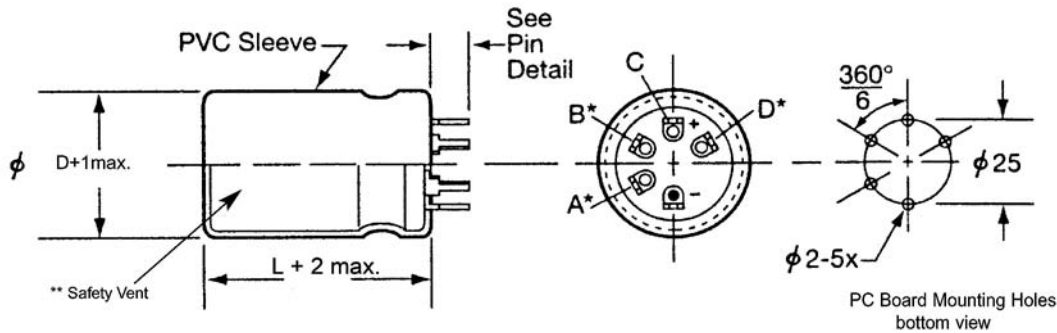
### Four Pins

383L/LX (35 and 40mm diameter)

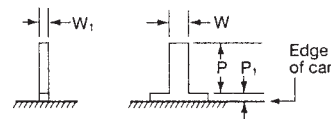


### Five Pins

383L/LX (40 and 50mm diameter)



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

## Insulated Case Dimensions

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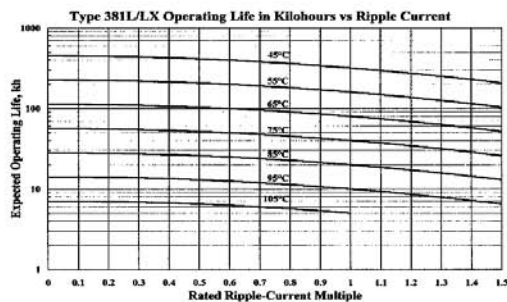
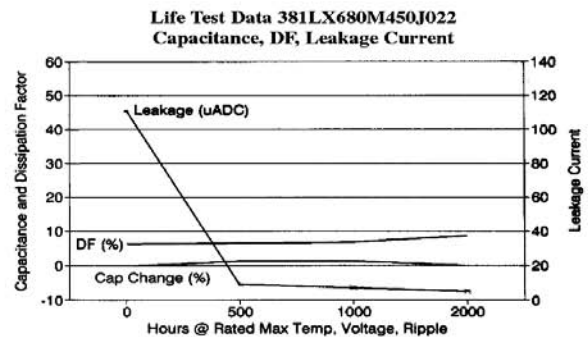
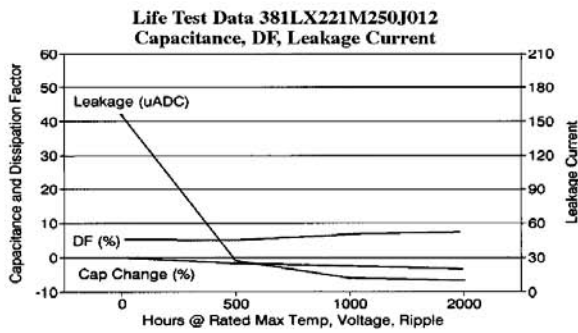
| Case Code | DIAMETER "D" |        | LENGTH "L" |        | Typical Weight (grams) |
|-----------|--------------|--------|------------|--------|------------------------|
|           | mm           | inches | mm         | inches |                        |
| H20       | 22           | 0.87   | 20         | 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                     |
| J045      | 25           | 0.98   | 45         | 1.77   | 35                     |
| J05       | 25           | 0.98   | 50         | 1.97   | 38                     |
| K20       | 30           | 1.18   | 20         | 0.79   | 25                     |
| K01       | 30           | 1.18   | 25         | 0.98   | 30                     |
| K02       | 30           | 1.18   | 30         | 1.18   | 35                     |
| K03       | 30           | 1.18   | 35         | 1.38   | 40                     |
| K04       | 30           | 1.18   | 40         | 1.57   | 44                     |
| K45       | 30           | 1.18   | 45         | 1.77   | 48                     |
| K05       | 30           | 1.18   | 50         | 1.97   | 53                     |

| Case Code | DIAMETER "D" |        | 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

|                     |                    |                  |                      |                  |                   |                            |
|---------------------|--------------------|------------------|----------------------|------------------|-------------------|----------------------------|
| <b>383LX</b>        | <b>472</b>         | <b>M</b>         | <b>200</b>           | <b>N08</b>       | <b>2</b>          | <b>V</b>                   |
|                     |                    |                  |                      |                  |                   |                            |
| <b>Type</b>         | <b>Capacitance</b> | <b>Tolerance</b> | <b>Rated Voltage</b> | <b>Case Code</b> | <b>Insulation</b> | <b>5-pin Option</b>        |
| 381L (2 pins)       | 100 = 10 μF        | M = ±20%         | Vdc                  |                  | 2 PVC             | (383L/LX, 40 or 50 mm dia) |
| 381LX (2 pins)      | 101 = 100 μF       |                  |                      |                  |                   | blank = 4 pins             |
| 383L (4 or 5 pins)  | 492 = 4900 μF      |                  |                      |                  |                   | V = 5 pins                 |
| 383LX (4 or 5 pins) | 433 = 43,000 μF    |                  |                      |                  |                   |                            |

## Typical Performance Curves



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

## Ratings

| 查询"381LX333M025A052"供应商      |                        |                    |               |                         |               |                                  |                              |                        |                    |               |                         |               |                                  |
|------------------------------|------------------------|--------------------|---------------|-------------------------|---------------|----------------------------------|------------------------------|------------------------|--------------------|---------------|-------------------------|---------------|----------------------------------|
| Cap.<br>(µF)                 | Catalog<br>Part Number | ESR Max<br>@ 25 °C |               | Ripple Amps<br>@ 105 °C |               | Nominal<br>Size<br>D x L<br>(mm) | Cap.<br>(µF)                 | Catalog<br>Part Number | ESR Max<br>@ 25 °C |               | Ripple Amps<br>@ 105 °C |               | Nominal<br>Size<br>D x L<br>(mm) |
|                              |                        | 120 Hz<br>(Ω)      | 20 kHz<br>(Ω) | 120 Hz<br>(A)           | 20 kHz<br>(A) |                                  |                              |                        | 120 Hz<br>(Ω)      | 20 kHz<br>(Ω) | 120 Hz<br>(A)           | 20 kHz<br>(A) |                                  |
| 4700                         | 381LX472M010H012       | 0.159              | 0.135         | .85                     | .98           | 22 x 25                          | 22000                        | 381LX223M016K032       | 0.033              | 0.028         | 3.80                    | 4.40          | 30 x 35                          |
| 6800                         | 381LX682M010H012       | 0.111              | 0.093         | 1.30                    | 1.50          | 22 x 25                          | 22000                        | 381LX223M016A022       | 0.033              | 0.028         | 3.80                    | 4.40          | 35 x 30                          |
| 10000                        | 381LX103M010H012       | 0.075              | 0.063         | 1.80                    | 2.10          | 22 x 25                          | 27000                        | 381LX273M016J052       | 0.030              | 0.025         | 4.20                    | 4.80          | 25 x 50                          |
| 12000                        | 381LX123M010H022       | 0.061              | 0.053         | 2.20                    | 2.50          | 22 x 30                          | 27000                        | 381LX273M016K042       | 0.030              | 0.025         | 4.20                    | 4.80          | 30 x 40                          |
| 15000                        | 381LX153M010H032       | 0.055              | 0.045         | 2.30                    | 2.60          | 22 x 35                          | 27000                        | 381LX273M016A022       | 0.030              | 0.025         | 4.20                    | 4.80          | 35 x 30                          |
| 15000                        | 381LX153M010J012       | 0.055              | 0.045         | 2.30                    | 2.60          | 25 x 25                          | 33000                        | 381LX333M016K452       | 0.023              | 0.020         | 4.70                    | 5.40          | 30 x 45                          |
| 18000                        | 381LX183M010H042       | 0.044              | 0.038         | 2.40                    | 2.80          | 22 x 40                          | 33000                        | 381LX333M016A032       | 0.023              | 0.020         | 4.70                    | 5.40          | 35 x 35                          |
| 18000                        | 381LX183M010J022       | 0.044              | 0.038         | 2.40                    | 2.80          | 25 x 30                          | 39000                        | 381LX393M016K052       | 0.022              | 0.020         | 5.10                    | 5.90          | 30 x 50                          |
| 22000                        | 381LX223M010H452       | 0.040              | 0.032         | 2.60                    | 3.00          | 22 x 45                          | 39000                        | 381LX393M016A042       | 0.022              | 0.020         | 5.10                    | 5.90          | 35 x 40                          |
| 22000                        | 381LX223M010J032       | 0.040              | 0.032         | 2.60                    | 3.00          | 25 x 35                          | 47000                        | 381LX473M016A452       | 0.020              | 0.018         | 5.50                    | 6.30          | 35 x 45                          |
| 22000                        | 381LX223M010K012       | 0.040              | 0.032         | 2.60                    | 3.00          | 30 x 25                          | 47000                        | 383LX473M016N042       | 0.020              | 0.018         | 5.50                    | 6.33          | 40 x 40                          |
| 27000                        | 381LX273M010H052       | 0.033              | 0.028         | 3.10                    | 3.60          | 22 x 50                          | 56000                        | 381LX563M016A052       | 0.019              | 0.017         | 6.00                    | 6.90          | 35 x 50                          |
| 27000                        | 381LX273M010J042       | 0.033              | 0.028         | 3.10                    | 3.60          | 25 x 40                          | 68000                        | 381LX683M016A062       | 0.017              | 0.015         | 6.60                    | 7.60          | 35 x 63                          |
| 27000                        | 381LX273M010K022       | 0.033              | 0.028         | 3.10                    | 3.60          | 30 x 30                          | 68000                        | 381L683M016A072        | 0.012              | 0.007         | 7.10                    | 9.00          | 35 x 70                          |
| 27000                        | 381LX273M010A012       | 0.033              | 0.028         | 3.10                    | 3.60          | 35 x 25                          | 68000                        | 383LX683M016N052       | 0.015              | 0.014         | 7.30                    | 8.40          | 40 x 50                          |
| 33000                        | 381LX333M010J452       | 0.030              | 0.023         | 3.40                    | 3.90          | 25 x 45                          | 82000                        | 381L823M016A082        | 0.010              | 0.007         | 8.00                    | 10.00         | 35 x 80                          |
| 33000                        | 381LX333M010K032       | 0.030              | 0.023         | 3.40                    | 3.90          | 30 x 35                          | 82000                        | 383LX823M016N062       | 0.017              | 0.013         | 7.70                    | 8.80          | 40 x 63                          |
| 33000                        | 381LX333M010A022       | 0.030              | 0.023         | 3.40                    | 3.90          | 35 x 30                          | 100000                       | 381LX104M016A082       | 0.015              | 0.013         | 8.00                    | 9.20          | 35 x 80                          |
| 39000                        | 381LX393M010J052       | 0.025              | 0.020         | 3.70                    | 4.30          | 25 x 50                          | 120000                       | 381LX124M016A102       | 0.014              | 0.012         | 8.71                    | 10.02         | 35 x 105                         |
| 39000                        | 381LX393M010K042       | 0.025              | 0.020         | 3.70                    | 4.30          | 30 x 40                          | 120000                       | 383LX124M016N082       | 0.014              | 0.012         | 8.80                    | 10.10         | 40 x 80                          |
| 39000                        | 381LX393M010A022       | 0.025              | 0.020         | 3.70                    | 4.30          | 35 x 30                          | 120000                       | 383LX124M016B052V      | 0.015              | 0.014         | 9.02                    | 10.37         | 50 x 50                          |
| 47000                        | 381LX473M010K452       | 0.023              | 0.020         | 4.20                    | 4.80          | 30 x 45                          | 150000                       | 383LX154M016N102       | 0.013              | 0.012         | 9.88                    | 11.36         | 40 x 105                         |
| 47000                        | 381LX473M010A032       | 0.023              | 0.020         | 4.20                    | 4.80          | 35 x 35                          | 150000                       | 383LX154M016B062V      | 0.014              | 0.013         | 10.15                   | 11.67         | 50 x 63                          |
| 56000                        | 381LX563M010K052       | 0.022              | 0.019         | 5.00                    | 5.80          | 30 x 50                          | 180000                       | 383LX184M016B082V      | 0.013              | 0.012         | 11.02                   | 12.67         | 50 x 80                          |
| 56000                        | 381LX563M010A042       | 0.022              | 0.019         | 5.00                    | 5.80          | 35 x 40                          | 220000                       | 383LX224M016B092V      | 0.012              | 0.011         | 11.71                   | 13.47         | 50 x 92                          |
| 68000                        | 381LX683M010A052       | 0.021              | 0.020         | 5.50                    | 6.30          | 35 x 50                          | 250000                       | 383LX254M016B102V      | 0.011              | 0.010         | 12.31                   | 14.16         | 50 x 105                         |
| 68000                        | 383LX683M010N042       | 0.023              | 0.022         | 5.40                    | 6.20          | 40 x 40                          | <b>25 Vdc (32 Vdc Surge)</b> |                        |                    |               |                         |               |                                  |
| 82000                        | 381L823M010A062        | 0.013              | 0.008         | 6.30                    | 7.90          | 35 x 63                          | 2200                         | 381LX222M025H202       | 0.240              | 0.180         | 1.30                    | 1.50          | 22 x 20                          |
| 82000                        | 383LX823M010N052       | 0.018              | 0.017         | 7.40                    | 8.50          | 40 x 50                          | 2200                         | 381LX222M025H012       | 0.240              | 0.180         | 1.30                    | 1.50          | 22 x 25                          |
| 100000                       | 381L104M010A072        | 0.011              | 0.007         | 7.30                    | 9.00          | 35 x 70                          | 3300                         | 381LX332M025H012       | 0.160              | 0.120         | 1.60                    | 1.80          | 22 x 25                          |
| 120000                       | 381L124M010A082        | 0.010              | 0.006         | 8.20                    | 10.00         | 35 x 80                          | 3300                         | 381LX332M025J202       | 0.160              | 0.120         | 1.60                    | 1.80          | 25 x 20                          |
| 120000                       | 383L124M010N062        | 0.012              | 0.008         | 7.10                    | 8.60          | 40 x 63                          | 4700                         | 381LX472M025H012       | 0.105              | 0.080         | 2.00                    | 2.30          | 22 x 25                          |
| 150000                       | 383L154M010N082        | 0.009              | 0.006         | 8.90                    | 10.60         | 40 x 80                          | 4700                         | 381LX472M025K202       | 0.110              | 0.085         | 1.80                    | 2.10          | 30 x 20                          |
| <b>16 Vdc (20 Vdc Surge)</b> |                        |                    |               |                         |               |                                  | 5600                         | 381LX562M025H022       | 0.090              | 0.070         | 2.20                    | 2.50          | 22 x 30                          |
| 3300                         | 381LX332M016H202       | 0.216              | 0.170         | 1.30                    | 1.50          | 22 x 20                          | 6800                         | 381LX682M025H022       | 0.070              | 0.055         | 2.40                    | 2.80          | 22 x 30                          |
| 3300                         | 381LX332M016H012       | 0.176              | 0.141         | 1.30                    | 1.50          | 22 x 25                          | 6800                         | 381LX682M025J012       | 0.070              | 0.055         | 2.40                    | 2.80          | 25 x 25                          |
| 4700                         | 381LX472M016H012       | 0.123              | 0.099         | 1.52                    | 1.75          | 22 x 25                          | 6800                         | 381LX682M025A202       | 0.080              | 0.060         | 2.30                    | 2.60          | 35 x 20                          |
| 4700                         | 381LX472M016J202       | 0.150              | 0.120         | 1.60                    | 1.80          | 25 x 20                          | 8200                         | 381LX822M025H032       | 0.060              | 0.045         | 2.70                    | 3.10          | 22 x 35                          |
| 6800                         | 381LX682M016H012       | 0.088              | 0.067         | 2.20                    | 2.50          | 22 x 25                          | 8200                         | 381LX822M025J022       | 0.060              | 0.045         | 2.70                    | 3.10          | 25 x 30                          |
| 6800                         | 381LX682M016K202       | 0.105              | 0.080         | 1.80                    | 2.10          | 30 x 20                          | 8200                         | 381LX822M025K012       | 0.060              | 0.045         | 2.70                    | 3.10          | 30 x 25                          |
| 8200                         | 381LX822M016H022       | 0.070              | 0.055         | 2.40                    | 2.80          | 22 x 30                          | 10000                        | 381LX103M025H042       | 0.050              | 0.040         | 3.00                    | 3.50          | 22 x 40                          |
| 10000                        | 381LX103M016H022       | 0.070              | 0.050         | 2.60                    | 3.00          | 22 x 30                          | 10000                        | 381LX103M025J032       | 0.050              | 0.040         | 3.00                    | 3.50          | 25 x 35                          |
| 10000                        | 381LX103M016J012       | 0.070              | 0.050         | 2.60                    | 3.00          | 25 x 25                          | 10000                        | 381LX103M025K022       | 0.050              | 0.040         | 3.00                    | 3.50          | 30 x 30                          |
| 10000                        | 381LX103M016A202       | 0.070              | 0.057         | 2.40                    | 2.80          | 35 x 20                          | 12000                        | 381LX123M025H452       | 0.044              | 0.033         | 3.20                    | 3.68          | 22 x 45                          |
| 12000                        | 381LX123M016H032       | 0.055              | 0.044         | 2.90                    | 3.30          | 22 x 35                          | 12000                        | 381LX123M025J042       | 0.044              | 0.033         | 3.20                    | 3.70          | 25 x 40                          |
| 12000                        | 381LX123M016J022       | 0.055              | 0.044         | 2.90                    | 3.30          | 25 x 30                          | 12000                        | 381LX123M025K022       | 0.044              | 0.033         | 3.20                    | 3.70          | 30 x 30                          |
| 12000                        | 381LX123M016K012       | 0.055              | 0.044         | 2.90                    | 3.30          | 30 x 25                          | 12000                        | 381LX123M025A012       | 0.044              | 0.033         | 3.20                    | 3.70          | 35 x 25                          |
| 15000                        | 381LX153M016H042       | 0.046              | 0.037         | 3.20                    | 3.70          | 22 x 40                          | 15000                        | 381LX153M025J452       | 0.036              | 0.031         | 3.60                    | 4.10          | 25 x 45                          |
| 15000                        | 381LX153M016J032       | 0.046              | 0.037         | 3.20                    | 3.70          | 25 x 35                          | 15000                        | 381LX153M025K032       | 0.036              | 0.031         | 3.60                    | 4.10          | 30 x 35                          |
| 15000                        | 381LX153M016K022       | 0.046              | 0.037         | 3.20                    | 3.70          | 30 x 30                          | 15000                        | 381LX153M025A022       | 0.036              | 0.031         | 3.60                    | 4.10          | 35 x 30                          |
| 18000                        | 381LX183M016H452       | 0.040              | 0.034         | 3.50                    | 4.00          | 22 x 45                          | 18000                        | 381LX183M025J052       | 0.030              | 0.027         | 3.90                    | 4.50          | 25 x 50                          |
| 18000                        | 381LX183M016J042       | 0.040              | 0.034         | 3.50                    | 4.00          | 25 x 40                          | 18000                        | 381LX183M025K042       | 0.030              | 0.027         | 3.90                    | 4.50          | 30 x 40                          |
| 18000                        | 381LX183M016K022       | 0.040              | 0.034         | 3.50                    | 4.00          | 30 x 30                          | 18000                        | 381LX183M025A032       | 0.030              | 0.027         | 3.90                    | 4.50          | 35 x 35                          |
| 18000                        | 381LX183M016A012       | 0.040              | 0.034         | 3.50                    | 4.00          | 35 x 25                          | 22000                        | 381LX223M025K452       | 0.025              | 0.022         | 4.30                    | 4.90          | 30 x 45                          |

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

| 查询"381LX333M025A052"供应商      |                        |                    |               |                         |               |                                  |
|------------------------------|------------------------|--------------------|---------------|-------------------------|---------------|----------------------------------|
| Cap.<br>(µF)                 | Catalog<br>Part Number | ESR Max<br>@ 25 °C |               | Ripple Amps<br>@ 105 °C |               | Nominal<br>Size<br>D x L<br>(mm) |
|                              |                        | 120 Hz<br>(Ω)      | 20 kHz<br>(Ω) | 120 Hz<br>(A)           | 20 kHz<br>(A) |                                  |
| 27000                        | 381LX273M025A452       | 0.021              | 0.019         | 4.80                    | 5.50          | 35 x 45                          |
| 27000                        | 383L273M025N042        | 0.020              | 0.013         | 4.60                    | 5.60          | 40 x 40                          |
| 33000                        | 381LX333M025A052       | 0.018              | 0.016         | 5.50                    | 6.30          | 35 x 50                          |
| 33000                        | 383LX333M025N042       | 0.018              | 0.016         | 5.50                    | 6.33          | 40 x 40                          |
| 39000                        | 381L393M025A062        | 0.014              | 0.009         | 6.10                    | 7.60          | 35 x 63                          |
| 39000                        | 383L393M025N052        | 0.015              | 0.010         | 5.80                    | 7.00          | 40 x 50                          |
| 47000                        | 381LX473M025A062       | 0.017              | 0.015         | 6.50                    | 7.50          | 35 x 63                          |
| 47000                        | 381L473M025A072        | 0.012              | 0.008         | 7.10                    | 8.70          | 35 x 70                          |
| 47000                        | 383LX473M025N052       | 0.015              | 0.014         | 6.50                    | 7.40          | 40 x 50                          |
| 47000                        | 383L473M025N062        | 0.012              | 0.008         | 6.90                    | 8.30          | 40 x 63                          |
| 56000                        | 381L563M025A082        | 0.010              | 0.007         | 7.90                    | 9.70          | 35 x 80                          |
| 56000                        | 383LX563M025N062       | 0.015              | 0.012         | 7.20                    | 8.25          | 40 x 63                          |
| 68000                        | 383L683M025N082        | 0.009              | 0.007         | 8.70                    | 10.20         | 40 x 80                          |
| 82000                        | 381LX823M025A102       | 0.013              | 0.012         | 8.58                    | 9.87          | 35 x 105                         |
| 82000                        | 383LX823M025N082       | 0.014              | 0.011         | 8.70                    | 10.00         | 40 x 80                          |
| 82000                        | 383LX823M025B052V      | 0.016              | 0.015         | 9.20                    | 10.58         | 50 x 50                          |
| 100000                       | 383LX104M025N102       | 0.012              | 0.010         | 9.76                    | 11.22         | 40 x 105                         |
| 100000                       | 383LX104M025B062V      | 0.015              | 0.013         | 10.02                   | 11.52         | 50 x 63                          |
| 120000                       | 383LX124M025B082V      | 0.013              | 0.012         | 10.93                   | 12.57         | 50 x 80                          |
| 150000                       | 383LX154M025B092V      | 0.012              | 0.011         | 11.70                   | 13.46         | 50 x 92                          |
| 180000                       | 383LX184M025B102V      | 0.010              | 0.009         | 12.42                   | 14.28         | 50 x 105                         |
| <b>35 Vdc (44 Vdc Surge)</b> |                        |                    |               |                         |               |                                  |
| 1500                         | 381LX152M035H202       | 0.287              | 0.216         | 1.10                    | 1.30          | 22 x 20                          |
| 1500                         | 381LX152M035H012       | 0.287              | 0.216         | 1.10                    | 1.30          | 22 x 25                          |
| 2200                         | 381LX222M035H012       | 0.200              | 0.150         | 1.40                    | 1.60          | 22 x 25                          |
| 2200                         | 381LX222M035J202       | 0.200              | 0.150         | 1.40                    | 1.60          | 25 x 20                          |
| 3300                         | 381LX332M035H012       | 0.121              | 0.091         | 1.90                    | 2.20          | 22 x 25                          |
| 3300                         | 381LX332M035K202       | 0.130              | 0.100         | 1.70                    | 2.00          | 30 x 20                          |
| 3900                         | 381LX392M035H022       | 0.110              | 0.080         | 2.00                    | 2.30          | 22 x 30                          |
| 4700                         | 381LX472M035H032       | 0.090              | 0.070         | 2.20                    | 2.50          | 22 x 35                          |
| 4700                         | 381LX472M035J012       | 0.090              | 0.070         | 2.20                    | 2.50          | 25 x 25                          |
| 4700                         | 381LX472M035A202       | 0.095              | 0.070         | 2.00                    | 2.30          | 35 x 20                          |
| 5600                         | 381LX562M035H032       | 0.071              | 0.054         | 2.40                    | 2.80          | 22 x 35                          |
| 5600                         | 381LX562M035J022       | 0.071              | 0.054         | 2.40                    | 2.80          | 25 x 30                          |
| 5600                         | 381LX562M035K012       | 0.071              | 0.054         | 2.40                    | 2.80          | 30 x 25                          |
| 6800                         | 381LX682M035H042       | 0.059              | 0.045         | 2.60                    | 3.00          | 22 x 40                          |
| 6800                         | 381LX682M035J032       | 0.059              | 0.045         | 2.60                    | 3.00          | 25 x 35                          |
| 6800                         | 381LX682M035K022       | 0.059              | 0.045         | 2.60                    | 3.00          | 30 x 30                          |
| 8200                         | 381LX822M035H052       | 0.049              | 0.037         | 2.90                    | 3.30          | 22 x 50                          |
| 8200                         | 381LX822M035J042       | 0.049              | 0.037         | 2.90                    | 3.30          | 25 x 40                          |
| 8200                         | 381LX822M035K022       | 0.049              | 0.037         | 2.90                    | 3.30          | 30 x 30                          |
| 8200                         | 381LX822M035A012       | 0.049              | 0.037         | 2.90                    | 3.30          | 35 x 25                          |
| 10000                        | 381LX103M035J452       | 0.040              | 0.030         | 3.20                    | 3.70          | 25 x 45                          |
| 10000                        | 381LX103M035K032       | 0.040              | 0.030         | 3.20                    | 3.70          | 30 x 35                          |
| 10000                        | 381LX103M035A022       | 0.040              | 0.030         | 3.20                    | 3.70          | 35 x 30                          |
| 12000                        | 381LX123M035J052       | 0.033              | 0.025         | 3.50                    | 4.00          | 25 x 50                          |
| 12000                        | 381LX123M035K042       | 0.033              | 0.025         | 3.50                    | 4.00          | 30 x 40                          |
| 12000                        | 381LX123M035A022       | 0.033              | 0.025         | 3.50                    | 4.00          | 35 x 30                          |
| 15000                        | 381LX153M035K452       | 0.030              | 0.020         | 3.90                    | 4.50          | 30 x 45                          |
| 15000                        | 381LX153M035A032       | 0.030              | 0.020         | 3.90                    | 4.50          | 35 x 35                          |
| 18000                        | 381LX183M035A042       | 0.030              | 0.021         | 4.30                    | 4.90          | 35 x 40                          |
| 22000                        | 381LX223M035A052       | 0.023              | 0.017         | 5.00                    | 5.80          | 35 x 50                          |
| 22000                        | 383LX223M035N042       | 0.023              | 0.017         | 5.00                    | 5.75          | 40 x 40                          |
| 27000                        | 381LX273M035A062       | 0.025              | 0.018         | 5.50                    | 6.40          | 35 x 63                          |

| Cap.<br>(µF)                 | Catalog<br>Part Number | ESR Max<br>@ 25 °C |               | Ripple Amps<br>@ 105 °C |               | Nominal<br>Size<br>D x L<br>(mm) |
|------------------------------|------------------------|--------------------|---------------|-------------------------|---------------|----------------------------------|
|                              |                        | 120 Hz<br>(Ω)      | 20 kHz<br>(Ω) | 120 Hz<br>(A)           | 20 kHz<br>(A) |                                  |
| 33000                        | 381L333M035A072        | 0.014              | 0.009         | 6.40                    | 8.10          | 35 x 70                          |
| 33000                        | 383L333M035N062        | 0.019              | 0.014         | 6.60                    | 7.60          | 40 x 63                          |
| 39000                        | 381LX393M035A082       | 0.019              | 0.014         | 6.50                    | 7.50          | 35 x 80                          |
| 47000                        | 381LX473M035A102       | 0.017              | 0.013         | 8.07                    | 9.28          | 35 x 105                         |
| 47000                        | 383L473M035N082        | 0.018              | 0.013         | 7.80                    | 9.00          | 40 x 80                          |
| 47000                        | 383LX473M035B052V      | 0.021              | 0.016         | 8.25                    | 9.49          | 50 x 50                          |
| 56000                        | 383LX563M035B062V      | 0.019              | 0.014         | 9.07                    | 10.43         | 50 x 63                          |
| 68000                        | 383LX683M035N102       | 0.016              | 0.012         | 9.27                    | 10.66         | 40 x 105                         |
| 68000                        | 383LX683M035B082V      | 0.017              | 0.013         | 10.07                   | 11.58         | 50 x 80                          |
| 82000                        | 383LX823M035B092V      | 0.015              | 0.011         | 10.89                   | 12.52         | 50 x 92                          |
| 100000                       | 383LX104M035B102V      | 0.013              | 0.010         | 11.75                   | 13.51         | 50 x 105                         |
| <b>50 Vdc (63 Vdc Surge)</b> |                        |                    |               |                         |               |                                  |
| 1000                         | 381LX102M050H202       | 0.260              | 0.200         | .90                     | 1.00          | 22 x 20                          |
| 1000                         | 381LX102M050H012       | 0.230              | 0.170         | .90                     | 1.00          | 22 x 25                          |
| 1500                         | 381LX152M050H012       | 0.155              | 0.120         | 1.25                    | 1.45          | 22 x 25                          |
| 1500                         | 381LX152M050J202       | 0.177              | 0.130         | 1.20                    | 1.40          | 25 x 20                          |
| 1800                         | 381LX182M050H012       | 0.129              | 0.097         | 1.50                    | 1.70          | 22 x 25                          |
| 2200                         | 381LX222M050H022       | 0.105              | 0.080         | 1.70                    | 2.00          | 22 x 30                          |
| 2200                         | 381LX222M050K202       | 0.121              | 0.090         | 1.40                    | 1.60          | 30 x 20                          |
| 2700                         | 381LX272M050H022       | 0.086              | 0.064         | 1.80                    | 2.10          | 22 x 30                          |
| 2700                         | 381LX272M050J012       | 0.086              | 0.064         | 1.80                    | 2.10          | 25 x 25                          |
| 3300                         | 381LX332M050H032       | 0.070              | 0.053         | 2.00                    | 2.30          | 22 x 35                          |
| 3300                         | 381LX332M050J022       | 0.070              | 0.053         | 2.00                    | 2.30          | 25 x 30                          |
| 3300                         | 381LX332M050A202       | 0.085              | 0.064         | 1.70                    | 2.00          | 35 x 20                          |
| 3900                         | 381LX392M050H042       | 0.065              | 0.050         | 2.20                    | 2.50          | 22 x 40                          |
| 3900                         | 381LX392M050J032       | 0.065              | 0.050         | 2.20                    | 2.50          | 25 x 35                          |
| 3900                         | 381LX392M050K012       | 0.065              | 0.050         | 2.20                    | 2.50          | 30 x 25                          |
| 4700                         | 381LX472M050H452       | 0.053              | 0.040         | 2.50                    | 2.90          | 22 x 45                          |
| 4700                         | 381LX471M050J042       | 0.053              | 0.040         | 2.50                    | 2.90          | 25 x 40                          |
| 4700                         | 381LX472M050K022       | 0.053              | 0.040         | 2.50                    | 2.90          | 30 x 30                          |
| 4700                         | 381LX472M050A012       | 0.053              | 0.040         | 2.50                    | 2.90          | 35 x 25                          |
| 5600                         | 381LX562M050H052       | 0.050              | 0.038         | 2.80                    | 3.20          | 22 x 50                          |
| 5600                         | 381LX562M050J042       | 0.050              | 0.038         | 2.80                    | 3.20          | 25 x 40                          |
| 5600                         | 381LX562M050K032       | 0.050              | 0.038         | 2.80                    | 3.20          | 30 x 35                          |
| 5600                         | 381LX562M050A022       | 0.050              | 0.038         | 2.80                    | 3.20          | 35 x 30                          |
| 6800                         | 381LX682M050J052       | 0.046              | 0.035         | 3.30                    | 3.80          | 25 x 50                          |
| 6800                         | 381LX682M050K042       | 0.046              | 0.035         | 3.30                    | 3.80          | 30 x 40                          |
| 6800                         | 381LX682M050A022       | 0.046              | 0.035         | 3.30                    | 3.80          | 35 x 30                          |
| 8200                         | 381LX822M050K452       | 0.040              | 0.030         | 3.60                    | 4.10          | 30 x 45                          |
| 8200                         | 381LX822M050A032       | 0.040              | 0.030         | 3.60                    | 4.10          | 35 x 35                          |
| 10000                        | 381LX103M050K052       | 0.033              | 0.025         | 4.00                    | 4.60          | 30 x 50                          |
| 10000                        | 381LX103M050A042       | 0.033              | 0.025         | 4.00                    | 4.60          | 35 x 40                          |
| 12000                        | 381LX123M050A452       | 0.028              | 0.021         | 4.50                    | 5.20          | 35 x 45                          |
| 12000                        | 383L123M050N042        | 0.029              | 0.018         | 3.80                    | 4.80          | 40 x 40                          |
| 15000                        | 381LX153M050A052       | 0.022              | 0.018         | 4.80                    | 5.50          | 35 x 50                          |
| 15000                        | 381L153M050A062        | 0.020              | 0.012         | 5.10                    | 6.50          | 35 x 63                          |
| 15000                        | 383LX153M050N042       | 0.022              | 0.018         | 4.80                    | 5.52          | 40 x 40                          |
| 15000                        | 383L153M050N052        | 0.021              | 0.013         | 4.90                    | 6.10          | 40 x 50                          |
| 18000                        | 381L183M050A072        | 0.017              | 0.010         | 5.90                    | 7.50          | 35 x 70                          |
| 18000                        | 383L183M050N062        | 0.017              | 0.011         | 5.80                    | 7.20          | 40 x 63                          |
| 18000                        | 381LX183M050A062       | 0.028              | 0.022         | 5.30                    | 6.00          | 35 x 63                          |
| 22000                        | 381L223M050A082        | 0.014              | 0.009         | 6.70                    | 8.40          | 35 x 80                          |
| 22000                        | 383LX223M050N052       | 0.016              | 0.013         | 5.10                    | 5.90          | 40 x 50                          |
| 27000                        | 381LX273M050A082       | 0.015              | 0.012         | 6.20                    | 7.10          | 35 x 80                          |

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

[查询"381LX333M025A052"供应商](#)

| Cap.<br>(µF)                 | Catalog<br>Part Number | ESR Max<br>@ 25 °C |               | Ripple Amps<br>@ 105 °C |               | Nominal<br>Size<br>D x L<br>(mm) |
|------------------------------|------------------------|--------------------|---------------|-------------------------|---------------|----------------------------------|
|                              |                        | 120 Hz<br>(Ω)      | 20 kHz<br>(Ω) | 120 Hz<br>(A)           | 20 kHz<br>(A) |                                  |
| 27000                        | 383L273M050N082        | 0.013              | 0.009         | 7.40                    | 9.00          | 40 x 80                          |
| 33000                        | 381LX333M050A102       | 0.013              | 0.010         | 7.23                    | 8.31          | 35 x 105                         |
| 33000                        | 383LX333M050B052V      | 0.018              | 0.014         | 7.75                    | 8.91          | 50 x 50                          |
| 39000                        | 383LX393M050N082       | 0.013              | 0.010         | 6.20                    | 7.10          | 40 x 80                          |
| 39000                        | 383LX393M050B062V      | 0.016              | 0.013         | 8.40                    | 9.66          | 50 x 63                          |
| 47000                        | 383LX473M050N102       | 0.012              | 0.010         | 8.18                    | 9.41          | 40 x 105                         |
| 47000                        | 383LX473M050B082V      | 0.014              | 0.011         | 9.19                    | 10.57         | 50 x 80                          |
| 56000                        | 383LX563M050B092V      | 0.012              | 0.009         | 9.79                    | 11.26         | 50 x 92                          |
| 68000                        | 383LX683M050B102V      | 0.011              | 0.009         | 10.40                   | 12.00         | 50 x 105                         |
| <b>63 Vdc (79 Vdc Surge)</b> |                        |                    |               |                         |               |                                  |
| 680                          | 381LX681M063H202       | 0.463              | 0.350         | .90                     | 1.00          | 22 x 20                          |
| 680                          | 381LX681M063H012       | 0.410              | 0.310         | .90                     | 1.00          | 22 x 25                          |
| 1000                         | 381LX102M063H012       | 0.280              | 0.210         | 1.18                    | 1.35          | 22 x 25                          |
| 1000                         | 381LX102M063J202       | 0.315              | 0.240         | 1.20                    | 1.40          | 25 x 20                          |
| 1200                         | 381LX122M063H012       | 0.235              | 0.180         | 1.40                    | 1.60          | 22 x 25                          |
| 1500                         | 381LX152M063H022       | 0.190              | 0.140         | 1.50                    | 1.70          | 22 x 30                          |
| 1500                         | 381LX152M063K202       | 0.210              | 0.160         | 1.30                    | 1.50          | 30 x 20                          |
| 1800                         | 381LX182M063H022       | 0.157              | 0.117         | 1.70                    | 1.96          | 22 x 30                          |
| 1800                         | 381LX182M063J012       | 0.157              | 0.117         | 1.70                    | 2.00          | 25 x 25                          |
| 2200                         | 381LX222M063H032       | 0.130              | 0.096         | 2.00                    | 2.30          | 22 x 35                          |
| 2200                         | 381LX222M063J022       | 0.130              | 0.096         | 2.00                    | 2.30          | 25 x 30                          |
| 2200                         | 381LX222M063A202       | 0.143              | 0.110         | 1.50                    | 1.70          | 35 x 20                          |
| 2700                         | 381LX272M063H042       | 0.105              | 0.080         | 2.20                    | 2.50          | 22 x 40                          |
| 2700                         | 381LX272M063J032       | 0.105              | 0.080         | 2.20                    | 2.50          | 25 x 35                          |
| 2700                         | 381LX272M063K012       | 0.105              | 0.080         | 2.20                    | 2.50          | 30 x 25                          |
| 3300                         | 381LX332M063H052       | 0.090              | 0.070         | 2.50                    | 2.90          | 22 x 50                          |
| 3300                         | 381LX332M063J042       | 0.090              | 0.070         | 2.50                    | 2.90          | 25 x 40                          |
| 3300                         | 381LX332M063K022       | 0.090              | 0.070         | 2.50                    | 2.90          | 30 x 30                          |
| 3300                         | 381LX332M063A012       | 0.090              | 0.070         | 2.50                    | 2.90          | 35 x 25                          |
| 3900                         | 381LX392M063J452       | 0.080              | 0.060         | 2.70                    | 3.10          | 25 x 45                          |
| 3900                         | 381LX392M063K032       | 0.080              | 0.060         | 2.70                    | 3.10          | 30 x 35                          |
| 3900                         | 381LX392M063A022       | 0.080              | 0.060         | 2.70                    | 3.10          | 35 x 30                          |
| 4700                         | 381LX472M063J052       | 0.063              | 0.048         | 3.00                    | 3.50          | 25 x 50                          |
| 4700                         | 381LX472M063K042       | 0.063              | 0.048         | 3.00                    | 3.50          | 30 x 40                          |
| 4700                         | 381LX472M063A022       | 0.063              | 0.048         | 3.00                    | 3.50          | 35 x 30                          |
| 5600                         | 381LX562M063K452       | 0.055              | 0.040         | 3.30                    | 3.80          | 30 x 45                          |
| 5600                         | 381LX562M063A032       | 0.055              | 0.040         | 3.30                    | 3.80          | 35 x 35                          |
| 6800                         | 381LX682M063K052       | 0.050              | 0.040         | 3.60                    | 4.10          | 30 x 50                          |
| 6800                         | 381LX682M063A042       | 0.050              | 0.040         | 3.60                    | 4.10          | 35 x 40                          |
| 8200                         | 381LX822M063A452       | 0.040              | 0.030         | 3.90                    | 4.50          | 35 x 45                          |
| 8200                         | 383L822M063N042        | 0.031              | 0.018         | 3.70                    | 4.80          | 40 x 40                          |
| 10000                        | 381LX103M063A052       | 0.033              | 0.028         | 4.40                    | 5.10          | 35 x 50                          |
| 12000                        | 381LX123M063A052       | 0.030              | 0.025         | 4.40                    | 5.10          | 35 x 50                          |
| 12000                        | 381L123M063A062        | 0.029              | 0.012         | 4.20                    | 6.50          | 35 x 63                          |
| 12000                        | 383LX123M063N042       | 0.030              | 0.028         | 4.52                    | 5.20          | 40 x 40                          |
| 12000                        | 383L123M063N052        | 0.022              | 0.013         | 4.70                    | 6.10          | 40 x 50                          |
| 15000                        | 381LX153M063A062       | 0.024              | 0.021         | 4.90                    | 5.70          | 35 x 63                          |
| 15000                        | 383LX153M063N052       | 0.027              | 0.023         | 4.80                    | 5.50          | 40 x 50                          |
| 15000                        | 383L153M063N062        | 0.018              | 0.011         | 5.70                    | 7.20          | 40 x 63                          |
| 18000                        | 381LX183M063A082       | 0.022              | 0.019         | 5.80                    | 6.70          | 35 x 80                          |
| 18000                        | 383LX183M063N062       | 0.023              | 0.020         | 5.40                    | 6.20          | 40 x 63                          |
| 22000                        | 383L223M063N082        | 0.013              | 0.009         | 7.20                    | 9.00          | 40 x 80                          |
| 22000                        | 383LX223M063B052V      | 0.019              | 0.016         | 6.76                    | 7.77          | 50 x 50                          |

| Cap.<br>(µF)                  | Catalog<br>Part Number | ESR Max<br>@ 25 °C |               | Ripple Amps<br>@ 105 °C |               | Nominal<br>Size<br>D x L<br>(mm) |
|-------------------------------|------------------------|--------------------|---------------|-------------------------|---------------|----------------------------------|
|                               |                        | 120 Hz<br>(Ω)      | 20 kHz<br>(Ω) | 120 Hz<br>(A)           | 20 kHz<br>(A) |                                  |
| 27000                         | 383LX273M063N082       | 0.017              | 0.014         | 6.60                    | 7.60          | 40 x 80                          |
| 27000                         | 383LX273M063B062V      | 0.017              | 0.014         | 7.34                    | 8.44          | 50 x 63                          |
| 33000                         | 383LX333M063B082V      | 0.015              | 0.013         | 8.00                    | 9.20          | 50 x 80                          |
| 39000                         | 383LX393M063N102       | 0.014              | 0.012         | 7.53                    | 8.66          | 40 x 105                         |
| 39000                         | 383LX393M063B092V      | 0.014              | 0.012         | 8.48                    | 9.75          | 50 x 92                          |
| 47000                         | 383LX473M063B102V      | 0.012              | 0.010         | 8.99                    | 10.34         | 50 x 105                         |
| <b>80 Vdc (100 Vdc Surge)</b> |                        |                    |               |                         |               |                                  |
| 470                           | 381LX471M080H202       | 0.460              | 0.300         | .80                     | .90           | 22 x 20                          |
| 470                           | 381LX471M080H012       | 0.390              | 0.270         | .80                     | .90           | 22 x 25                          |
| 680                           | 381LX681M080H012       | 0.270              | 0.190         | 1.00                    | 1.15          | 22 x 25                          |
| 680                           | 381LX681M080J202       | 0.317              | 0.206         | 1.00                    | 1.20          | 25 x 20                          |
| 820                           | 381LX821M080H012       | 0.222              | 0.145         | 1.20                    | 1.40          | 22 x 25                          |
| 1000                          | 381LX102M080H022       | 0.182              | 0.120         | 1.30                    | 1.50          | 22 x 30                          |
| 1000                          | 381LX102M080J012       | 0.182              | 0.120         | 1.30                    | 1.50          | 25 x 25                          |
| 1000                          | 381LX102M080K202       | 0.220              | 0.140         | 1.20                    | 1.40          | 30 x 20                          |
| 1200                          | 381LX122M080H022       | 0.170              | 0.120         | 1.50                    | 1.70          | 22 x 30                          |
| 1200                          | 381LX122M080J012       | 0.170              | 0.120         | 1.50                    | 1.70          | 25 x 25                          |
| 1500                          | 381LX152M080H032       | 0.133              | 0.093         | 1.70                    | 2.00          | 22 x 35                          |
| 1500                          | 381LX152M080J022       | 0.133              | 0.093         | 1.70                    | 2.00          | 25 x 30                          |
| 1500                          | 381LX152M080A202       | 0.155              | 0.110         | 1.40                    | 1.60          | 35 x 20                          |
| 1800                          | 381LX182M080H042       | 0.111              | 0.080         | 1.80                    | 2.10          | 22 x 40                          |
| 1800                          | 381LX182M080J032       | 0.111              | 0.080         | 1.80                    | 2.10          | 25 x 35                          |
| 1800                          | 381LX182M080K012       | 0.111              | 0.080         | 1.80                    | 2.10          | 30 x 25                          |
| 2200                          | 381LX222M080H452       | 0.090              | 0.063         | 2.10                    | 2.40          | 22 x 45                          |
| 2200                          | 381LX222M080J032       | 0.090              | 0.063         | 2.10                    | 2.40          | 25 x 35                          |
| 2200                          | 381LX222M080K022       | 0.090              | 0.063         | 2.10                    | 2.40          | 30 x 30                          |
| 2200                          | 381LX222M080A012       | 0.090              | 0.063         | 2.10                    | 2.40          | 35 x 25                          |
| 2700                          | 381LX272M080J452       | 0.074              | 0.055         | 2.40                    | 2.80          | 25 x 45                          |
| 2700                          | 381LX272M080K032       | 0.074              | 0.055         | 2.40                    | 2.80          | 30 x 35                          |
| 2700                          | 381LX272M080A022       | 0.074              | 0.055         | 2.40                    | 2.80          | 35 x 30                          |
| 3300                          | 381LX332M080J052       | 0.065              | 0.049         | 2.60                    | 3.00          | 25 x 50                          |
| 3300                          | 381LX332M080K042       | 0.065              | 0.049         | 2.60                    | 3.00          | 30 x 40                          |
| 3300                          | 381LX332M080A022       | 0.065              | 0.049         | 2.60                    | 3.00          | 35 x 30                          |
| 3900                          | 381LX392M080K452       | 0.060              | 0.044         | 3.00                    | 3.50          | 30 x 45                          |
| 3900                          | 381LX392M080A032       | 0.060              | 0.044         | 3.00                    | 3.50          | 35 x 35                          |
| 4700                          | 381LX472M080K052       | 0.048              | 0.036         | 3.30                    | 3.80          | 30 x 50                          |
| 4700                          | 381LX472M080A042       | 0.048              | 0.036         | 3.30                    | 3.80          | 35 x 40                          |
| 5600                          | 381LX562M080A452       | 0.050              | 0.038         | 3.70                    | 4.30          | 35 x 45                          |
| 5600                          | 383L562M080N042        | 0.035              | 0.022         | 3.50                    | 4.40          | 40 x 40                          |
| 6800                          | 381LX682M080A052       | 0.041              | 0.031         | 3.90                    | 4.50          | 35 x 50                          |
| 6800                          | 383LX682M080N042       | 0.041              | 0.031         | 3.90                    | 4.49          | 40 x 40                          |
| 8200                          | 381L822M080A062        | 0.024              | 0.014         | 4.60                    | 5.90          | 35 x 63                          |
| 8200                          | 383L822M080N052        | 0.025              | 0.016         | 4.40                    | 5.60          | 40 x 50                          |
| 10000                         | 381L103M080A072        | 0.020              | 0.012         | 5.40                    | 6.90          | 35 x 70                          |
| 10000                         | 383L103M080N062        | 0.021              | 0.013         | 5.30                    | 6.70          | 40 x 63                          |
| 12000                         | 381L123M080A082        | 0.017              | 0.011         | 6.10                    | 7.70          | 35 x 80                          |
| 12000                         | 383LX123M080B052V      | 0.035              | 0.026         | 6.03                    | 6.93          | 50 x 50                          |
| 15000                         | 381L153M080A102        | 0.024              | 0.018         | 6.13                    | 7.05          | 35 x 105                         |
| 15000                         | 383L153M080N082        | 0.015              | 0.010         | 6.80                    | 8.40          | 40 x 80                          |
| 15000                         | 383LX153M080B062V      | 0.028              | 0.021         | 6.65                    | 7.65          | 50 x 63                          |
| 18000                         | 383LX183M080B082V      | 0.026              | 0.019         | 7.29                    | 8.38          | 50 x 80                          |
| 22000                         | 383LX223M080N102       | 0.019              | 0.014         | 6.95                    | 7.99          | 40 x 105                         |
| 22000                         | 383LX223M080B092V      | 0.022              | 0.016         | 7.83                    | 9.00          | 50 x 92                          |
| 27000                         | 383LX273M080B102V      | 0.018              | 0.014         | 8.38                    | 9.64          | 50 x 105                         |

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

查询"381LX333M025A052"供应商

| Cap.<br>(µF)                   | Catalog<br>Part Number | ESR Max<br>@ 25 °C |               | Ripple Amps<br>@ 105 °C |               | Nominal<br>Size<br>D x L<br>(mm) |
|--------------------------------|------------------------|--------------------|---------------|-------------------------|---------------|----------------------------------|
|                                |                        | 120 Hz<br>(Ω)      | 20 kHz<br>(Ω) | 120 Hz<br>(A)           | 20 kHz<br>(A) |                                  |
| 330                            | 381LX331M100H202       | 0.653              | 0.392         | .80                     | 1.20          | 22 x 20                          |
| 330                            | 381LX331M100H012       | 0.550              | 0.330         | .80                     | 1.20          | 22 x 25                          |
| 470                            | 381LX471M100H012       | 0.390              | 0.230         | .92                     | 1.40          | 22 x 25                          |
| 470                            | 381LX471M100J202       | 0.460              | 0.275         | 1.00                    | 1.50          | 25 x 20                          |
| 560                            | 381LX561M100H012       | 0.300              | 0.180         | 1.10                    | 1.30          | 22 x 25                          |
| 680                            | 381LX681M100K202       | 0.317              | 0.190         | 1.10                    | 1.70          | 30 x 20                          |
| 820                            | 381LX821M100H022       | 0.202              | 0.120         | 1.40                    | 2.10          | 22 x 30                          |
| 820                            | 381LX821M100J012       | 0.202              | 0.120         | 1.40                    | 2.10          | 25 x 25                          |
| 1000                           | 381LX102M100H032       | 0.182              | 0.110         | 1.70                    | 2.55          | 22 x 35                          |
| 1000                           | 381LX102M100J022       | 0.182              | 0.110         | 1.70                    | 2.55          | 25 x 30                          |
| 1000                           | 381LX102M100A202       | 0.216              | 0.130         | 1.20                    | 1.80          | 35 x 20                          |
| 1200                           | 381LX122M100H042       | 0.152              | 0.091         | 1.80                    | 2.70          | 22 x 40                          |
| 1200                           | 381LX122M100J032       | 0.152              | 0.091         | 1.80                    | 2.70          | 25 x 35                          |
| 1200                           | 381LX122M100K012       | 0.152              | 0.091         | 1.80                    | 2.70          | 30 x 25                          |
| 1500                           | 381LX152M100H452       | 0.122              | 0.073         | 2.10                    | 3.15          | 22 x 45                          |
| 1500                           | 381LX152M100J042       | 0.122              | 0.073         | 2.10                    | 3.15          | 25 x 40                          |
| 1500                           | 381LX152M100K022       | 0.122              | 0.073         | 2.10                    | 3.15          | 30 x 30                          |
| 1500                           | 381LX152M100A012       | 0.122              | 0.073         | 2.10                    | 3.15          | 35 x 25                          |
| 1800                           | 381LX182M100J452       | 0.111              | 0.072         | 2.30                    | 3.45          | 25 x 45                          |
| 1800                           | 381LX182M100K032       | 0.111              | 0.072         | 2.30                    | 3.45          | 30 x 35                          |
| 1800                           | 381LX182M100A022       | 0.111              | 0.072         | 2.30                    | 3.45          | 35 x 30                          |
| 2200                           | 381LX222M100J052       | 0.090              | 0.060         | 2.60                    | 3.90          | 25 x 50                          |
| 2200                           | 381LX222M100K042       | 0.090              | 0.060         | 2.60                    | 3.90          | 30 x 40                          |
| 2200                           | 381LX222M100A022       | 0.090              | 0.060         | 2.60                    | 3.90          | 35 x 30                          |
| 2700                           | 381LX272M100K452       | 0.080              | 0.052         | 2.90                    | 4.35          | 30 x 45                          |
| 2700                           | 381LX272M100A032       | 0.080              | 0.052         | 2.90                    | 4.35          | 35 x 35                          |
| 3300                           | 381LX332M100K052       | 0.075              | 0.053         | 3.20                    | 4.80          | 30 x 50                          |
| 3300                           | 381LX332M100A042       | 0.075              | 0.053         | 3.20                    | 4.80          | 35 x 40                          |
| 3900                           | 381LX392M100A452       | 0.064              | 0.045         | 3.60                    | 5.40          | 35 x 45                          |
| 4700                           | 381LX472M100A052       | 0.053              | 0.040         | 3.80                    | 5.70          | 35 x 50                          |
| 4700                           | 381L472M100A062        | 0.032              | 0.013         | 4.00                    | 5.80          | 35 x 63                          |
| 4700                           | 383LX472M100N042       | 0.053              | 0.040         | 3.80                    | 5.70          | 40 x 40                          |
| 5600                           | 381LX562M100A062       | 0.044              | 0.033         | 4.10                    | 4.70          | 35 x 63                          |
| 5600                           | 381L562M100A072        | 0.027              | 0.011         | 4.70                    | 6.70          | 35 x 70                          |
| 5600                           | 383L562M100N062        | 0.027              | 0.012         | 4.60                    | 6.50          | 40 x 63                          |
| 6800                           | 381L682M100A082        | 0.023              | 0.010         | 5.30                    | 7.50          | 35 x 80                          |
| 6800                           | 383LX682M100N052       | 0.037              | 0.027         | 4.60                    | 5.30          | 40 x 50                          |
| 8200                           | 381LX822M100A082       | 0.030              | 0.023         | 5.15                    | 5.90          | 35 x 80                          |
| 8200                           | 383LX822M100N062       | 0.030              | 0.023         | 5.00                    | 5.77          | 40 x 63                          |
| 8200                           | 383L822M100N082        | 0.020              | 0.009         | 6.00                    | 8.20          | 40 x 80                          |
| 8200                           | 383LX822M100B052V      | 0.030              | 0.023         | 6.14                    | 7.06          | 50 x 50                          |
| 10000                          | 381LX103M100A102       | 0.025              | 0.019         | 6.38                    | 7.34          | 35 x 105                         |
| 12000                          | 383LX123M100N082       | 0.021              | 0.016         | 6.44                    | 7.40          | 40 x 80                          |
| 12000                          | 383LX123M100B062V      | 0.022              | 0.017         | 7.17                    | 8.25          | 50 x 63                          |
| 15000                          | 383LX153M100N102       | 0.017              | 0.012         | 7.37                    | 8.48          | 40 x 105                         |
| 15000                          | 383LX153M100B082V      | 0.019              | 0.014         | 8.01                    | 9.21          | 50 x 80                          |
| 18000                          | 383LX183M100B092V      | 0.017              | 0.012         | 8.64                    | 9.94          | 50 x 92                          |
| 22000                          | 383LX223M100B102V      | 0.015              | 0.011         | 9.32                    | 10.72         | 50 x 105                         |
| <b>160 Vdc (200 Vdc Surge)</b> |                        |                    |               |                         |               |                                  |
| 150                            | 381LX151M160H202       | 1.437              | 0.647         | .55                     | .77           | 22 x 20                          |
| 150                            | 381LX151M160H012       | 1.220              | 0.550         | .60                     | .85           | 22 x 25                          |
| 220                            | 381LX221M160H012       | 0.830              | 0.370         | .90                     | 1.25          | 22 x 25                          |
| 220                            | 381LX221M160J202       | 0.980              | 0.441         | .80                     | 1.10          | 25 x 20                          |
| 270                            | 381LX271M160H012       | 0.675              | 0.304         | 1.10                    | 1.50          | 22 x 25                          |

| Cap.<br>(µF)                   | Catalog<br>Part Number | ESR Max<br>@ 25 °C |               | Ripple Amps<br>@ 105 °C |               | Nominal<br>Size<br>D x L<br>(mm) |
|--------------------------------|------------------------|--------------------|---------------|-------------------------|---------------|----------------------------------|
|                                |                        | 120 Hz<br>(Ω)      | 20 kHz<br>(Ω) | 120 Hz<br>(A)           | 20 kHz<br>(A) |                                  |
| 330                            | 381LX331M160K202       | 0.553              | 0.249         | 1.00                    | 1.40          | 30 x 20                          |
| 390                            | 381LX391M160H022       | 0.553              | 0.249         | 1.30                    | 1.80          | 22 x 30                          |
| 390                            | 381LX391M160J012       | 0.553              | 0.249         | 1.30                    | 1.80          | 25 x 25                          |
| 470                            | 381LX471M160H022       | 0.423              | 0.190         | 1.40                    | 2.00          | 22 x 30                          |
| 470                            | 381LX471M160A202       | 0.459              | 0.206         | 1.10                    | 1.60          | 35 x 20                          |
| 560                            | 381LX561M160H032       | 0.355              | 0.160         | 1.50                    | 2.10          | 22 x 35                          |
| 560                            | 381LX561M160J022       | 0.385              | 0.173         | 1.50                    | 2.10          | 25 x 30                          |
| 560                            | 381LX561M160K012       | 0.385              | 0.173         | 1.50                    | 2.10          | 30 x 25                          |
| 680                            | 381LX681M160H042       | 0.293              | 0.132         | 1.70                    | 2.40          | 22 x 40                          |
| 680                            | 381LX681M160J022       | 0.293              | 0.132         | 1.70                    | 2.40          | 25 x 30                          |
| 820                            | 381LX821M160H452       | 0.243              | 0.109         | 2.00                    | 2.80          | 22 x 45                          |
| 820                            | 381LX821M160J032       | 0.243              | 0.109         | 2.00                    | 2.80          | 25 x 35                          |
| 820                            | 381LX821M160K022       | 0.263              | 0.118         | 2.00                    | 2.80          | 30 x 30                          |
| 1000                           | 381LX102M160H052       | 0.199              | 0.090         | 2.20                    | 3.10          | 22 x 50                          |
| 1000                           | 381LX102M160J042       | 0.199              | 0.090         | 2.20                    | 3.10          | 25 x 40                          |
| 1000                           | 381LX102M160K022       | 0.199              | 0.090         | 2.20                    | 3.10          | 30 x 30                          |
| 1000                           | 381LX102M160A012       | 0.199              | 0.090         | 2.20                    | 3.10          | 35 x 25                          |
| 1200                           | 381LX122M160J452       | 0.180              | 0.090         | 2.30                    | 3.20          | 25 x 45                          |
| 1200                           | 381LX122M160K032       | 0.180              | 0.090         | 2.30                    | 3.20          | 30 x 35                          |
| 1200                           | 381LX122M160A022       | 0.180              | 0.090         | 2.30                    | 3.20          | 35 x 30                          |
| 1500                           | 381LX152M160K042       | 0.144              | 0.072         | 2.50                    | 3.50          | 30 x 40                          |
| 1500                           | 381LX152M160A022       | 0.144              | 0.072         | 2.50                    | 3.50          | 35 x 30                          |
| 1800                           | 381LX182M160K452       | 0.129              | 0.064         | 2.70                    | 3.80          | 30 x 45                          |
| 1800                           | 381LX182M160A032       | 0.129              | 0.064         | 2.70                    | 3.80          | 35 x 35                          |
| 2200                           | 381LX222M160A452       | 0.105              | 0.063         | 2.90                    | 4.10          | 35 x 45                          |
| 2200                           | 381L222M160A062        | 0.050              | 0.027         | 3.30                    | 4.50          | 35 x 63                          |
| 2200                           | 383L222M160N042        | 0.100              | 0.060         | 2.90                    | 4.10          | 40 x 40                          |
| 2700                           | 381LX272M160A052       | 0.086              | 0.052         | 3.10                    | 4.40          | 35 x 50                          |
| 2700                           | 381L272M160A072        | 0.043              | 0.023         | 3.80                    | 5.20          | 35 x 70                          |
| 2700                           | 383L272M160N062        | 0.045              | 0.027         | 3.80                    | 5.00          | 40 x 63                          |
| 3300                           | 381L332M160A082        | 0.037              | 0.020         | 3.80                    | 5.90          | 35 x 80                          |
| 3300                           | 383LX332M160N052       | 0.070              | 0.040         | 3.40                    | 4.70          | 40 x 40                          |
| 3900                           | 383L392M160A082        | 0.029              | 0.017         | 4.90                    | 6.30          | 40 x 80                          |
| <b>180 Vdc (225 Vdc Surge)</b> |                        |                    |               |                         |               |                                  |
| 220                            | 381LX221M180H012       | 0.904              | 0.461         | 1.00                    | 1.40          | 22 x 25                          |
| 270                            | 381LX271M180H012       | 0.737              | 0.376         | 1.10                    | 1.50          | 22 x 25                          |
| 330                            | 381LX331M180H022       | 0.603              | 0.308         | 1.20                    | 1.70          | 22 x 30                          |
| 330                            | 381LX331M180J012       | 0.603              | 0.308         | 1.20                    | 1.70          | 25 x 25                          |
| 390                            | 381LX391M180H022       | 0.510              | 0.260         | 1.30                    | 1.80          | 22 x 30                          |
| 390                            | 381LX391M180J012       | 0.510              | 0.260         | 1.30                    | 1.80          | 25 x 25                          |
| 470                            | 381LX471M180H032       | 0.423              | 0.216         | 1.40                    | 2.00          | 22 x 35                          |
| 470                            | 381LX471M180J022       | 0.423              | 0.216         | 1.40                    | 2.00          | 25 x 30                          |
| 470                            | 381LX471M180K012       | 0.423              | 0.216         | 1.40                    | 2.00          | 30 x 25                          |
| 560                            | 381LX561M180H042       | 0.355              | 0.181         | 1.50                    | 2.10          | 22 x 40                          |
| 560                            | 381LX561M180J022       | 0.355              | 0.181         | 1.50                    | 2.10          | 25 x 30                          |
| 560                            | 381LX561M180J032       | 0.355              | 0.181         | 1.50                    | 2.10          | 25 x 35                          |
| 560                            | 381LX561M180K012       | 0.355              | 0.181         | 1.50                    | 2.10          | 30 x 25                          |
| 680                            | 381LX681M180H452       | 0.293              | 0.149         | 1.70                    | 2.40          | 22 x 45                          |
| 680                            | 381LX681M180H052       | 0.293              | 0.149         | 1.70                    | 2.40          | 22 x 50                          |
| 680                            | 381LX681M180J032       | 0.293              | 0.149         | 1.70                    | 2.40          | 25 x 35                          |
| 680                            | 381LX681M180J042       | 0.293              | 0.149         | 1.70                    | 2.40          | 25 x 40                          |
| 680                            | 381LX681M180K022       | 0.293              | 0.149         | 1.70                    | 2.40          | 30 x 30                          |
| 820                            | 381LX821M180H052       | 0.243              | 0.124         | 2.00                    | 2.80          | 22 x 50                          |
| 820                            | 381LX821M180J042       | 0.243              | 0.124         | 2.00                    | 2.80          | 25 x 40                          |

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

[查询"381LX333M025A052"供应商](#)

| Cap.<br>(µF)                   | Catalog<br>Part Number | ESR Max<br>@ 25 °C |               | Ripple Amps<br>@ 105 °C |               | Nominal<br>Size<br>D x L<br>(mm) |
|--------------------------------|------------------------|--------------------|---------------|-------------------------|---------------|----------------------------------|
|                                |                        | 120 Hz<br>(Ω)      | 20 kHz<br>(Ω) | 120 Hz<br>(A)           | 20 kHz<br>(A) |                                  |
| 820                            | 381LX821M180K022       | 0.243              | 0.124         | 2.00                    | 2.80          | 30 x 30                          |
| 820                            | 381LX821M180K032       | 0.243              | 0.124         | 2.00                    | 2.80          | 30 x 35                          |
| 1000                           | 381LX102M180J452       | 0.199              | 0.102         | 2.20                    | 3.10          | 25 x 45                          |
| 1000                           | 381LX102M180K032       | 0.199              | 0.102         | 2.20                    | 3.10          | 30 x 35                          |
| 1000                           | 381LX102M180K042       | 0.199              | 0.102         | 2.20                    | 3.10          | 30 x 40                          |
| 1000                           | 381LX102M180A022       | 0.199              | 0.102         | 2.20                    | 3.10          | 35 x 30                          |
| 1200                           | 381LX122M180J052       | 0.166              | 0.085         | 2.30                    | 3.20          | 25 x 50                          |
| 1200                           | 381LX122M180K042       | 0.166              | 0.085         | 2.30                    | 3.20          | 30 x 40                          |
| 1200                           | 381LX122M180K452       | 0.166              | 0.085         | 2.30                    | 3.20          | 30 x 45                          |
| 1200                           | 381LX122M180A022       | 0.166              | 0.085         | 2.30                    | 3.20          | 35 x 30                          |
| 1500                           | 381LX152M180K452       | 0.133              | 0.068         | 2.50                    | 3.50          | 30 x 45                          |
| 1500                           | 381LX152M180K052       | 0.133              | 0.068         | 2.50                    | 3.50          | 30 x 50                          |
| 1500                           | 381LX152M180A032       | 0.133              | 0.068         | 2.50                    | 3.50          | 35 x 35                          |
| 1500                           | 381LX152M180A042       | 0.133              | 0.068         | 2.50                    | 3.50          | 35 x 40                          |
| 1800                           | 381L182M180A062        | 0.055              | 0.028         | 3.20                    | 4.50          | 35 x 63                          |
| 1800                           | 383L182M180N052        | 0.059              | 0.033         | 3.10                    | 4.20          | 40 x 50                          |
| 1800                           | 381LX182M180A452       | 0.111              | 0.028         | 2.70                    | 3.80          | 35 x 45                          |
| 2200                           | 381L222M180A072        | 0.046              | 0.024         | 3.70                    | 5.20          | 35 x 70                          |
| 2200                           | 383L222M180N062        | 0.048              | 0.027         | 3.70                    | 4.90          | 40 x 63                          |
| 2200                           | 381LX222M180A052       | 0.090              | 0.046         | 2.90                    | 4.10          | 35 x 50                          |
| 2700                           | 381L272M180A082        | 0.039              | 0.021         | 4.30                    | 5.90          | 35 x 80                          |
| 3300                           | 383L332M180N082        | 0.035              | 0.020         | 4.80                    | 6.30          | 40 x 80                          |
| <b>200 Vdc (250 Vdc Surge)</b> |                        |                    |               |                         |               |                                  |
| 100                            | 381LX101M200H202       | 1.989              | 0.895         | .50                     | .70           | 22 x 20                          |
| 100                            | 381LX101M200H012       | 1.660              | 0.750         | .50                     | .70           | 22 x 25                          |
| 150                            | 381LX151M200H012       | 1.100              | 0.500         | .70                     | .95           | 22 x 25                          |
| 150                            | 381LX151M200J022       | 1.326              | 0.600         | .70                     | .90           | 25 x 20                          |
| 220                            | 381LX221M200H012       | 0.754              | 0.339         | 1.00                    | 1.40          | 22 x 25                          |
| 220                            | 381LX221M200K202       | 0.904              | 0.407         | .90                     | 1.20          | 30 x 20                          |
| 270                            | 381LX271M200H022       | 0.614              | 0.276         | 1.10                    | 1.50          | 22 x 30                          |
| 270                            | 381LX271M200J012       | 0.614              | 0.276         | 1.10                    | 1.50          | 25 x 25                          |
| 330                            | 381LX331M200H022       | 0.603              | 0.308         | 1.20                    | 1.70          | 22 x 30                          |
| 330                            | 381LX331M200J012       | 0.603              | 0.308         | 1.20                    | 1.70          | 25 x 25                          |
| 330                            | 381LX331M200A202       | 0.603              | 0.271         | 1.10                    | 1.50          | 35 x 20                          |
| 390                            | 381LX391M200H022       | 0.510              | 0.230         | 1.30                    | 1.80          | 22 x 30                          |
| 390                            | 381LX391M200J012       | 0.510              | 0.230         | 1.30                    | 1.80          | 25 x 25                          |
| 470                            | 381LX471M200H032       | 0.423              | 0.190         | 1.40                    | 2.00          | 22 x 35                          |
| 470                            | 381LX471M200J022       | 0.423              | 0.190         | 1.40                    | 2.00          | 25 x 30                          |
| 470                            | 381LX471M200K012       | 0.353              | 0.159         | 1.40                    | 2.00          | 30 x 25                          |
| 560                            | 381LX561M200H042       | 0.355              | 0.160         | 1.50                    | 2.10          | 22 x 40                          |
| 560                            | 381LX561M200J022       | 0.355              | 0.160         | 1.50                    | 2.10          | 25 x 30                          |
| 560                            | 381LX561M200K012       | 0.355              | 0.160         | 1.50                    | 2.10          | 30 x 25                          |
| 680                            | 381LX681M200H452       | 0.293              | 0.132         | 1.70                    | 2.40          | 22 x 45                          |
| 680                            | 381LX681M200J032       | 0.293              | 0.132         | 1.70                    | 2.40          | 25 x 35                          |
| 680                            | 381LX681M200K022       | 0.244              | 0.110         | 1.70                    | 2.40          | 30 x 30                          |
| 820                            | 381LX821M200J452       | 0.263              | 0.118         | 2.00                    | 2.80          | 25 x 45                          |
| 820                            | 381LX821M200K022       | 0.263              | 0.118         | 2.00                    | 2.80          | 30 x 30                          |
| 820                            | 381LX821M200A012       | 0.263              | 0.118         | 2.00                    | 2.80          | 35 x 25                          |
| 1000                           | 381LX102M200J052       | 0.216              | 0.108         | 2.20                    | 3.10          | 25 x 50                          |
| 1000                           | 381LX102M200K032       | 0.216              | 0.108         | 2.20                    | 3.10          | 30 x 35                          |
| 1000                           | 381LX102M200A022       | 0.216              | 0.108         | 2.20                    | 3.10          | 35 x 30                          |
| 1200                           | 381LX122M200K042       | 0.193              | 0.097         | 2.30                    | 3.20          | 30 x 40                          |
| 1200                           | 381LX122M200A032       | 0.193              | 0.097         | 2.30                    | 3.20          | 35 x 35                          |
| 1500                           | 381LX152M200K052       | 0.155              | 0.077         | 2.50                    | 3.50          | 30 x 50                          |

| Cap.<br>(µF)                   | Catalog<br>Part Number | ESR Max<br>@ 25 °C |               | Ripple Amps<br>@ 105 °C |               | Nominal<br>Size<br>D x L<br>(mm) |
|--------------------------------|------------------------|--------------------|---------------|-------------------------|---------------|----------------------------------|
|                                |                        | 120 Hz<br>(Ω)      | 20 kHz<br>(Ω) | 120 Hz<br>(A)           | 20 kHz<br>(A) |                                  |
| 1800                           | 381LX182M200A452       | 0.129              | 0.077         | 2.70                    | 3.80          | 35 x 45                          |
| 1800                           | 381L182M200A062        | 0.055              | 0.028         | 3.20                    | 4.50          | 35 x 63                          |
| 1800                           | 383LX182M200N042       | 0.129              | 0.077         | 2.70                    | 3.78          | 40 x 40                          |
| 1800                           | 383L182M200N052        | 0.063              | 0.033         | 3.00                    | 4.10          | 40 x 50                          |
| 2200                           | 381LX222M200A052       | 0.105              | 0.063         | 2.90                    | 4.00          | 35 x 50                          |
| 2200                           | 381L222M200A082        | 0.042              | 0.021         | 4.10                    | 5.80          | 35 x 80                          |
| 2200                           | 383L222M200N062        | 0.051              | 0.027         | 3.60                    | 4.90          | 40 x 63                          |
| 2700                           | 381LX272M200A062       | 0.080              | 0.047         | 3.65                    | 5.11          | 35 x 63                          |
| 2700                           | 383LX272M200N052       | 0.086              | 0.052         | 3.55                    | 4.97          | 40 x 50                          |
| 2700                           | 383L272M200N082        | 0.032              | 0.018         | 4.60                    | 6.20          | 40 x 80                          |
| 3300                           | 381LX332M200A082       | 0.065              | 0.039         | 4.50                    | 6.33          | 35 x 80                          |
| 3300                           | 383LX332M200N062       | 0.700              | 0.040         | 4.40                    | 6.20          | 40 x 63                          |
| 3300                           | 383LX332M200B052V      | 0.075              | 0.045         | 5.20                    | 7.28          | 50 x 50                          |
| 3900                           | 383LX392M200B062V      | 0.064              | 0.038         | 5.90                    | 8.26          | 50 x 63                          |
| 4700                           | 381LX472M200A102       | 0.046              | 0.028         | 5.70                    | 7.98          | 35 x 105                         |
| 4700                           | 383LX472M200N082       | 0.050              | 0.030         | 5.75                    | 8.10          | 40 x 80                          |
| 4700                           | 383LX472M200B082V      | 0.053              | 0.032         | 6.82                    | 9.55          | 50 x 80                          |
| 5600                           | 383LX562M200N102       | 0.041              | 0.025         | 6.76                    | 9.46          | 40 x 105                         |
| 5600                           | 383LX562M200B092V      | 0.044              | 0.027         | 7.68                    | 10.75         | 50 x 92                          |
| 6800                           | 383LX682M200B102V      | 0.034              | 0.020         | 8.71                    | 12.19         | 50 x 105                         |
| <b>250 Vdc (300 Vdc Surge)</b> |                        |                    |               |                         |               |                                  |
| 68                             | 381LX680M250H202       | 2.926              | 1.493         | .40                     | .60           | 22 x 20                          |
| 68                             | 381LX680M250H012       | 2.440              | 1.220         | .40                     | .60           | 22 x 25                          |
| 100                            | 381LX101M250H012       | 1.660              | 0.830         | .55                     | .78           | 22 x 25                          |
| 100                            | 381LX101M250J022       | 1.989              | 1.015         | .50                     | .70           | 25 x 20                          |
| 150                            | 381LX151M250H012       | 1.330              | 0.660         | .65                     | .90           | 22 x 25                          |
| 150                            | 381LX151M250K202       | 1.110              | 0.553         | .75                     | 1.05          | 30 x 20                          |
| 180                            | 381LX181M250H012       | 0.921              | 0.461         | .90                     | 1.26          | 22 x 25                          |
| 220                            | 381LX221M250H022       | 0.754              | 0.377         | 1.00                    | 1.40          | 22 x 30                          |
| 220                            | 381LX221M250J012       | 0.754              | 0.377         | 1.00                    | 1.40          | 25 x 25                          |
| 220                            | 381LX221M250A202       | 0.904              | 0.452         | .90                     | 1.20          | 35 x 20                          |
| 270                            | 381LX271M250H032       | 0.614              | 0.307         | 1.10                    | 1.50          | 22 x 35                          |
| 270                            | 381LX271M250J022       | 0.614              | 0.307         | 1.10                    | 1.50          | 25 x 30                          |
| 270                            | 381LX271M250K012       | 0.614              | 0.307         | 1.10                    | 1.50          | 30 x 25                          |
| 330                            | 381LX331M250H042       | 0.502              | 0.251         | 1.20                    | 1.70          | 22 x 40                          |
| 330                            | 381LX331M250J022       | 0.502              | 0.251         | 1.20                    | 1.70          | 25 x 30                          |
| 330                            | 381LX331M250K012       | 0.502              | 0.251         | 1.20                    | 1.70          | 30 x 25                          |
| 390                            | 381LX391M250H452       | 0.425              | 0.213         | 1.30                    | 1.80          | 22 x 45                          |
| 390                            | 381LX391M250J032       | 0.425              | 0.213         | 1.30                    | 1.80          | 25 x 35                          |
| 390                            | 381LX391M250K012       | 0.425              | 0.213         | 1.30                    | 1.80          | 30 x 25                          |
| 470                            | 381LX471M250H052       | 0.353              | 0.176         | 1.40                    | 2.00          | 22 x 50                          |
| 470                            | 381LX471M250J042       | 0.353              | 0.176         | 1.40                    | 2.00          | 25 x 40                          |
| 470                            | 381LX471M250K022       | 0.353              | 0.176         | 1.40                    | 2.00          | 30 x 30                          |
| 560                            | 381LX561M250J452       | 0.296              | 0.148         | 1.50                    | 2.10          | 25 x 45                          |
| 560                            | 381LX561M250K032       | 0.296              | 0.148         | 1.50                    | 2.10          | 30 x 35                          |
| 560                            | 381LX561M250A012       | 0.296              | 0.148         | 1.50                    | 2.10          | 35 x 25                          |
| 680                            | 381LX681M250J052       | 0.244              | 0.134         | 1.70                    | 2.38          | 25 x 50                          |
| 680                            | 381LX681M250K042       | 0.244              | 0.134         | 1.70                    | 2.38          | 30 x 40                          |
| 680                            | 381LX681M250A022       | 0.244              | 0.134         | 1.70                    | 2.38          | 35 x 30                          |
| 680                            | 381L681M250A052        | 0.293              | 0.149         | 1.80                    | 2.50          | 35 x 50                          |
| 820                            | 381LX821M250K452       | 0.202              | 0.111         | 2.00                    | 2.80          | 30 x 45                          |
| 820                            | 381LX821M250A032       | 0.202              | 0.111         | 2.00                    | 2.80          | 35 x 35                          |
| 1000                           | 381LX102M250K052       | 0.199              | 0.109         | 2.20                    | 3.10          | 30 x 50                          |
| 1000                           | 381LX102M250A042       | 0.199              | 0.109         | 2.20                    | 3.10          | 35 x 40                          |

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

查询"381LX333M025A052"供应商

| Cap. (µF)                      | Catalog Part Number | ESR Max @ 25 °C |            | Ripple Amps @ 105 °C |            | Nominal Size D x L (mm) |
|--------------------------------|---------------------|-----------------|------------|----------------------|------------|-------------------------|
|                                |                     | 120 Hz (Ω)      | 20 kHz (Ω) | 120 Hz (A)           | 20 kHz (A) |                         |
| 1200                           | 383LX122M250N042    | 0.180           | 0.117      | 2.66                 | 3.72       | 40 x 40                 |
| 1200                           | 383L122M250N052     | 0.081           | 0.031      | 2.60                 | 4.30       | 40 x 50                 |
| 1500                           | 381LX152M250A052    | 0.144           | 0.093      | 2.50                 | 3.50       | 35 x 50                 |
| 1500                           | 381L152M250A072     | 0.066           | 0.021      | 3.10                 | 5.50       | 35 x 70                 |
| 1800                           | 381L182M250A082     | 0.057           | 0.018      | 3.60                 | 6.30       | 35 x 80                 |
| 1800                           | 383LX182M250N052    | 0.120           | 0.078      | 3.25                 | 4.55       | 40 x 50                 |
| 1800                           | 383L182M250N062     | 0.066           | 0.025      | 3.10                 | 5.10       | 40 x 63                 |
| 2200                           | 381LX222M250A082    | 0.096           | 0.064      | 3.75                 | 5.25       | 35 x 80                 |
| 2200                           | 383LX222M250N062    | 0.098           | 0.064      | 3.70                 | 5.15       | 40 x 63                 |
| 2200                           | 383L222M250N082     | 0.043           | 0.017      | 4.00                 | 6.40       | 40 x 80                 |
| 2200                           | 383LX222M250B052V   | 0.098           | 0.064      | 4.35                 | 6.09       | 50 x 50                 |
| 2700                           | 381LX272M250A102    | 0.080           | 0.052      | 4.80                 | 6.72       | 35 x 105                |
| 2700                           | 383LX272M250N082    | 0.092           | 0.047      | 3.10                 | 4.30       | 40 x 80                 |
| 2700                           | 383LX272M250B062V   | 0.080           | 0.052      | 4.98                 | 6.97       | 50 x 63                 |
| 3300                           | 383LX332M250N082    | 0.065           | 0.042      | 4.86                 | 6.80       | 40 x 80                 |
| 3900                           | 383LX392M250N102    | 0.055           | 0.036      | 5.61                 | 7.85       | 40 x 105                |
| 3900                           | 383LX392M250B082V   | 0.055           | 0.036      | 6.10                 | 8.54       | 50 x 80                 |
| 4300                           | 383LX432M250B092V   | 0.050           | 0.033      | 6.67                 | 9.34       | 50 x 92                 |
| 4700                           | 383LX472M250B102V   | 0.046           | 0.030      | 7.03                 | 9.84       | 50 x 105                |
| <b>315 Vdc (365 Vdc Surge)</b> |                     |                 |            |                      |            |                         |
| 82                             | 381LX820M315H012    | 2.426           | 1.238      | .60                  | .90        | 22 x 25                 |
| 100                            | 381LX101M315H022    | 1.989           | 1.015      | .70                  | 1.00       | 22 x 30                 |
| 120                            | 381LX121M315H022    | 1.658           | 0.846      | .80                  | 1.10       | 22 x 30                 |
| 120                            | 381LX121M315J012    | 1.658           | 0.846      | .80                  | 1.10       | 25 x 25                 |
| 150                            | 381LX151M315H032    | 1.326           | 0.677      | .80                  | 1.10       | 22 x 35                 |
| 150                            | 381LX151M315J022    | 1.326           | 0.677      | .80                  | 1.10       | 25 x 30                 |
| 150                            | 381LX151M315K012    | 1.326           | 0.677      | .80                  | 1.10       | 30 x 25                 |
| 180                            | 381LX181M315H042    | 1.105           | 0.564      | .90                  | 1.30       | 22 x 40                 |
| 180                            | 381LX181M315J022    | 1.105           | 0.564      | .90                  | 1.30       | 25 x 30                 |
| 180                            | 381LX181M315J032    | 1.105           | 0.564      | .90                  | 1.30       | 25 x 35                 |
| 180                            | 381LX181M315K012    | 1.105           | 0.564      | .90                  | 1.30       | 30 x 25                 |
| 220                            | 381LX221M315H452    | 0.904           | 0.461      | 1.00                 | 1.40       | 22 x 45                 |
| 220                            | 381LX221M315J032    | 0.904           | 0.461      | 1.00                 | 1.40       | 25 x 35                 |
| 220                            | 381LX221M315J042    | 0.904           | 0.461      | 1.00                 | 1.40       | 25 x 40                 |
| 220                            | 381LX221M315K012    | 0.904           | 0.461      | 1.00                 | 1.40       | 30 x 25                 |
| 220                            | 381LX221M315K022    | 0.904           | 0.461      | 1.00                 | 1.40       | 30 x 30                 |
| 270                            | 381LX271M315H052    | 0.737           | 0.376      | 1.10                 | 1.50       | 22 x 50                 |
| 270                            | 381LX271M315J042    | 0.737           | 0.376      | 1.10                 | 1.50       | 25 x 40                 |
| 270                            | 381LX271M315J452    | 0.737           | 0.376      | 1.10                 | 1.50       | 25 x 45                 |
| 270                            | 381LX271M315K022    | 0.737           | 0.376      | 1.10                 | 1.50       | 30 x 30                 |
| 270                            | 381LX271M315K032    | 0.737           | 0.376      | 1.10                 | 1.50       | 30 x 35                 |
| 270                            | 381L271M315K042     | 0.737           | 0.376      | 1.10                 | 1.50       | 30 x 40                 |
| 270                            | 381LX271M315A022    | 0.737           | 0.376      | 1.10                 | 1.50       | 35 x 30                 |
| 330                            | 381LX331M315J452    | 0.603           | 0.308      | 1.20                 | 1.70       | 25 x 45                 |
| 330                            | 381LX331M315J052    | 0.603           | 0.308      | 1.20                 | 1.70       | 25 x 50                 |
| 330                            | 381LX331M315K032    | 0.603           | 0.308      | 1.20                 | 1.70       | 30 x 35                 |
| 330                            | 381LX331M315K042    | 0.603           | 0.308      | 1.20                 | 1.70       | 30 x 40                 |
| 330                            | 381LX331M315A022    | 0.603           | 0.308      | 1.20                 | 1.70       | 35 x 30                 |
| 390                            | 381LX391M315K452    | 0.510           | 0.260      | 1.30                 | 1.80       | 30 x 45                 |
| 390                            | 381LX391M315A032    | 0.510           | 0.260      | 1.30                 | 1.80       | 35 x 35                 |
| 470                            | 381LX471M315K452    | 0.423           | 0.216      | 1.40                 | 2.00       | 30 x 45                 |
| 470                            | 381LX471M315K052    | 0.423           | 0.216      | 1.40                 | 2.00       | 30 x 50                 |
| 470                            | 381LX471M315A032    | 0.423           | 0.216      | 1.40                 | 2.00       | 35 x 35                 |
| 470                            | 381LX471M315A042    | 0.423           | 0.216      | 1.40                 | 2.00       | 35 x 40                 |

| Cap. (µF)                      | Catalog Part Number | ESR Max @ 25 °C |            | Ripple Amps @ 105 °C |            | Nominal Size D x L (mm) |
|--------------------------------|---------------------|-----------------|------------|----------------------|------------|-------------------------|
|                                |                     | 120 Hz (Ω)      | 20 kHz (Ω) | 120 Hz (A)           | 20 kHz (A) |                         |
| 560                            | 381LX561M315A042    | 0.355           | 0.181      | 1.50                 | 2.10       | 35 x 40                 |
| 560                            | 381LX561M315A452    | 0.355           | 0.181      | 1.50                 | 2.10       | 35 x 45                 |
| 680                            | 381LX681M315A452    | 0.293           | 0.149      | 1.70                 | 2.40       | 35 x 45                 |
| 680                            | 381LX681M315A052    | 0.293           | 0.149      | 1.70                 | 2.40       | 35 x 50                 |
| 820                            | 381L821M315A062     | 0.180           | 0.130      | 1.70                 | 2.10       | 35 x 63                 |
| 820                            | 383L821M315N052     | 0.190           | 0.130      | 1.70                 | 2.10       | 40 x 50                 |
| 820                            | 381LX821M315A052    | 0.242           | 0.030      | 2.00                 | 2.80       | 35 x 50                 |
| 1000                           | 381L102M315A072     | 0.150           | 0.110      | 2.00                 | 2.50       | 35 x 70                 |
| 1200                           | 381L122M315A082     | 0.130           | 0.089      | 2.30                 | 2.80       | 35 x 80                 |
| 1200                           | 383L122M315N062     | 0.150           | 0.110      | 2.10                 | 2.50       | 40 x 63                 |
| 1500                           | 383L152M315N082     | 0.110           | 0.055      | 2.70                 | 3.20       | 40 x 80                 |
| <b>350 Vdc (400 Vdc Surge)</b> |                     |                 |            |                      |            |                         |
| 82                             | 381LX820M350H012    | 2.426           | 1.238      | .60                  | .90        | 22 x 25                 |
| 100                            | 381LX101M350H022    | 1.989           | 1.015      | .70                  | 1.00       | 22 x 30                 |
| 100                            | 381LX101M350J012    | 1.989           | 1.015      | .70                  | 1.00       | 25 x 25                 |
| 120                            | 381LX121M350H022    | 1.658           | 0.846      | .80                  | 1.10       | 22 x 30                 |
| 120                            | 381LX121M350J012    | 1.658           | 0.846      | .80                  | 1.10       | 25 x 25                 |
| 150                            | 381LX151M350H032    | 1.326           | 0.677      | .80                  | 1.10       | 22 x 35                 |
| 150                            | 381LX151M350J022    | 1.326           | 0.677      | .80                  | 1.10       | 25 x 30                 |
| 150                            | 381LX151M350K012    | 1.326           | 0.677      | .80                  | 1.10       | 30 x 25                 |
| 180                            | 381LX181M350H042    | 1.105           | 0.564      | .90                  | 1.30       | 22 x 40                 |
| 180                            | 381LX181M350J022    | 1.105           | 0.564      | .90                  | 1.30       | 25 x 30                 |
| 180                            | 381LX181M350K012    | 1.105           | 0.564      | .90                  | 1.30       | 30 x 25                 |
| 220                            | 381LX221M350H452    | 0.904           | 0.461      | 1.00                 | 1.40       | 22 x 45                 |
| 220                            | 381LX221M350J032    | 0.904           | 0.461      | 1.00                 | 1.40       | 25 x 35                 |
| 220                            | 381LX221M350K022    | 0.904           | 0.461      | 1.00                 | 1.40       | 30 x 30                 |
| 270                            | 381LX271M350J452    | 0.737           | 0.376      | 1.10                 | 1.50       | 25 x 45                 |
| 270                            | 381LX271M350K022    | 0.737           | 0.376      | 1.10                 | 1.50       | 30 x 30                 |
| 270                            | 381LX271M350A012    | 0.737           | 0.376      | 1.10                 | 1.50       | 35 x 25                 |
| 330                            | 381LX331M350J052    | 0.603           | 0.308      | 1.20                 | 1.70       | 25 x 50                 |
| 330                            | 381LX331M350K042    | 0.603           | 0.308      | 1.20                 | 1.70       | 30 x 40                 |
| 330                            | 381LX331M350A022    | 0.603           | 0.308      | 1.20                 | 1.70       | 35 x 30                 |
| 390                            | 381LX391M350K452    | 0.510           | 0.260      | 1.30                 | 1.80       | 30 x 45                 |
| 390                            | 381LX391M350A022    | 0.510           | 0.260      | 1.30                 | 1.80       | 35 x 30                 |
| 470                            | 381LX471M350K052    | 0.423           | 0.216      | 1.40                 | 2.00       | 30 x 50                 |
| 470                            | 381LX471M350A042    | 0.423           | 0.216      | 1.40                 | 2.00       | 35 x 40                 |
| 560                            | 381LX561M350A452    | 0.355           | 0.181      | 1.50                 | 2.10       | 35 x 45                 |
| 560                            | 383L561M350N042     | 0.299           | 0.205      | 1.30                 | 1.50       | 40 x 40                 |
| 680                            | 381LX681M350A052    | 0.293           | 0.149      | 1.70                 | 2.40       | 35 x 50                 |
| 680                            | 383LX681M350N042    | 0.317           | 0.127      | 2.30                 | 3.22       | 40 x 40                 |
| 820                            | 381LX821M350A062    | 0.303           | 0.155      | 2.70                 | 3.70       | 35 x 63                 |
| 820                            | 383LX821M350N052    | 0.303           | 0.155      | 2.70                 | 3.70       | 40 x 50                 |
| 1000                           | 381L102M350A072     | 0.173           | 0.117      | 1.90                 | 2.30       | 35 x 70                 |
| 1000                           | 383L102M350N062     | 0.170           | 0.117      | 2.00                 | 2.40       | 40 x 63                 |
| 1000                           | 383LX102M350B052V   | 0.216           | 0.066      | 3.56                 | 4.96       | 50 x 50                 |
| 1200                           | 381LX122M350A082    | 0.207           | 0.106      | 3.20                 | 4.50       | 35 x 80                 |
| 1200                           | 383LX122M350N062    | 0.207           | 0.106      | 3.20                 | 4.50       | 40 x 63                 |
| 1500                           | 381LX152M350A102    | 0.144           | 0.057      | 4.78                 | 6.69       | 35 x 105                |
| 1500                           | 383LX152M350N082    | 0.166           | 0.085      | 3.80                 | 5.25       | 40 x 80                 |
| 1500                           | 383LX152M350B062V   | 0.144           | 0.057      | 4.16                 | 5.82       | 50 x 63                 |
| 1800                           | 383LX182M350N102    | 0.120           | 0.048      | 5.23                 | 7.32       | 40 x 105                |
| 1800                           | 383LX182M350B082V   | 0.120           | 0.048      | 5.69                 | 7.97       | 50 x 80                 |
| 2000                           | 383LX202M350B092V   | 0.108           | 0.043      | 6.34                 | 8.88       | 50 x 92                 |
| 2200                           | 383LX222M350B102V   | 0.098           | 0.039      | 6.60                 | 9.30       | 50 x 105                |

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

[查询"381LX333M025A052"供应商](#)

| Cap. (µF)                      | Catalog Part Number | ESR Max @ 25 °C |            | Ripple Amps @ 105 °C |            | Nominal Size D x L (mm) |
|--------------------------------|---------------------|-----------------|------------|----------------------|------------|-------------------------|
|                                |                     | 120 Hz (Ω)      | 20 kHz (Ω) | 120 Hz (A)           | 20 kHz (A) |                         |
| 33                             | 381LX330M400H202    | 5.024           | 1.760      | .20                  | .30        | 22 x 20                 |
| 33                             | 381LX330M400H012    | 4.500           | 1.600      | .30                  | .42        | 22 x 25                 |
| 47                             | 381LX470M400H012    | 2.800           | 1.000      | .43                  | .60        | 22 x 25                 |
| 47                             | 381LX470M400J202    | 3.530           | 1.240      | .30                  | .40        | 25 x 20                 |
| 56                             | 381LX560M400H012    | 2.360           | 0.830      | .50                  | .70        | 22 x 25                 |
| 68                             | 381LX680M400H022    | 1.950           | 0.683      | .60                  | .80        | 22 x 30                 |
| 68                             | 381LX680M400J012    | 1.950           | 0.683      | .60                  | .80        | 25 x 25                 |
| 68                             | 381LX680M400K202    | 2.440           | 0.853      | .40                  | .50        | 30 x 20                 |
| 82                             | 381LX820M400H022    | 2.022           | 0.071      | .60                  | .90        | 22 x 30                 |
| 82                             | 381LX820M400J012    | 1.620           | 0.570      | .60                  | .90        | 25 x 25                 |
| 100                            | 381LX101M400H022    | 1.658           | 0.580      | .70                  | 1.00       | 22 x 30                 |
| 100                            | 381LX101M400J012    | 1.658           | 0.580      | .70                  | 1.00       | 25 x 25                 |
| 100                            | 381LX101M400A202    | 1.658           | 0.580      | .50                  | .70        | 35 x 20                 |
| 120                            | 381LX121M400H032    | 1.380           | 0.484      | .80                  | 1.10       | 22 x 35                 |
| 120                            | 381LX121M400J022    | 1.380           | 0.484      | .80                  | 1.10       | 25 x 30                 |
| 120                            | 381LX121M400K012    | 1.110           | 0.387      | .80                  | 1.10       | 30 x 25                 |
| 150                            | 381LX151M400H042    | 1.110           | 0.387      | .80                  | 1.10       | 22 x 40                 |
| 150                            | 381LX151M400J022    | 1.110           | 0.387      | .80                  | 1.10       | 25 x 30                 |
| 150                            | 381LX151M400K012    | 1.110           | 0.387      | .80                  | 1.10       | 30 x 25                 |
| 180                            | 381LX181M400H452    | 0.921           | 0.322      | .90                  | 1.30       | 22 x 45                 |
| 180                            | 381LX181M400J032    | 0.921           | 0.322      | .90                  | 1.30       | 25 x 35                 |
| 180                            | 381LX181M400K022    | 0.921           | 0.322      | .90                  | 1.30       | 30 x 30                 |
| 180                            | 381LX181M400A012    | 0.737           | 0.258      | .90                  | 1.30       | 35 x 25                 |
| 220                            | 381LX221M400J452    | 0.754           | 0.264      | 1.10                 | 1.50       | 25 x 45                 |
| 220                            | 381LX221M400K022    | 0.754           | 0.264      | 1.10                 | 1.50       | 30 x 30                 |
| 220                            | 381LX221M400A012    | 0.754           | 0.264      | 1.10                 | 1.50       | 35 x 25                 |
| 270                            | 381LX271M400J052    | 0.614           | 0.215      | 1.20                 | 1.70       | 25 x 50                 |
| 270                            | 381LX271M400K032    | 0.614           | 0.215      | 1.20                 | 1.70       | 30 x 35                 |
| 270                            | 381LX271M400A022    | 0.614           | 0.215      | 1.20                 | 1.70       | 35 x 30                 |
| 330                            | 381LX331M400K452    | 0.502           | 0.201      | 1.40                 | 1.90       | 30 x 45                 |
| 330                            | 381LX331M400A032    | 0.502           | 0.201      | 1.40                 | 1.90       | 35 x 35                 |
| 390                            | 381LX391M400K052    | 0.425           | 0.170      | 1.55                 | 2.20       | 30 x 50                 |
| 390                            | 381LX391M400A042    | 0.425           | 0.170      | 1.55                 | 2.20       | 35 x 40                 |
| 470                            | 381LX471M400A452    | 0.353           | 0.141      | 1.80                 | 2.50       | 35 x 45                 |
| 470                            | 383LX471M400N042    | 0.353           | 0.141      | 1.80                 | 2.50       | 40 x 40                 |
| 560                            | 381LX561M400A052    | 0.296           | 0.118      | 1.80                 | 2.50       | 35 x 50                 |
| 680                            | 383LX681M400N052    | 0.244           | 0.098      | 2.20                 | 3.00       | 40 x 50                 |
| 820                            | 381LX821M400A062    | 0.202           | 0.081      | 2.44                 | 3.42       | 35 x 63                 |
| 820                            | 383LX821M400B052    | 0.202           | 0.081      | 2.58                 | 3.61       | 40 x 50                 |
| 820                            | 383LX821M400B052V   | 0.202           | 0.081      | 3.20                 | 4.40       | 50 x 50                 |
| 1000                           | 381LX102M400A082    | 0.202           | 0.081      | 3.00                 | 4.20       | 35 x 80                 |
| 1000                           | 383LX102M400N062    | 0.202           | 0.081      | 3.00                 | 4.20       | 40 x 63                 |
| 1200                           | 381LX122M400A102    | 0.138           | 0.055      | 3.80                 | 5.30       | 35 x 105                |
| 1200                           | 383LX122M400N082    | 0.138           | 0.055      | 3.80                 | 5.30       | 40 x 80                 |
| 1200                           | 383LX122M400B062V   | 0.152           | 0.061      | 4.20                 | 5.90       | 50 x 63                 |
| 1500                           | 383LX152M400N102    | 0.111           | 0.044      | 4.80                 | 6.70       | 40 x 105                |
| 1500                           | 383LX152M400B082V   | 0.122           | 0.049      | 5.20                 | 7.30       | 50 x 80                 |
| 1600                           | 383LX162M400B092V   | 0.114           | 0.046      | 5.60                 | 8.00       | 50 x 92                 |
| 1800                           | 383LX182M400B102V   | 0.101           | 0.041      | 6.48                 | 9.10       | 50 x 105                |
| <b>420 Vdc (470 Vdc Surge)</b> |                     |                 |            |                      |            |                         |
| 100                            | 381LX101M420H022    | 1.820           | 0.820      | .65                  | .90        | 22 x 30                 |
| 100                            | 381LX101M420J012    | 1.820           | 0.820      | .65                  | .90        | 25 x 25                 |
| 120                            | 381LX121M420H032    | 1.500           | 0.680      | .70                  | 1.00       | 22 x 35                 |
| 120                            | 381LX121M420J022    | 1.500           | 0.680      | .70                  | 1.00       | 25 x 30                 |
| 150                            | 381LX151M420H042    | 1.220           | 0.550      | .80                  | 1.10       | 22 x 40                 |
| 150                            | 381LX151M420J022    | 1.220           | 0.550      | .80                  | 1.10       | 25 x 30                 |
| 150                            | 381LX151M420K012    | 1.220           | 0.550      | .80                  | 1.10       | 30 x 25                 |
| 180                            | 381LX181M420H452    | 1.000           | 0.450      | .88                  | 1.20       | 22 x 45                 |

| Cap. (µF)                      | Catalog Part Number | ESR Max @ 25 °C |            | Ripple Amps @ 105 °C |            | Nominal Size D x L (mm) |
|--------------------------------|---------------------|-----------------|------------|----------------------|------------|-------------------------|
|                                |                     | 120 Hz (Ω)      | 20 kHz (Ω) | 120 Hz (A)           | 20 kHz (A) |                         |
| 180                            | 381LX181M420K022    | 1.000           | 0.450      | .88                  | 1.20       | 30 x 30                 |
| 220                            | 381LX221M420J452    | 0.750           | 0.260      | 1.10                 | 1.50       | 25 x 45                 |
| 220                            | 381LX221M420K022    | 0.750           | 0.260      | 1.10                 | 1.50       | 30 x 30                 |
| 220                            | 381LX221M420A012    | 0.750           | 0.260      | 1.10                 | 1.50       | 35 x 25                 |
| 270                            | 381LX271M420J052    | 0.610           | 0.210      | 1.20                 | 1.70       | 25 x 50                 |
| 270                            | 381LX271M420K032    | 0.610           | 0.210      | 1.20                 | 1.70       | 30 x 35                 |
| 270                            | 381LX271M420A022    | 0.610           | 0.210      | 1.20                 | 1.70       | 35 x 30                 |
| 330                            | 381LX331M420K452    | 0.500           | 0.200      | 1.35                 | 1.90       | 30 x 45                 |
| 330                            | 381LX331M420A032    | 0.502           | 0.200      | 1.35                 | 1.90       | 35 x 35                 |
| 390                            | 381LX391M420K052    | 0.420           | 0.170      | 1.55                 | 2.18       | 30 x 50                 |
| 390                            | 381LX391M420A042    | 0.420           | 0.170      | 1.55                 | 2.18       | 35 x 40                 |
| 470                            | 381LX471M420A452    | 0.350           | 0.141      | 1.75                 | 2.45       | 35 x 45                 |
| 470                            | 383LX471M420N042    | 0.350           | 0.141      | 1.78                 | 2.45       | 40 x 40                 |
| 560                            | 381LX561M420A052    | 0.300           | 0.120      | 1.80                 | 2.50       | 35 x 50                 |
| 680                            | 383LX681M420N052    | 0.250           | 0.100      | 2.10                 | 2.95       | 40 x 50                 |
| <b>450 Vdc (500 Vdc Surge)</b> |                     |                 |            |                      |            |                         |
| 56                             | 381LX560M450H012    | 2.366           | 0.947      | .40                  | .56        | 22 x 25                 |
| 68                             | 381LX680M450H022    | 1.950           | 0.780      | .50                  | .70        | 22 x 30                 |
| 68                             | 381LX680M450J012    | 1.950           | 0.780      | .50                  | .70        | 25 x 25                 |
| 82                             | 381LX820M450H022    | 3.235           | 1.651      | .60                  | .80        | 22 x 30                 |
| 82                             | 381LX820M450J012    | 2.022           | 0.708      | .56                  | .78        | 25 x 25                 |
| 100                            | 381LX101M450H032    | 1.660           | 0.580      | .65                  | .90        | 22 x 35                 |
| 100                            | 381LX101M450J022    | 1.660           | 0.580      | .65                  | .90        | 25 x 30                 |
| 100                            | 381LX101M450K012    | 1.660           | 0.580      | .65                  | .90        | 30 x 25                 |
| 120                            | 381LX121M450H042    | 1.382           | 0.484      | .70                  | 1.00       | 22 x 40                 |
| 120                            | 381LX121M450J032    | 1.382           | 0.484      | .70                  | 1.00       | 25 x 35                 |
| 120                            | 381LX121M450K012    | 1.382           | 0.484      | .70                  | 1.00       | 30 x 25                 |
| 150                            | 381LX151M450H052    | 1.100           | 0.390      | .80                  | 1.10       | 22 x 50                 |
| 150                            | 381LX151M450J042    | 1.100           | 0.390      | .80                  | 1.10       | 25 x 40                 |
| 150                            | 381LX151M450K022    | 1.100           | 0.390      | .80                  | 1.10       | 30 x 30                 |
| 150                            | 381LX151M450A012    | 1.100           | 0.390      | .80                  | 1.10       | 35 x 25                 |
| 180                            | 381LX181M450J452    | 0.920           | 0.320      | .90                  | 1.20       | 25 x 45                 |
| 180                            | 381LX181M450K032    | 0.920           | 0.320      | .90                  | 1.20       | 30 x 35                 |
| 220                            | 381LX221M450J052    | 0.750           | 0.260      | 1.00                 | 1.40       | 25 x 50                 |
| 220                            | 381LX221M450K042    | 0.750           | 0.260      | 1.00                 | 1.40       | 30 x 40                 |
| 220                            | 381LX221M450A022    | 0.750           | 0.260      | 1.00                 | 1.40       | 35 x 30                 |
| 270                            | 381LX271M450K452    | 0.614           | 0.246      | 1.20                 | 1.70       | 30 x 45                 |
| 270                            | 381LX271M450A032    | 0.614           | 0.246      | 1.20                 | 1.70       | 35 x 35                 |
| 330                            | 381LX331M450K052    | 0.502           | 0.201      | 1.40                 | 1.90       | 30 x 50                 |
| 330                            | 381LX331M450A042    | 0.502           | 0.176      | 1.40                 | 1.90       | 35 x 40                 |
| 390                            | 381LX391M450A452    | 0.425           | 0.150      | 1.60                 | 2.20       | 35 x 45                 |
| 390                            | 383LX391M450N042    | 0.425           | 0.170      | 1.68                 | 2.35       | 40 x 40                 |
| 470                            | 381LX471M450A052    | 0.353           | 0.123      | 1.70                 | 2.40       | 35 x 50                 |
| 470                            | 383LX471M450N042    | 0.350           | 0.140      | 1.75                 | 2.45       | 40 x 40                 |
| 560                            | 381LX561M450A062    | 0.296           | 0.104      | 2.20                 | 3.00       | 35 x 70                 |
| 560                            | 383LX561M450N052    | 0.296           | 0.104      | 2.20                 | 3.00       | 40 x 50                 |
| 680                            | 383L681M450A082     | 0.188           | 0.124      | 2.00                 | 2.50       | 35 x 80                 |
| 680                            | 383LX681M450N062    | 0.244           | 0.085      | 2.50                 | 3.50       | 40 x 63                 |
| 680                            | 383LX681M450B052V   | 0.244           | 0.085      | 2.90                 | 4.06       | 50 x 50                 |
| 820                            | 383LX821M450A082    | 0.202           | 0.071      | 2.70                 | 3.80       | 35 x 80                 |
| 820                            | 383LX821M450B062V   | 0.222           | 0.078      | 3.42                 | 4.79       | 50 x 63                 |
| 1000                           | 381LX102M450A102    | 0.166           | 0.058      | 3.47                 | 4.86       | 35 x 105                |
| 1000                           | 383LX102M450N082    | 0.166           | 0.058      | 3.50                 | 4.90       | 40 x 80                 |
| 1200                           | 383LX122M450N102    | 0.138           | 0.048      | 4.33                 | 6.06       | 40 x 105                |
| 1200                           | 383LX122M450B082V   | 0.152           | 0.053      | 4.70                 | 6.58       | 50 x 80                 |
| 1300                           | 383LX132M450B092V   | 0.140           | 0.049      | 5.16                 | 7.25       | 50 x 92                 |
| 1500                           | 383LX152M450B102V   | 0.122           | 0.043      | 6.03                 | 8.44       | 50 x 105                |