



**THE DATASHEET OF  
SLPX221M420A4P3**



# Type SLPX 85 °C Snap-In Aluminum Electrolytic

## Best Value 85 °C Snap-In Type



Type SLPX is the best value package snap-in series for 85 °C, 3000 h operation. This series is the most cost-effective choice for DC filtering and power supply applications where long life and high ripple capability are needed.

### Highlights

- 3000 h ripple load life at rated voltage
- 85 °C rated
- Small case size with high capacitance
- Best for switching power supplies
- 22 mm to 35 mm diameter, 10 mm lead spacing
- Great value snap-in type
- High ripple current

### Specifications

| Temperature Range                      | -40 °C to +85 °C ≤ 250 Vdc<br>-25 °C to +85 °C ≥ 315 Vdc  |               |       |               |       |      |      |      |      |         |       |        |       |             |              |      |      |      |      |               |      |      |      |      |
|--|---|---------------|-------|---------------|-------|------|------|------|------|---------|-------|--------|-------|-------------|--------------|------|------|------|------|---------------|------|------|------|------|
| Rated Voltage Range                    | 10 Vdc to 450 Vdc   |               |       |               |       |      |      |      |      |         |       |        |       |             |              |      |      |      |      |               |      |      |      |      |
| Capacitance Range                      | 68 μF to 82,000 μF  |               |       |               |       |      |      |      |      |         |       |        |       |             |              |      |      |      |      |               |      |      |      |      |
| Capacitance Tolerance                  | ±20%  |               |       |               |       |      |      |      |      |         |       |        |       |             |              |      |      |      |      |               |      |      |      |      |
| Leakage Current                        | ≤ 3 $\sqrt{CV}$ μA at 5 minutes   |               |       |               |       |      |      |      |      |         |       |        |       |             |              |      |      |      |      |               |      |      |      |      |
| Ripple Current Multipliers             | <p>Ambient Temperature</p> <table border="1"> <thead> <tr> <th>20 °C - 45 °C</th> <th>55 °C</th> <th>65 °C - 75 °C</th> <th>85 °C</th> </tr> </thead> <tbody> <tr> <td>1.58</td> <td>1.41</td> <td>1.22</td> <td>1.00</td> </tr> </tbody> </table> <p>Frequency</p> <table border="1"> <thead> <tr> <th>Voltage</th> <th>60 Hz</th> <th>120 Hz</th> <th>1 kHz</th> <th>10 kHz &amp; Up</th> </tr> </thead> <tbody> <tr> <td>10 - 100 Vdc</td> <td>0.90</td> <td>1.00</td> <td>1.15</td> <td>1.25</td> </tr> <tr> <td>160 - 450 Vdc</td> <td>0.80</td> <td>1.00</td> <td>1.15</td> <td>1.47</td> </tr> </tbody> </table> <p>To apply multipliers, see ratings tables for ripple current values</p> | 20 °C - 45 °C | 55 °C | 65 °C - 75 °C | 85 °C | 1.58 | 1.41 | 1.22 | 1.00 | Voltage | 60 Hz | 120 Hz | 1 kHz | 10 kHz & Up | 10 - 100 Vdc | 0.90 | 1.00 | 1.15 | 1.25 | 160 - 450 Vdc | 0.80 | 1.00 | 1.15 | 1.47 |
| 20 °C - 45 °C                          | 55 °C   | 65 °C - 75 °C | 85 °C |               |       |      |      |      |      |         |       |        |       |             |              |      |      |      |      |               |      |      |      |      |
| 1.58                                   | 1.41  | 1.22          | 1.00  |               |       |      |      |      |      |         |       |        |       |             |              |      |      |      |      |               |      |      |      |      |
| Voltage                                | 60 Hz   | 120 Hz        | 1 kHz | 10 kHz & Up   |       |      |      |      |      |         |       |        |       |             |              |      |      |      |      |               |      |      |      |      |
| 10 - 100 Vdc                           | 0.90  | 1.00          | 1.15  | 1.25          |       |      |      |      |      |         |       |        |       |             |              |      |      |      |      |               |      |      |      |      |
| 160 - 450 Vdc                          | 0.80  | 1.00          | 1.15  | 1.47          |       |      |      |      |      |         |       |        |       |             |              |      |      |      |      |               |      |      |      |      |
| Low Temperature Characteristics        | Impedance ratio: $Z_{-20°C} / Z_{+25°C}$<br>≤ 10 (10 Vdc)<br>≤ 8 (16-50 Vdc)<br>≤ 4 (63-100 Vdc)<br>≤ 3 (150-450 Vdc)   |               |       |               |       |      |      |      |      |         |       |        |       |             |              |      |      |      |      |               |      |      |      |      |
| Endurance Life                         | 3,000 h @ full load @ 85 °C<br>Δ Capacitance ±20%<br>ESR ≤ 200% of limit<br>DCL 100 % of limit  |               |       |               |       |      |      |      |      |         |       |        |       |             |              |      |      |      |      |               |      |      |      |      |
| Shelf Life                             | 1,000 h @ 85 °C<br>Δ Capacitance ±15%<br>ESR ≤ 150% of limit<br>DCL 100 % of limit  |               |       |               |       |      |      |      |      |         |       |        |       |             |              |      |      |      |      |               |      |      |      |      |
| Vibration                              | 10 Hz to 55 Hz 0.06" and 10g max 2 h in each plane  |               |       |               |       |      |      |      |      |         |       |        |       |             |              |      |      |      |      |               |      |      |      |      |
| <a href="#">Regulatory Information</a> |   |               |       |               |       |      |      |      |      |         |       |        |       |             |              |      |      |      |      |               |      |      |      |      |

# Type SLPX 85 °C Snap-In Aluminum Electrolytic

## Best Value 85 °C Snap-In Type

### Part Numbering System

|      |  |           |                               |           |               |                                     |  |
|------|--|-----------|-------------------------------|-----------|---------------|-------------------------------------|--|
| SLPX | 562  | M         | 025                           | A1        | P             | 3                                   | A  |
| Type | Cap  | Tolerance | Voltage                       | Case Code | Polarity      | Insulating Sleeve                   | Pin Style  |
| SLPX | 821 = 820 µF<br>332 = 3300 µF<br>103 = 10,000 µF | M = ±20%  | 025 = 25 Vdc<br>250 = 250 Vdc |           | P = Polarized | 3 = PVC or PET<br>(PET after 12/19) | Blank = 2 pins snap-in 6.3 mm L<br>A = 2 pins snap-in 4.0 mm L |

| Diameter  | Length |        |        |        |        |        |
|-----------|--------|--------|--------|--------|--------|--------|
|           | 25     | 30     | 35     | 40     | 45     | 50     |
| mm (in)   | (1.00) | (1.18) | (1.38) | (1.57) | (1.77) | (2.00) |
| 22 (0.87) | A1     | A3     | A5     | A7     | A4     | A9     |
| 25 (1.00) | C1     | C3     | C5     | C7     | C4     | C9     |
| 30 (1.18) | E1     | E3     | E5     | E7     | E4     | E9     |
| 35 (1.38) | H1     | H3     | H5     | H7     | H4     | H9     |

### Outline Drawing



PC Board Mounting Holes

### Ratings

| Cap (µF)                     | 3000 h @ 85 °C Catalog Part Number | Max 25 °C ESR (Ω) 120 Hz 20kHz | Max 85 °C Ripple (A <sub>rms</sub> ) 120 Hz 20kHz | Nominal Size (DxL) (mm) |
|------------------------------|------------------------------------|--------------------------------|---|-------------------------|
| <b>10 Vdc (13 Vdc Surge)</b> |                                    |                                |   |                         |
| 12000                        | SLPX123M010A1P3                    | 0.061 0.046                    | 2.41 3.01   | 22 x 25                 |
| 15000                        | SLPX153M010A3P3                    | 0.049 0.037                    | 2.88 3.60   | 22 x 30                 |
| 15000                        | SLPX153M010C1P3                    | 0.049 0.037                    | 2.88 3.60   | 25 x 25                 |
| 18000                        | SLPX183M010A5P3                    | 0.041 0.031                    | 3.22 4.03   | 22 x 35                 |
| 18000                        | SLPX183M010C3P3                    | 0.041 0.031                    | 3.08 3.85   | 25 x 30                 |
| 22000                        | SLPX223M010A7P3                    | 0.033 0.025                    | 3.79 4.74   | 22 x 40                 |
| 22000                        | SLPX223M010C3P3                    | 0.033 0.025                    | 3.66 4.58   | 25 x 30                 |
| 22000                        | SLPX223M010E1P3                    | 0.033 0.025                    | 3.53 4.41   | 30 x 25                 |
| 27000                        | SLPX273M010A4P3                    | 0.027 0.020                    | 4.04 5.05   | 22 x 45                 |
| 27000                        | SLPX273M010C5P3                    | 0.027 0.020                    | 4.04 5.05   | 25 x 35                 |
| 27000                        | SLPX273M010E3P3                    | 0.027 0.020                    | 3.99 4.99   | 30 x 30                 |
| 33000                        | SLPX333M010A9P3                    | 0.022 0.017                    | 4.58 5.73   | 22 x 50                 |
| 33000                        | SLPX333M010C7P3                    | 0.022 0.017                    | 4.56 5.70   | 25 x 40                 |
| 33000                        | SLPX333M010E3P3                    | 0.022 0.017                    | 4.58 5.73   | 30 x 30                 |
| 39000                        | SLPX393M010C4P3                    | 0.019 0.014                    | 5.29 6.61   | 25 x 45                 |
| 39000                        | SLPX393M010E5P3                    | 0.019 0.014                    | 5.21 6.51   | 30 x 35                 |
| 39000                        | SLPX393M010H3P3                    | 0.019 0.014                    | 5.50 6.88   | 35 x 30                 |
| 47000                        | SLPX473M010C9P3                    | 0.016 0.012                    | 5.78 7.23   | 25 x 50                 |
| 47000                        | SLPX473M010E7P3                    | 0.016 0.012                    | 5.78 7.23   | 30 x 40                 |
| 47000                        | SLPX473M010H5P3                    | 0.016 0.012                    | 5.55 6.94   | 35 x 35                 |
| 56000                        | SLPX563M010E4P3                    | 0.013 0.010                    | 6.59 8.24   | 30 x 45                 |
| 56000                        | SLPX563M010H5P3                    | 0.013 0.010                    | 6.40 8.00   | 35 x 35                 |

### Additional Voltages and Sizes available at [www.cde.com/catalogs/SLPX.pdf](http://www.cde.com/catalogs/SLPX.pdf)

| Cap (µF)                     | 3000 h @ 85 °C Catalog Part Number | Max 25 °C ESR (Ω) 120 Hz 20kHz | Max 85 °C Ripple (A <sub>rms</sub> ) 120 Hz 20kHz | Nominal Size (DxL) (mm) |
|------------------------------|------------------------------------|--------------------------------|---|-------------------------|
| <b>10 Vdc (13 Vdc Surge)</b> |                                    |                                |   |                         |
| 68000                        | SLPX683M010E9P3                    | 0.011 0.008                    | 7.50 9.38   | 30 x 50                 |
| 68000                        | SLPX683M010H7P3                    | 0.011 0.008                    | 7.48 9.35   | 35 x 40                 |
| 82000                        | SLPX823M010H9P3                    | 0.009 0.007                    | 8.50 10.63  | 35 x 50                 |
| <b>16 Vdc (20 Vdc Surge)</b> |                                    |                                |   |                         |
| 8200                         | SLPX822M016A1P3                    | 0.081 0.061                    | 2.56 3.20   | 22 x 25                 |
| 10000                        | SLPX103M016A3P3                    | 0.066 0.050                    | 2.89 3.61   | 22 x 30                 |
| 12000                        | SLPX123M016A3P3                    | 0.055 0.041                    | 3.13 3.91   | 22 x 30                 |
| 12000                        | SLPX123M016C1P3                    | 0.055 0.041                    | 3.01 3.76   | 25 x 25                 |
| 15000                        | SLPX153M016A5P3                    | 0.044 0.033                    | 3.69 4.61   | 22 x 35                 |
| 15000                        | SLPX153M016C3P3                    | 0.044 0.033                    | 3.64 4.55   | 25 x 30                 |
| 15000                        | SLPX153M016E1P3                    | 0.044 0.033                    | 3.73 4.66   | 30 x 25                 |
| 18000                        | SLPX183M016A7P3                    | 0.037 0.028                    | 3.98 4.98   | 22 x 40                 |
| 18000                        | SLPX183M016C5P3                    | 0.037 0.028                    | 3.98 4.98   | 25 x 35                 |
| 18000                        | SLPX183M016E3P3                    | 0.037 0.028                    | 3.88 4.85   | 30 x 30                 |
| 22000                        | SLPX223M016A9P3                    | 0.030 0.023                    | 4.52 5.65   | 22 x 50                 |
| 22000                        | SLPX223M016C7P3                    | 0.030 0.023                    | 4.44 5.55   | 25 x 40                 |
| 22000                        | SLPX223M016E3P3                    | 0.030 0.023                    | 4.38 5.48   | 30 x 30                 |
| 27000                        | SLPX273M016C4P3                    | 0.025 0.019                    | 4.98 6.23   | 25 x 45                 |
| 27000                        | SLPX273M016E5P3                    | 0.025 0.019                    | 4.95 6.19   | 30 x 35                 |
| 27000                        | SLPX273M016H3P3                    | 0.025 0.019                    | 4.82 6.03   | 35 x 30                 |
| 33000                        | SLPX333M016C9P3                    | 0.020 0.015                    | 5.49 6.86   | 25 x 50                 |
| 33000                        | SLPX333M016E7P3                    | 0.020 0.015                    | 5.60 7.00   | 30 x 40                 |

# Type SLPX 85 °C Snap-In Aluminum Electrolytic

## Best Value 85 °C Snap-In Type

| Cap<br>(µF)                  | 3000 h @ 85 °C<br>Catalog<br>Part Number | Max 25 °C ESR<br>(Ω) |       | Max 85 °C Ripple<br>(A <sub>rms</sub> ) |       | Nominal<br>Size (DxL)<br>(mm) | Cap<br>(µF)                  | 3000 h @ 85 °C<br>Catalog<br>Part Number | Max 25 °C ESR<br>(Ω) |       | Max 85 °C Ripple<br>(A <sub>rms</sub> ) |       | Nominal<br>Size (DxL)<br>(mm) |
|------------------------------|--|----------------------|-------|---|-------|-------------------------------|------------------------------|--|----------------------|-------|---|-------|-------------------------------|
|                              |  | 120 Hz               | 20kHz | 120 Hz                                  | 20kHz |                               |                              |  | 120 Hz               | 20kHz | 120 Hz                                  | 20kHz |                               |
| <b>16 Vdc (20 Vdc Surge)</b> |  |                      |       |   |       |                               | <b>35 Vdc (44 Vdc Surge)</b> |  |                      |       |   |       |                               |
| 33000                        | SLPX333M016H3P3                          | 0.020                | 0.015 | 5.46                                    | 6.83  | 35 x 30                       | 10000                        | SLPX103M035C7P3                          | 0.053                | 0.040 | 3.65                                    | 4.56  | 25 x 40                       |
| 39000                        | SLPX393M016E4P3                          | 0.017                | 0.013 | 6.21                                    | 7.76  | 30 x 45                       | 10000                        | SLPX103M035E3P3                          | 0.053                | 0.040 | 3.61                                    | 4.51  | 30 x 30                       |
| 39000                        | SLPX393M016H5P3                          | 0.017                | 0.013 | 6.12                                    | 7.65  | 35 x 35                       | 12000                        | SLPX123M035C4P3                          | 0.044                | 0.033 | 4.15                                    | 5.19  | 25 x 45                       |
| 47000                        | SLPX473M016E9P3                          | 0.014                | 0.011 | 6.93                                    | 8.66  | 30 x 50                       | 12000                        | SLPX123M035E5P3                          | 0.044                | 0.033 | 4.14                                    | 5.18  | 30 x 35                       |
| 47000                        | SLPX473M016H7P3                          | 0.014                | 0.011 | 6.89                                    | 8.61  | 35 x 40                       | 12000                        | SLPX123M035H3P3                          | 0.044                | 0.033 | 4.27                                    | 5.34  | 35 x 30                       |
| 56000                        | SLPX563M016H4P3                          | 0.012                | 0.009 | 7.69                                    | 9.61  | 35 x 45                       | 15000                        | SLPX153M035C9P3                          | 0.035                | 0.026 | 4.77                                    | 5.96  | 25 x 50                       |
| <b>25 Vdc (32 Vdc Surge)</b> |  |                      |       |   |       |                               | <b>50 Vdc (63 Vdc Surge)</b> |  |                      |       |   |       |                               |
| 5600                         | SLPX562M025A1P3                          | 0.107                | 0.080 | 2.31                                    | 2.89  | 22 x 25                       | 15000                        | SLPX153M035E7P3                          | 0.035                | 0.026 | 4.80                                    | 6.00  | 30 x 40                       |
| 6800                         | SLPX682M025A3P3                          | 0.088                | 0.066 | 2.56                                    | 3.20  | 22 x 30                       | 15000                        | SLPX153M035H5P3                          | 0.035                | 0.026 | 4.95                                    | 6.19  | 35 x 35                       |
| 8200                         | SLPX822M025A5P3                          | 0.073                | 0.055 | 2.86                                    | 3.58  | 22 x 35                       | 18000                        | SLPX183M035E4P3                          | 0.029                | 0.022 | 5.30                                    | 6.63  | 30 x 45                       |
| 8200                         | SLPX822M025C1P3                          | 0.073                | 0.055 | 2.78                                    | 3.48  | 25 x 25                       | 18000                        | SLPX183M035H7P3                          | 0.029                | 0.022 | 5.71                                    | 7.14  | 35 x 40                       |
| 10000                        | SLPX103M025A5P3                          | 0.060                | 0.045 | 3.31                                    | 4.14  | 22 x 35                       | 22000                        | SLPX223M035H4P3                          | 0.024                | 0.018 | 6.38                                    | 7.98  | 35 x 45                       |
| 10000                        | SLPX103M025C3P3                          | 0.060                | 0.045 | 3.16                                    | 3.95  | 25 x 30                       | 27000                        | SLPX273M035H9P3                          | 0.020                | 0.015 | 6.90                                    | 8.63  | 35 x 50                       |
| 10000                        | SLPX103M025E1P3                          | 0.060                | 0.045 | 3.28                                    | 4.10  | 30 x 25                       | <b>50 Vdc (63 Vdc Surge)</b> |  |                      |       |   |       |                               |
| 12000                        | SLPX123M025A7P3                          | 0.050                | 0.038 | 3.77                                    | 4.71  | 22 x 40                       | 2200                         | SLPX222M050A1P3                          | 0.211                | 0.158 | 1.93                                    | 2.41  | 22 x 25                       |
| 12000                        | SLPX123M025C5P3                          | 0.050                | 0.038 | 3.63                                    | 4.54  | 25 x 35                       | 2700                         | SLPX272M050A3P3                          | 0.172                | 0.129 | 2.21                                    | 2.76  | 22 x 30                       |
| 12000                        | SLPX123M025E1P3                          | 0.050                | 0.038 | 3.80                                    | 4.75  | 30 x 25                       | 3300                         | SLPX332M050A3P3                          | 0.141                | 0.106 | 2.41                                    | 3.01  | 22 x 30                       |
| 15000                        | SLPX153M025A9P3                          | 0.040                | 0.030 | 4.21                                    | 5.26  | 22 x 50                       | 3300                         | SLPX332M050C1P3                          | 0.141                | 0.106 | 2.38                                    | 2.98  | 25 x 25                       |
| 15000                        | SLPX153M025C7P3                          | 0.040                | 0.030 | 4.10                                    | 5.13  | 25 x 40                       | 3900                         | SLPX392M050A5P3                          | 0.119                | 0.089 | 2.72                                    | 3.40  | 22 x 35                       |
| 15000                        | SLPX153M025E3P3                          | 0.040                | 0.030 | 4.00                                    | 5.00  | 30 x 30                       | 3900                         | SLPX392M050C3P3                          | 0.119                | 0.089 | 2.68                                    | 3.35  | 25 x 30                       |
| 18000                        | SLPX183M025C4P3                          | 0.033                | 0.025 | 4.68                                    | 5.85  | 25 x 45                       | 4700                         | SLPX472M050A7P3                          | 0.099                | 0.074 | 3.02                                    | 3.78  | 22 x 40                       |
| 18000                        | SLPX183M025E5P3                          | 0.033                | 0.025 | 4.66                                    | 5.83  | 30 x 35                       | 4700                         | SLPX472M050C3P3                          | 0.099                | 0.074 | 3.07                                    | 3.84  | 25 x 30                       |
| 18000                        | SLPX183M025H3P3                          | 0.033                | 0.025 | 4.68                                    | 5.85  | 35 x 30                       | 4700                         | SLPX472M050E1P3                          | 0.099                | 0.074 | 3.01                                    | 3.76  | 30 x 25                       |
| 22000                        | SLPX223M025C9P3                          | 0.027                | 0.020 | 5.29                                    | 6.61  | 25 x 50                       | 5600                         | SLPX562M050A7P3                          | 0.083                | 0.062 | 3.26                                    | 4.08  | 22 x 40                       |
| 22000                        | SLPX223M025E7P3                          | 0.027                | 0.020 | 5.33                                    | 6.66  | 30 x 40                       | 5600                         | SLPX562M050A4P3                          | 0.083                | 0.062 | 3.43                                    | 4.29  | 22 x 45                       |
| 22000                        | SLPX223M025H5P3                          | 0.027                | 0.020 | 5.26                                    | 6.58  | 35 x 35                       | 5600                         | SLPX562M050C5P3                          | 0.083                | 0.062 | 3.47                                    | 4.34  | 25 x 35                       |
| 27000                        | SLPX273M025E4P3                          | 0.022                | 0.017 | 6.02                                    | 7.53  | 30 x 45                       | 5600                         | SLPX562M050E3P3                          | 0.083                | 0.062 | 3.43                                    | 4.29  | 30 x 30                       |
| 27000                        | SLPX273M025H7P3                          | 0.022                | 0.017 | 6.02                                    | 7.53  | 35 x 40                       | 6800                         | SLPX682M050A9P3                          | 0.068                | 0.051 | 3.94                                    | 4.93  | 22 x 50                       |
| 33000                        | SLPX333M025E9P3                          | 0.018                | 0.014 | 5.29                                    | 6.61  | 30 x 50                       | 6800                         | SLPX682M050C7P3                          | 0.068                | 0.051 | 3.87                                    | 4.84  | 25 x 40                       |
| 33000                        | SLPX333M025H4P3                          | 0.018                | 0.014 | 6.75                                    | 8.44  | 35 x 45                       | 6800                         | SLPX682M050E5P3                          | 0.068                | 0.051 | 3.93                                    | 4.91  | 30 x 35                       |
| 39000                        | SLPX393M025H9P3                          | 0.015                | 0.011 | 7.56                                    | 9.45  | 35 x 50                       | 8200                         | SLPX822M050C4P3                          | 0.057                | 0.043 | 4.44                                    | 5.55  | 25 x 45                       |
| <b>35 Vdc (44 Vdc Surge)</b> |  |                      |       |   |       |                               | 8200                         | SLPX822M050E5P3                          | 0.057                | 0.043 | 4.47                                    | 5.59  | 30 x 35                       |
| 3900                         | SLPX392M035A1P3                          | 0.136                | 0.102 | 2.22                                    | 2.78  | 22 x 25                       | 8200                         | SLPX822M050H3P3                          | 0.057                | 0.043 | 4.41                                    | 5.51  | 35 x 30                       |
| 4700                         | SLPX472M035A3P3                          | 0.113                | 0.085 | 2.46                                    | 3.08  | 22 x 30                       | 10000                        | SLPX103M050E7P3                          | 0.046                | 0.035 | 5.08                                    | 6.35  | 30 x 40                       |
| 4700                         | SLPX472M035C1P3                          | 0.113                | 0.085 | 2.43                                    | 3.04  | 25 x 25                       | 10000                        | SLPX103M050H5P3                          | 0.046                | 0.035 | 4.92                                    | 6.15  | 35 x 35                       |
| 5600                         | SLPX562M035A3P3                          | 0.095                | 0.071 | 2.61                                    | 3.26  | 22 x 30                       | 12000                        | SLPX123M050E9P3                          | 0.039                | 0.029 | 5.72                                    | 7.15  | 30 x 50                       |
| 5600                         | SLPX562M035A5P3                          | 0.095                | 0.071 | 2.79                                    | 3.49  | 22 x 35                       | 12000                        | SLPX123M050H7P3                          | 0.039                | 0.029 | 5.69                                    | 7.11  | 35 x 40                       |
| 5600                         | SLPX562M035C3P3                          | 0.095                | 0.071 | 2.75                                    | 3.44  | 25 x 30                       | 15000                        | SLPX153M050H4P3                          | 0.031                | 0.023 | 6.56                                    | 8.20  | 35 x 45                       |
| 6800                         | SLPX682M035A7P3                          | 0.078                | 0.059 | 2.97                                    | 3.71  | 22 x 40                       | 18000                        | SLPX183M050H9P3                          | 0.026                | 0.020 | 7.14                                    | 8.93  | 35 x 50                       |
| 6800                         | SLPX682M035C3P3                          | 0.078                | 0.059 | 2.89                                    | 3.61  | 25 x 30                       | 22000                        | SLPX223M050H9P3                          | 0.021                | 0.016 | 7.89                                    | 9.86  | 35 x 50                       |
| 6800                         | SLPX682M035E1P3                          | 0.078                | 0.059 | 3.09                                    | 3.86  | 30 x 25                       | <b>63 Vdc (79 Vdc Surge)</b> |  |                      |       |   |       |                               |
| 8200                         | SLPX822M035A4P3                          | 0.065                | 0.049 | 3.47                                    | 4.34  | 22 x 45                       | 1800                         | SLPX182M063A1P3                          | 0.221                | 0.166 | 1.90                                    | 2.38  | 22 x 25                       |
| 8200                         | SLPX822M035C5P3                          | 0.065                | 0.049 | 3.33                                    | 4.16  | 25 x 35                       | 2200                         | SLPX222M063A3P3                          | 0.181                | 0.136 | 2.35                                    | 2.94  | 22 x 30                       |
| 8200                         | SLPX822M035E3P3                          | 0.065                | 0.049 | 3.29                                    | 4.11  | 30 x 30                       | 2200                         | SLPX222M063C1P3                          | 0.181                | 0.136 | 2.30                                    | 2.88  | 25 x 25                       |
| 10000                        | SLPX103M035A9P3                          | 0.053                | 0.040 | 3.75                                    | 4.69  | 22 x 50                       | 2700                         | SLPX272M063A5P3                          | 0.147                | 0.110 | 2.50                                    | 3.13  | 22 x 35                       |
|                              |  |                      |       |   |       |                               | 2700                         | SLPX272M063C3P3                          | 0.147                | 0.110 | 2.52                                    | 3.15  | 25 x 30                       |

\*Denotes Discontinued Part

# Type SLPX 85 °C Snap-In Aluminum Electrolytic

## Best Value 85 °C Snap-In Type

| Cap<br>(µF)                   | 3000 h @ 85 °C         |       | Max 25 °C ESR |              | Max 85 °C Ripple              |                              | Nominal<br>Size (DxL)<br>(mm)  | Cap<br>(µF)                   | 3000 h @ 85 °C         |       | Max 25 °C ESR |              | Max 85 °C Ripple              |                              | Nominal<br>Size (DxL)<br>(mm) |                 |       |       |      |         |         |
|-------------------------------|------------------------|-------|---------------|--------------|-------------------------------|------------------------------|--------------------------------|-------------------------------|------------------------|-------|---------------|--------------|-------------------------------|------------------------------|-------------------------------|-----------------|-------|-------|------|---------|---------|
|                               | Catalog<br>Part Number |       | (Ω)<br>120 Hz | (Ω)<br>20kHz | (A <sub>rms</sub> )<br>120 Hz | (A <sub>rms</sub> )<br>20kHz |                                |                               | Catalog<br>Part Number |       | (Ω)<br>120 Hz | (Ω)<br>20kHz | (A <sub>rms</sub> )<br>120 Hz | (A <sub>rms</sub> )<br>20kHz |                               |                 |       |       |      |         |         |
| <b>63 Vdc (79 Vdc Surge)</b>  |                        |       |               |              |                               |                              |                                | <b>80 Vdc (100 Vdc Surge)</b> |                        |       |               |              |                               |                              |                               |                 |       |       |      |         |         |
| 3300                          | SLPX332M063A7P3        | 0.121 | 0.091         | 2.72         | 3.40                          | 22 x 40                      | 8200                           | SLPX822M080H4P3               | 0.040                  | 0.030 | 5.89          | 7.36         | 35 x 45                       | 10000                        | SLPX103M080H9P3               | 0.033           | 0.025 | 6.63  | 8.29 | 35 x 50 |         |
| 3300                          | SLPX332M063C3P3        | 0.121 | 0.091         | 2.74         | 3.43                          | 25 x 30                      | <b>100 Vdc (125 Vdc Surge)</b> |                               |                        |       |               |              |                               |                              |                               |                 |       |       |      |         |         |
| 3300                          | SLPX332M063E1P3        | 0.121 | 0.091         | 2.78         | 3.48                          | 30 x 25                      | 820                            | SLPX821M100A1P3               | 0.324                  | 0.243 | 1.86          | 2.33         | 22 x 25                       | 1000                         | SLPX102M100A3P3               | 0.265           | 0.199 | 2.02  | 2.53 | 22 x 30 |         |
| 3900                          | SLPX392M063A4P3        | 0.102 | 0.077         | 3.09         | 3.86                          | 22 x 45                      | 1200                           | SLPX122M100A3P3               | 0.221                  | 0.166 | 2.12          | 2.65         | 22 x 30                       | 1200                         | SLPX122M100C1P3               | 0.221           | 0.166 | 2.11  | 2.64 | 25 x 25 |         |
| 3900                          | SLPX392M063C5P3        | 0.102 | 0.077         | 3.13         | 3.91                          | 25 x 35                      | 1500                           | SLPX152M100A5P3               | 0.177                  | 0.133 | 2.45          | 3.06         | 22 x 35                       | 1500                         | SLPX152M100C3P3               | 0.177           | 0.133 | 2.47  | 3.09 | 25 x 30 |         |
| 3900                          | SLPX392M063E3P3        | 0.102 | 0.077         | 3.09         | 3.86                          | 30 x 30                      | 1800                           | SLPX182M100A7P3               | 0.147                  | 0.110 | 2.77          | 3.46         | 22 x 40                       | 1800                         | SLPX182M100C5P3               | 0.147           | 0.110 | 2.81  | 3.51 | 25 x 35 |         |
| 4700                          | SLPX472M063A9P3        | 0.085 | 0.064         | 3.69         | 4.61                          | 22 x 50                      | 1800                           | SLPX182M100E1P3               | 0.147                  | 0.110 | 2.65          | 3.31         | 30 x 25                       | 2200                         | SLPX222M100A4P3               | 0.121           | 0.091 | 3.15  | 3.94 | 22 x 45 |         |
| 4700                          | SLPX472M063C7P3        | 0.085 | 0.064         | 3.59         | 4.49                          | 25 x 40                      | 2200                           | SLPX222M100C7P3               | 0.121                  | 0.091 | 3.21          | 4.01         | 25 x 40                       | 2200                         | SLPX222M100E3P3               | 0.121           | 0.091 | 3.17  | 3.96 | 30 x 30 |         |
| 4700                          | SLPX472M063E3P3        | 0.085 | 0.064         | 3.54         | 4.43                          | 30 x 30                      | 2700                           | SLPX272M100C4P3               | 0.098                  | 0.074 | 3.66          | 4.58         | 25 x 45                       | 2700                         | SLPX272M100E5P3               | 0.098           | 0.074 | 3.65  | 4.56 | 30 x 35 |         |
| 5600                          | SLPX562M063C4P3        | 0.071 | 0.053         | 4.01         | 5.01                          | 25 x 45                      | 2700                           | SLPX272M100H3P3               | 0.098                  | 0.074 | 3.77          | 4.71         | 35 x 30                       | 3300                         | SLPX332M100C9P3               | 0.080           | 0.060 | 4.15  | 5.19 | 25 x 50 |         |
| 5600                          | SLPX562M063E5P3        | 0.071 | 0.053         | 4.00         | 5.00                          | 30 x 35                      | 3300                           | SLPX332M100E7P3               | 0.080                  | 0.060 | 4.18          | 5.23         | 30 x 40                       | 3300                         | SLPX332M100H5P3               | 0.080           | 0.060 | 4.07  | 5.09 | 35 x 35 |         |
| 5600                          | SLPX562M063H3P3        | 0.071 | 0.053         | 3.75         | 4.69                          | 35 x 30                      | 3900                           | SLPX392M100E4P3               | 0.068                  | 0.051 | 4.67          | 5.84         | 30 x 45                       | 3900                         | SLPX392M100H5P3               | 0.068           | 0.051 | 4.61  | 5.76 | 35 x 35 |         |
| 6800                          | SLPX682M063C9P3        | 0.059 | 0.044         | 4.52         | 5.65                          | 25 x 50                      | 4700                           | SLPX472M100H7P3               | 0.056                  | 0.042 | 5.23          | 6.54         | 35 x 40                       | 4700                         | SLPX472M100E9P3               | 0.056           | 0.042 | 5.26  | 6.58 | 30 x 50 |         |
| 6800                          | SLPX682M063E7P3        | 0.059 | 0.044         | 4.55         | 5.69                          | 30 x 40                      | 5600                           | SLPX562M100H4P3               | 0.047                  | 0.035 | 5.88          | 7.35         | 35 x 45                       | 6800                         | SLPX682M100H9P3               | 0.039           | 0.029 | 6.01  | 7.51 | 35 x 50 |         |
| 6800                          | SLPX682M063H3P3        | 0.059 | 0.044         | 4.44         | 5.55                          | 35 x 30                      | <b>160 Vdc (200 Vdc Surge)</b> |                               |                        |       |               |              |                               |                              |                               |                 |       |       |      |         |         |
| 8200                          | SLPX822M063E4P3        | 0.049 | 0.037         | 5.12         | 6.40                          | 30 x 45                      | 390                            | SLPX391M160A1P3               | 0.510                  | 0.383 | 1.63          | 2.40         | 22 x 25                       | 470                          | SLPX471M160A3P3               | 0.423           | 0.317 | 1.86  | 2.73 | 22 x 30 |         |
| 8200                          | SLPX822M063H5P3        | 0.049 | 0.037         | 5.05         | 6.31                          | 35 x 35                      | 470                            | SLPX471M160C1P3               | 0.423                  | 0.317 | 1.86          | 2.73         | 25 x 25                       | 560                          | SLPX561M160A3P3               | 0.355           | 0.266 | 2.15  | 3.16 | 22 x 30 |         |
| 10000                         | SLPX103M063E9P3        | 0.040 | 0.030         | 5.78         | 7.23                          | 30 x 50                      | 560                            | SLPX561M160C3P3               | 0.355                  | 0.266 | 2.15          | 3.16         | 25 x 30                       | 680                          | SLPX681M160A7P3               | 0.293           | 0.220 | 2.35  | 3.45 | 22 x 40 |         |
| 10000                         | SLPX103M063H7P3        | 0.040 | 0.030         | 5.75         | 7.19                          | 35 x 40                      | 680                            | SLPX681M160C3P3               | 0.293                  | 0.220 | 2.33          | 3.43         | 25 x 30                       | 680                          | SLPX681M160E1P3               | 0.293           | 0.220 | 2.33  | 3.43 | 30 x 25 |         |
| 12000                         | SLPX123M063E9P3        | 0.033 | 0.025         | 6.20         | 7.75                          | 30 x 50                      | 820                            | SLPX821M160A4P3               | 0.243                  | 0.182 | 2.68          | 3.94         | 22 x 45                       | 820                          | SLPX821M160C5P3               | 0.243           | 0.182 | 2.65  | 3.90 | 25 x 35 |         |
| 12000                         | SLPX123M063H4P3        | 0.033 | 0.025         | 6.47         | 8.09                          | 35 x 45                      | 820                            | SLPX821M160E3P3               | 0.243                  | 0.182 | 2.64          | 3.88         | 30 x 30                       | 1000                         | SLPX102M160A9P3               | 0.199           | 0.149 | 3.02  | 4.44 | 22 x 50 |         |
| 12000                         | SLPX123M063H9P3        | 0.033 | 0.025         | 6.76         | 8.45                          | 35 x 50                      | 1000                           | SLPX102M160C7P3               | 0.199                  | 0.149 | 3.00          | 4.41         | 25 x 40                       | 1000                         | SLPX102M160E3P3               | 0.199           | 0.149 | 2.96  | 4.35 | 30 x 30 |         |
| <b>80 Vdc (100 Vdc Surge)</b> |                        |       |               |              |                               |                              |                                | 1200                          | SLPX122M160C4P3        | 0.166 | 0.125         | 3.43         | 5.04                          | 25 x 45                      | 1200                          | SLPX122M160E5P3 | 0.166 | 0.125 | 3.41 | 5.01    | 30 x 35 |
| 1200                          | SLPX122M080A1P3        | 0.276 | 0.207         | 1.77         | 2.21                          | 22 x 25                      | 1200                           | SLPX122M160H3P3               | 0.166                  | 0.125 | 3.40          | 5.00         | 35 x 30                       |                              |                               |                 |       |       |      |         |         |
| 1500                          | SLPX152M080A3P3        | 0.221 | 0.166         | 2.01         | 2.51                          | 22 x 30                      |                                |                               |                        |       |               |              |                               |                              |                               |                 |       |       |      |         |         |
| 1800                          | SLPX182M080A3P3        | 0.184 | 0.138         | 2.11         | 2.64                          | 22 x 30                      |                                |                               |                        |       |               |              |                               |                              |                               |                 |       |       |      |         |         |
| 1800                          | SLPX182M080C1P3        | 0.184 | 0.138         | 2.26         | 2.83                          | 25 x 25                      |                                |                               |                        |       |               |              |                               |                              |                               |                 |       |       |      |         |         |
| 2200                          | SLPX222M080A7P3        | 0.151 | 0.113         | 2.53         | 3.16                          | 22 x 40                      |                                |                               |                        |       |               |              |                               |                              |                               |                 |       |       |      |         |         |
| 2200                          | SLPX222M080C3P3        | 0.151 | 0.113         | 2.53         | 3.16                          | 25 x 30                      |                                |                               |                        |       |               |              |                               |                              |                               |                 |       |       |      |         |         |
| 2200                          | SLPX222M080E1P3        | 0.151 | 0.113         | 2.56         | 3.20                          | 30 x 25                      |                                |                               |                        |       |               |              |                               |                              |                               |                 |       |       |      |         |         |
| 2700                          | SLPX272M080A4P3        | 0.123 | 0.092         | 2.93         | 3.66                          | 22 x 45                      |                                |                               |                        |       |               |              |                               |                              |                               |                 |       |       |      |         |         |
| 2700                          | SLPX272M080C5P3        | 0.123 | 0.092         | 2.93         | 3.66                          | 25 x 35                      |                                |                               |                        |       |               |              |                               |                              |                               |                 |       |       |      |         |         |
| 2700                          | SLPX272M080E3P3        | 0.123 | 0.092         | 2.91         | 3.64                          | 30 x 30                      |                                |                               |                        |       |               |              |                               |                              |                               |                 |       |       |      |         |         |
| 3300                          | SLPX332M080A9P3        | 0.101 | 0.076         | 3.23         | 4.04                          | 22 x 50                      |                                |                               |                        |       |               |              |                               |                              |                               |                 |       |       |      |         |         |
| 3300                          | SLPX332M080C7P3        | 0.101 | 0.076         | 3.29         | 4.11                          | 25 x 40                      |                                |                               |                        |       |               |              |                               |                              |                               |                 |       |       |      |         |         |
| 3300                          | SLPX332M080E3P3        | 0.101 | 0.076         | 3.25         | 4.06                          | 30 x 30                      |                                |                               |                        |       |               |              |                               |                              |                               |                 |       |       |      |         |         |
| 3900                          | SLPX392M080C4P3        | 0.085 | 0.064         | 3.62         | 4.53                          | 25 x 45                      |                                |                               |                        |       |               |              |                               |                              |                               |                 |       |       |      |         |         |
| 3900                          | SLPX392M080E5P3        | 0.085 | 0.064         | 3.70         | 4.63                          | 30 x 35                      |                                |                               |                        |       |               |              |                               |                              |                               |                 |       |       |      |         |         |
| 4700                          | SLPX472M080C9P3        | 0.071 | 0.053         | 4.28         | 5.35                          | 25 x 50                      |                                |                               |                        |       |               |              |                               |                              |                               |                 |       |       |      |         |         |
| 4700                          | SLPX472M080E7P3        | 0.071 | 0.053         | 4.23         | 5.29                          | 30 x 40                      |                                |                               |                        |       |               |              |                               |                              |                               |                 |       |       |      |         |         |
| 4700                          | SLPX472M080H3P3        | 0.071 | 0.053         | 4.12         | 5.15                          | 35 x 30                      |                                |                               |                        |       |               |              |                               |                              |                               |                 |       |       |      |         |         |
| 5600                          | SLPX562M080E4P3        | 0.059 | 0.044         | 4.70         | 5.88                          | 30 x 45                      |                                |                               |                        |       |               |              |                               |                              |                               |                 |       |       |      |         |         |
| 5600                          | SLPX562M080H5P3        | 0.059 | 0.044         | 4.64         | 5.80                          | 35 x 35                      |                                |                               |                        |       |               |              |                               |                              |                               |                 |       |       |      |         |         |
| 6800                          | SLPX682M080E9P3        | 0.049 | 0.037         | 5.27         | 6.59                          | 30 x 50                      |                                |                               |                        |       |               |              |                               |                              |                               |                 |       |       |      |         |         |
| 6800                          | SLPX682M080H7P3        | 0.049 | 0.037         | 5.24         | 6.55                          | 35 x 40                      |                                |                               |                        |       |               |              |                               |                              |                               |                 |       |       |      |         |         |

# Type SLPX 85 °C Snap-In Aluminum Electrolytic

## Best Value 85 °C Snap-In Type

| Cap<br>(µF)                    | 3000 h @ 85 °C         |  | Max 25 °C ESR |              | Max 85 °C Ripple              |                              | Nominal<br>Size (DxL)<br>(mm) |
|--------------------------------|------------------------|--|---------------|--------------|-------------------------------|------------------------------|-------------------------------|
|                                | Catalog<br>Part Number |  | (Ω)<br>120 Hz | (Ω)<br>20kHz | (A <sub>rms</sub> )<br>120 Hz | (A <sub>rms</sub> )<br>20kHz |                               |
| <b>160 Vdc (200 Vdc Surge)</b> |                        |  |               |              |                               |                              |                               |
| 1500                           | SLPX152M160E7P3        |  | 0.133         | 0.100        | 3.96                          | 5.82                         | 30 x 40                       |
| 1500                           | SLPX152M160H5P3        |  | 0.133         | 0.100        | 3.94                          | 5.79                         | 35 x 35                       |
| 1800                           | SLPX182M160E4P3        |  | 0.111         | 0.083        | 4.31                          | 6.34                         | 30 x 45                       |
| 1800                           | SLPX182M160H5P3        |  | 0.111         | 0.083        | 4.28                          | 6.29                         | 35 x 35                       |
| 2200                           | SLPX222M160H7P3        |  | 0.090         | 0.068        | 4.96                          | 7.29                         | 35 x 40                       |
| 2700                           | SLPX272M160H9P3        |  | 0.074         | 0.056        | 5.57                          | 8.19                         | 35 x 50                       |
| <b>180 Vdc (225 Vdc Surge)</b> |                        |  |               |              |                               |                              |                               |
| 330                            | SLPX331M180A1P3        |  | 0.603         | 0.452        | 1.49                          | 2.19                         | 22 x 25                       |
| 390                            | SLPX391M180A1P3        |  | 0.510         | 0.383        | 1.84                          | 2.70                         | 22 x 25                       |
| 470                            | SLPX471M180A3P3        |  | 0.423         | 0.317        | 1.91                          | 2.81                         | 22 x 30                       |
| 470                            | SLPX471M180C1P3        |  | 0.423         | 0.317        | 2.08                          | 3.06                         | 25 x 25                       |
| 560                            | SLPX561M180A5P3        |  | 0.355         | 0.266        | 2.25                          | 3.31                         | 22 x 35                       |
| 560                            | SLPX561M180C1P3        |  | 0.355         | 0.266        | 2.25                          | 3.31                         | 25 x 25                       |
| 680                            | SLPX681M180A5P3        |  | 0.293         | 0.220        | 2.48                          | 3.65                         | 22 x 35                       |
| 680                            | SLPX681M180C3P3        |  | 0.293         | 0.220        | 2.50                          | 3.68                         | 25 x 30                       |
| 680                            | SLPX681M180E1P3        |  | 0.293         | 0.220        | 2.46                          | 3.62                         | 30 x 25                       |
| 820                            | SLPX821M180A7P3        |  | 0.243         | 0.182        | 2.86                          | 4.20                         | 22 x 40                       |
| 820                            | SLPX821M180C5P3        |  | 0.243         | 0.182        | 2.75                          | 4.04                         | 25 x 35                       |
| 820                            | SLPX821M180E1P3        |  | 0.243         | 0.182        | 2.69                          | 3.95                         | 30 x 25                       |
| 1000                           | SLPX102M180C7P3        |  | 0.199         | 0.149        | 3.06                          | 4.50                         | 25 x 40                       |
| 1000                           | SLPX102M180E3P3        |  | 0.199         | 0.149        | 3.10                          | 4.56                         | 30 x 30                       |
| 1200                           | SLPX122M180C4P3        |  | 0.166         | 0.125        | 3.63                          | 5.34                         | 25 x 45                       |
| 1200                           | SLPX122M180E5P3        |  | 0.166         | 0.125        | 3.55                          | 5.22                         | 30 x 35                       |
| 1200                           | SLPX122M180H3P3        |  | 0.166         | 0.125        | 3.49                          | 5.13                         | 35 x 30                       |
| 1500                           | SLPX152M180E7P3        |  | 0.133         | 0.100        | 4.10                          | 6.03                         | 30 x 40                       |
| 1500                           | SLPX152M180H5P3        |  | 0.133         | 0.100        | 4.02                          | 5.91                         | 35 x 35                       |
| 1800                           | SLPX182M180E4P3        |  | 0.111         | 0.083        | 4.55                          | 6.69                         | 30 x 45                       |
| 1800                           | SLPX182M180H5P3        |  | 0.111         | 0.083        | 4.54                          | 6.67                         | 35 x 35                       |
| 2200                           | SLPX222M180H7P3        |  | 0.090         | 0.068        | 4.83                          | 6.04                         | 35 x 40                       |
| 2700                           | SLPX272M180H9P3        |  | 0.074         | 0.056        | 5.30                          | 6.63                         | 35 x 50                       |
| <b>200 Vdc (250 Vdc Surge)</b> |                        |  |               |              |                               |                              |                               |
| 270                            | SLPX271M200A1P3        |  | 0.737         | 0.553        | 1.37                          | 2.01                         | 22 x 25                       |
| 330                            | SLPX331M200A3P3*       |  | 0.603         | 0.452        | 1.63                          | 2.40                         | 22 x 30                       |
| 330                            | SLPX331M200A1P3        |  | 0.603         | 0.452        | 1.51                          | 2.22                         | 22 x 25                       |
| 390                            | SLPX391M200A3P3        |  | 0.510         | 0.383        | 1.73                          | 2.54                         | 22 x 30                       |
| 390                            | SLPX391M200C1P3        |  | 0.510         | 0.383        | 1.71                          | 2.51                         | 25 x 25                       |
| 470                            | SLPX471M200A3P3        |  | 0.423         | 0.317        | 1.97                          | 2.90                         | 22 x 30                       |
| 470                            | SLPX471M200C3P3*       |  | 0.423         | 0.317        | 1.95                          | 2.87                         | 25 x 30                       |
| 560                            | SLPX561M200A7P3        |  | 0.355         | 0.266        | 2.18                          | 3.20                         | 22 x 40                       |
| 560                            | SLPX561M200C3P3        |  | 0.355         | 0.266        | 2.15                          | 3.16                         | 25 x 30                       |
| 560                            | SLPX561M200E1P3        |  | 0.355         | 0.266        | 2.15                          | 3.16                         | 30 x 25                       |
| 680                            | SLPX681M200A4P3        |  | 0.293         | 0.220        | 2.48                          | 3.65                         | 22 x 45                       |
| 680                            | SLPX681M200C5P3        |  | 0.293         | 0.220        | 2.48                          | 3.65                         | 25 x 35                       |
| 680                            | SLPX681M200E3P3        |  | 0.293         | 0.220        | 2.48                          | 3.65                         | 30 x 30                       |
| 820                            | SLPX821M200A9P3        |  | 0.243         | 0.182        | 2.81                          | 4.13                         | 22 x 50                       |
| <b>200 Vdc (250 Vdc Surge)</b> |                        |  |               |              |                               |                              |                               |
| 820                            | SLPX821M200C7P3        |  | 0.243         | 0.182        | 2.79                          | 4.10                         | 25 x 40                       |
| 820                            | SLPX821M200E3P3        |  | 0.243         | 0.182        | 2.75                          | 4.04                         | 30 x 30                       |
| 1000                           | SLPX102M200C4P3        |  | 0.199         | 0.149        | 3.28                          | 4.82                         | 25 x 45                       |
| 1000                           | SLPX102M200E5P3        |  | 0.199         | 0.149        | 3.15                          | 4.63                         | 30 x 35                       |
| 1000                           | SLPX102M200H3P3        |  | 0.199         | 0.149        | 3.25                          | 4.78                         | 35 x 30                       |
| 1200                           | SLPX122M200C9P3        |  | 0.166         | 0.125        | 3.61                          | 5.31                         | 25 x 50                       |
| 1200                           | SLPX122M200E7P3        |  | 0.166         | 0.125        | 3.61                          | 5.31                         | 30 x 40                       |
| 1200                           | SLPX122M200E4P3        |  | 0.166         | 0.125        | 3.80                          | 5.59                         | 30 x 45                       |
| 1200                           | SLPX122M200H5P3        |  | 0.166         | 0.125        | 3.57                          | 5.25                         | 35 x 35                       |
| 1500                           | SLPX152M200E4P3        |  | 0.133         | 0.100        | 4.13                          | 6.07                         | 30 x 45                       |
| 1500                           | SLPX152M200H5P3        |  | 0.133         | 0.100        | 3.85                          | 5.66                         | 35 x 35                       |
| 1500                           | SLPX152M200H7P3        |  | 0.133         | 0.100        | 4.06                          | 5.97                         | 35 x 40                       |
| 1500                           | SLPX152M200H4P3*       |  | 0.133         | 0.100        | 4.26                          | 6.26                         | 35 x 45                       |
| 1800                           | SLPX182M200H4P3        |  | 0.111         | 0.083        | 4.59                          | 6.75                         | 35 x 45                       |
| 2200                           | SLPX222M200H9P3        |  | 0.090         | 0.068        | 5.25                          | 7.72                         | 35 x 50                       |
| <b>220 Vdc (270 Vdc Surge)</b> |                        |  |               |              |                               |                              |                               |
| 220                            | SLPX221M220A1P3        |  | 0.905         | 0.679        | 1.30                          | 1.91                         | 22 x 25                       |
| 270                            | SLPX271M220A1P3        |  | 0.737         | 0.553        | 1.42                          | 2.09                         | 22 x 25                       |
| 330                            | SLPX331M220A3P3        |  | 0.603         | 0.452        | 1.59                          | 2.34                         | 22 x 30                       |
| 330                            | SLPX331M220C1P3        |  | 0.603         | 0.452        | 1.59                          | 2.34                         | 25 x 25                       |
| 390                            | SLPX391M220A5P3        |  | 0.510         | 0.383        | 1.80                          | 2.65                         | 22 x 35                       |
| 390                            | SLPX391M220C1P3        |  | 0.510         | 0.383        | 1.75                          | 2.57                         | 25 x 25                       |
| 470                            | SLPX471M220A5P3        |  | 0.423         | 0.317        | 2.06                          | 3.03                         | 22 x 35                       |
| 470                            | SLPX471M220C3P3        |  | 0.423         | 0.317        | 2.08                          | 3.06                         | 25 x 30                       |
| 470                            | SLPX471M220E1P3        |  | 0.423         | 0.317        | 2.16                          | 3.18                         | 30 x 25                       |
| 560                            | SLPX561M220A7P3        |  | 0.355         | 0.266        | 2.22                          | 3.26                         | 22 x 40                       |
| 560                            | SLPX561M220C5P3        |  | 0.355         | 0.266        | 2.38                          | 3.50                         | 25 x 35                       |
| 560                            | SLPX561M220E1P3        |  | 0.355         | 0.266        | 2.18                          | 3.20                         | 30 x 25                       |
| 680                            | SLPX681M220A4P3        |  | 0.293         | 0.220        | 2.62                          | 3.85                         | 22 x 45                       |
| 680                            | SLPX681M220C7P3        |  | 0.293         | 0.220        | 2.56                          | 3.76                         | 25 x 40                       |
| 680                            | SLPX681M220E3P3        |  | 0.293         | 0.220        | 2.52                          | 3.70                         | 30 x 30                       |
| 820                            | SLPX821M220C4P3        |  | 0.243         | 0.182        | 2.91                          | 4.28                         | 25 x 45                       |
| 820                            | SLPX821M220E5P3        |  | 0.243         | 0.182        | 2.84                          | 4.17                         | 30 x 35                       |
| 820                            | SLPX821M220H3P3        |  | 0.243         | 0.182        | 2.79                          | 4.10                         | 35 x 35                       |
| 1000                           | SLPX102M220C9P3        |  | 0.199         | 0.149        | 3.53                          | 5.19                         | 25 x 50                       |
| 1000                           | SLPX102M220E7P3        |  | 0.199         | 0.149        | 3.36                          | 4.94                         | 30 x 40                       |
| 1000                           | SLPX102M220H3P3        |  | 0.199         | 0.149        | 3.29                          | 4.84                         | 35 x 30                       |
| 1200                           | SLPX122M220E7P3        |  | 0.166         | 0.125        | 3.54                          | 5.20                         | 30 x 40                       |
| 1200                           | SLPX122M220E4P3        |  | 0.166         | 0.125        | 3.72                          | 5.47                         | 30 x 45                       |
| 1200                           | SLPX122M220H5P3        |  | 0.166         | 0.125        | 3.68                          | 5.41                         | 35 x 35                       |
| 1500                           | SLPX152M220H7P3        |  | 0.133         | 0.100        | 4.10                          | 5.13                         | 35 x 40                       |
| 1800                           | SLPX182M220H4P3        |  | 0.111         | 0.083        | 4.52                          | 5.65                         | 35 x 45                       |
| <b>250 Vdc (300 Vdc Surge)</b> |                        |  |               |              |                               |                              |                               |
| 220                            | SLPX221M250A1P3        |  | 0.905         | 0.679        | 1.24                          | 1.82                         | 22 x 25                       |
| 270                            | SLPX271M250A3P3        |  | 0.737         | 0.553        | 1.50                          | 2.21                         | 22 x 30                       |

\*Denotes Discontinued Part

# Type SLPX 85 °C Snap-In Aluminum Electrolytic

## Best Value 85 °C Snap-In Type

| Cap<br>(µF)                    | 3000 h @ 85 °C         |  | Max 25 °C ESR |              | Max 85 °C Ripple              |                              | Nominal<br>Size (DxL)<br>(mm) | Cap<br>(µF)                    | 3000 h @ 85 °C         |  | Max 25 °C ESR |              | Max 85 °C Ripple              |                              | Nominal<br>Size (DxL)<br>(mm) |
|--------------------------------|------------------------|--|---------------|--------------|-------------------------------|------------------------------|-------------------------------|--------------------------------|------------------------|--|---------------|--------------|-------------------------------|------------------------------|-------------------------------|
|                                | Catalog<br>Part Number |  | (Ω)<br>120 Hz | (Ω)<br>20kHz | (A <sub>rms</sub> )<br>120 Hz | (A <sub>rms</sub> )<br>20kHz |                               |                                | Catalog<br>Part Number |  | (Ω)<br>120 Hz | (Ω)<br>20kHz | (A <sub>rms</sub> )<br>120 Hz | (A <sub>rms</sub> )<br>20kHz |                               |
| <b>250 Vdc (300 Vdc Surge)</b> |                        |  |               |              |                               |                              |                               | <b>315 Vdc (365 Vdc Surge)</b> |                        |  |               |              |                               |                              |                               |
| 330                            | SLPX331M250A3P3        |  | 0.603         | 0.452        | 1.66                          | 2.44                         | 22 x 30                       | 1000                           | SLPX102M315H9P3        |  | 0.199         | 0.149        | 3.57                          | 4.46                         | 35 x 50                       |
| 330                            | SLPX331M250C1P3        |  | 0.603         | 0.452        | 1.61                          | 2.37                         | 25 x 25                       | <b>350 Vdc (400 Vdc Surge)</b> |                        |  |               |              |                               |                              |                               |
| 390                            | SLPX391M250A5P3        |  | 0.510         | 0.383        | 1.88                          | 2.76                         | 22 x 35                       | 120                            | SLPX121M350A1P3        |  | 1.659         | 1.244        | 1.04                          | 1.53                         | 22 x 25                       |
| 390                            | SLPX391M250C3P3        |  | 0.510         | 0.383        | 1.88                          | 2.76                         | 25 x 30                       | 150                            | SLPX151M350A3P3        |  | 1.327         | 0.995        | 1.20                          | 1.76                         | 22 x 30                       |
| 470                            | SLPX471M250A7P3        |  | 0.423         | 0.317        | 2.15                          | 3.16                         | 22 x 40                       | 150                            | SLPX151M350C1P3        |  | 1.327         | 0.995        | 1.22                          | 1.79                         | 25 x 25                       |
| 470                            | SLPX471M250C5P3        |  | 0.423         | 0.317        | 2.15                          | 3.16                         | 25 x 35                       | 180                            | SLPX181M350A3P3        |  | 1.106         | 0.830        | 1.34                          | 1.97                         | 22 x 30                       |
| 470                            | SLPX471M250E1P3        |  | 0.423         | 0.317        | 2.04                          | 3.00                         | 30 x 25                       | 180                            | SLPX181M350C1P3        |  | 1.106         | 0.830        | 1.37                          | 2.01                         | 25 x 25                       |
| 560                            | SLPX561M250A4P3        |  | 0.355         | 0.266        | 2.48                          | 3.65                         | 22 x 45                       | 220                            | SLPX221M350A5P3        |  | 0.905         | 0.679        | 1.47                          | 2.16                         | 22 x 35                       |
| 560                            | SLPX561M250C5P3        |  | 0.355         | 0.266        | 2.35                          | 3.45                         | 25 x 35                       | 220                            | SLPX221M350C3P3        |  | 0.905         | 0.679        | 1.53                          | 2.25                         | 25 x 30                       |
| 560                            | SLPX561M250E3P3        |  | 0.355         | 0.266        | 2.35                          | 3.45                         | 30 x 30                       | 220                            | SLPX221M350E1P3        |  | 0.905         | 0.679        | 1.54                          | 2.26                         | 30 x 25                       |
| 680                            | SLPX681M250C7P3        |  | 0.293         | 0.220        | 2.67                          | 3.92                         | 25 x 40                       | 270                            | SLPX271M350A7P3        |  | 0.737         | 0.553        | 1.70                          | 2.50                         | 22 x 40                       |
| 680                            | SLPX681M250E5P3        |  | 0.293         | 0.220        | 2.71                          | 3.98                         | 30 x 35                       | 270                            | SLPX271M350C5P3        |  | 0.737         | 0.553        | 1.73                          | 2.54                         | 25 x 35                       |
| 820                            | SLPX821M250C9P3        |  | 0.243         | 0.182        | 3.01                          | 4.42                         | 25 x 50                       | 270                            | SLPX271M350E1P3        |  | 0.737         | 0.553        | 1.80                          | 2.65                         | 30 x 25                       |
| 820                            | SLPX821M250E5P3        |  | 0.243         | 0.182        | 2.98                          | 4.38                         | 30 x 35                       | 330                            | SLPX331M350A4P3        |  | 0.603         | 0.452        | 1.87                          | 2.75                         | 22 x 45                       |
| 820                            | SLPX821M250H3P3        |  | 0.243         | 0.182        | 2.96                          | 4.35                         | 35 x 30                       | 330                            | SLPX331M350C7P3        |  | 0.603         | 0.452        | 1.97                          | 2.90                         | 25 x 40                       |
| 1000                           | SLPX102M250E5P3        |  | 0.199         | 0.149        | 3.20                          | 4.70                         | 30 x 35                       | 330                            | SLPX331M350E3P3        |  | 0.603         | 0.452        | 2.03                          | 2.98                         | 30 x 30                       |
| 1000                           | SLPX102M250E4P3        |  | 0.199         | 0.149        | 3.56                          | 5.23                         | 30 x 45                       | 390                            | SLPX391M350C7P3        |  | 0.510         | 0.383        | 2.14                          | 3.15                         | 25 x 40                       |
| 1000                           | SLPX102M250E9P3*       |  | 0.199         | 0.149        | 3.73                          | 5.48                         | 30 x 50                       | 390                            | SLPX391M350E5P3        |  | 0.510         | 0.383        | 2.23                          | 3.28                         | 30 x 35                       |
| 1000                           | SLPX102M250H5P3*       |  | 0.199         | 0.149        | 3.48                          | 5.12                         | 35 x 35                       | 390                            | SLPX391M350H3P3        |  | 0.510         | 0.383        | 2.30                          | 3.38                         | 35 x 30                       |
| 1200                           | SLPX122M250E9P3        |  | 0.166         | 0.125        | 3.99                          | 5.87                         | 30 x 50                       | 470                            | SLPX471M350E5P3        |  | 0.423         | 0.317        | 2.53                          | 3.72                         | 30 x 35                       |
| 1200                           | SLPX122M250H7P3        |  | 0.166         | 0.125        | 3.84                          | 5.64                         | 35 x 40                       | 470                            | SLPX471M350H3P3        |  | 0.423         | 0.317        | 2.55                          | 3.75                         | 35 x 30                       |
| 1500                           | SLPX152M250H4P3        |  | 0.133         | 0.100        | 4.33                          | 6.37                         | 35 x 45                       | 560                            | SLPX561M350E7P3        |  | 0.355         | 0.266        | 2.73                          | 4.01                         | 30 x 40                       |
| 1800                           | SLPX182M250H9P3        |  | 0.111         | 0.083        | 4.54                          | 6.67                         | 35 x 50                       | 560                            | SLPX561M350H5P3        |  | 0.355         | 0.266        | 2.75                          | 4.04                         | 35 x 35                       |
| <b>315 Vdc (365 Vdc Surge)</b> |                        |  |               |              |                               |                              |                               | 680                            | SLPX681M350H7P3        |  | 0.293         | 0.220        | 3.15                          | 4.63                         | 35 x 40                       |
| 180                            | SLPX181M315A3P3        |  | 1.106         | 0.830        | 1.29                          | 1.90                         | 22 x 30                       | 820                            | SLPX821M350H4P3        |  | 0.243         | 0.182        | 3.47                          | 5.10                         | 35 x 45                       |
| 180                            | SLPX181M315C1P3        |  | 1.106         | 0.830        | 1.38                          | 2.03                         | 25 x 25                       | 1000                           | SLPX102M350H9P3        |  | 0.199         | 0.149        | 3.60                          | 5.29                         | 35 x 50                       |
| 220                            | SLPX221M315A5P3        |  | 0.905         | 0.679        | 1.41                          | 2.07                         | 22 x 35                       | <b>385 Vdc (435 Vdc Surge)</b> |                        |  |               |              |                               |                              |                               |
| 220                            | SLPX221M315C3P3        |  | 0.905         | 0.679        | 1.47                          | 2.16                         | 25 x 30                       | 82                             | SLPX820M385A1P3        |  | 2.427         | 1.820        | 0.76                          | 1.12                         | 22 x 25                       |
| 270                            | SLPX271M315A7P3        |  | 0.737         | 0.553        | 1.70                          | 2.50                         | 22 x 40                       | 100                            | SLPX101M385A3P3        |  | 1.990         | 1.493        | 0.89                          | 1.31                         | 22 x 30                       |
| 270                            | SLPX271M315C3P3        |  | 0.737         | 0.553        | 1.70                          | 2.50                         | 25 x 30                       | 120                            | SLPX121M385A3P3        |  | 1.659         | 1.244        | 0.98                          | 1.44                         | 22 x 30                       |
| 330                            | SLPX331M315A4P3        |  | 0.603         | 0.452        | 1.91                          | 2.81                         | 22 x 45                       | 120                            | SLPX121M385C1P3        |  | 1.659         | 1.244        | 1.02                          | 1.50                         | 25 x 25                       |
| 330                            | SLPX331M315C5P3        |  | 0.603         | 0.452        | 1.94                          | 2.85                         | 25 x 35                       | 150                            | SLPX151M385A5P3        |  | 1.327         | 0.995        | 1.12                          | 1.65                         | 22 x 35                       |
| 330                            | SLPX331M315E3P3        |  | 0.603         | 0.452        | 1.98                          | 2.91                         | 30 x 30                       | 150                            | SLPX151M385C3P3        |  | 1.327         | 0.995        | 1.14                          | 1.68                         | 25 x 30                       |
| 390                            | SLPX391M315A9P3        |  | 0.510         | 0.383        | 2.07                          | 3.04                         | 22 x 50                       | 180                            | SLPX181M385A7P3        |  | 1.106         | 0.830        | 1.27                          | 1.87                         | 22 x 40                       |
| 390                            | SLPX391M315C7P3        |  | 0.510         | 0.383        | 2.11                          | 3.10                         | 25 x 40                       | 180                            | SLPX181M385C5P3        |  | 1.106         | 0.830        | 1.30                          | 1.91                         | 25 x 35                       |
| 390                            | SLPX391M315E3P3        |  | 0.510         | 0.383        | 2.15                          | 3.16                         | 30 x 30                       | 180                            | SLPX181M385E1P3        |  | 1.106         | 0.830        | 1.37                          | 2.01                         | 30 x 25                       |
| 470                            | SLPX471M315C4P3        |  | 0.423         | 0.317        | 2.39                          | 3.51                         | 25 x 45                       | 220                            | SLPX221M385A4P3        |  | 0.905         | 0.679        | 1.42                          | 2.09                         | 22 x 45                       |
| 470                            | SLPX471M315E5P3        |  | 0.423         | 0.317        | 2.38                          | 3.50                         | 30 x 35                       | 220                            | SLPX221M385C5P3        |  | 0.905         | 0.679        | 1.48                          | 2.18                         | 25 x 35                       |
| 470                            | SLPX471M315H3P3        |  | 0.423         | 0.317        | 2.36                          | 3.47                         | 35 x 30                       | 220                            | SLPX221M385E3P3        |  | 0.905         | 0.679        | 1.49                          | 2.19                         | 30 x 30                       |
| 560                            | SLPX561M315E7P3        |  | 0.355         | 0.266        | 2.63                          | 3.87                         | 30 x 40                       | 270                            | SLPX271M385C7P3        |  | 0.737         | 0.553        | 1.61                          | 2.37                         | 25 x 40                       |
| 560                            | SLPX561M315H5P3        |  | 0.355         | 0.266        | 2.69                          | 3.95                         | 35 x 35                       | 270                            | SLPX271M385E5P3        |  | 0.737         | 0.553        | 1.64                          | 2.41                         | 30 x 35                       |
| 680                            | SLPX681M315E4P3        |  | 0.293         | 0.220        | 2.80                          | 4.12                         | 30 x 45                       | 330                            | SLPX331M385C9P3        |  | 0.603         | 0.452        | 1.80                          | 2.65                         | 25 x 50                       |
| 680                            | SLPX681M315H7P3        |  | 0.293         | 0.220        | 3.05                          | 4.48                         | 35 x 40                       | 330                            | SLPX331M385E7P3        |  | 0.603         | 0.452        | 1.85                          | 2.72                         | 30 x 40                       |
| 820                            | SLPX821M315E9P3        |  | 0.243         | 0.182        | 3.28                          | 4.82                         | 30 x 50                       | 330                            | SLPX331M385H3P3        |  | 0.603         | 0.452        | 1.87                          | 2.75                         | 35 x 30                       |
| 820                            | SLPX821M315H4P3        |  | 0.243         | 0.182        | 3.45                          | 5.07                         | 35 x 45                       | 390                            | SLPX391M385E7P3        |  | 0.510         | 0.383        | 2.05                          | 3.01                         | 30 x 40                       |

\*Denotes Discontinued Part

# Type SLPX 85 °C Snap-In Aluminum Electrolytic

## Best Value 85 °C Snap-In Type

| Cap<br>µF                      | Catalog<br>Part Number<br>3000 h @ 85 °C | Max ESR<br>Ω @ 25°C |       | Max Ripple<br>(A <sub>rms</sub> ) max @ 85°C |       | Nominal<br>Size (DxL)<br>(mm) |
|--------------------------------|--|---------------------|-------|--|-------|-------------------------------|
|                                |  | 120 Hz              | 20kHz | 120 Hz                                       | 20kHz |                               |
| <b>385 Vdc (435 Vdc Surge)</b> |  |                     |       |  |       |                               |
| 390                            | SLPX391M385H5P3                          | 0.510               | 0.383 | 2.07   | 3.04  | 35 x 35                       |
| 470                            | SLPX471M385E9P3                          | 0.423               | 0.317 | 2.26   | 3.32  | 30 x 50                       |
| 470                            | SLPX471M385H7P3                          | 0.423               | 0.317 | 2.26   | 3.32  | 35 x 40                       |
| 560                            | SLPX561M385H4P3                          | 0.355               | 0.266 | 2.59   | 3.81  | 35 x 45                       |
| 680                            | SLPX681M385H9P3                          | 0.293               | 0.220 | 2.80   | 4.12  | 35 x 50                       |
| <b>400 Vdc (450 Vdc Surge)</b> |  |                     |       |  |       |                               |
| 82                             | SLPX820M400A1P3                          | 2.427               | 1.820 | 0.84   | 1.23  | 22 x 25                       |
| 100                            | SLPX101M400A3P3                          | 1.990               | 1.493 | 0.99   | 1.46  | 22 x 30                       |
| 120                            | SLPX121M400C1P3                          | 1.659               | 1.244 | 1.13   | 1.66  | 25 x 25                       |
| 120                            | SLPX121M400A3P3                          | 1.659               | 1.244 | 1.09   | 1.60  | 22 x 30                       |
| 150                            | SLPX151M400A5P3                          | 1.327               | 0.995 | 1.24   | 1.82  | 22 x 35                       |
| 150                            | SLPX151M400C3P3                          | 1.327               | 0.995 | 1.27   | 1.87  | 25 x 30                       |
| 180                            | SLPX181M400A7P3                          | 1.106               | 0.830 | 1.41   | 2.07  | 22 x 40                       |
| 180                            | SLPX181M400C3P3                          | 1.106               | 0.830 | 1.44   | 2.12  | 25 x 30                       |
| 180                            | SLPX181M400E1P3                          | 1.106               | 0.830 | 1.52   | 2.23  | 30 x 25                       |
| 220                            | SLPX221M400A4P3                          | 0.905               | 0.679 | 1.58   | 2.32  | 22 x 45                       |
| 220                            | SLPX221M400C3P3                          | 0.900               | 0.675 | 1.54   | 2.26  | 25 x 30                       |
| 220                            | SLPX221M400C5P3                          | 0.905               | 0.679 | 1.64   | 2.41  | 25 x 35                       |
| 220                            | SLPX221M400E3P3                          | 0.905               | 0.679 | 1.66   | 2.44  | 30 x 30                       |
| 270                            | SLPX271M400C7P3                          | 0.737               | 0.553 | 1.79   | 2.63  | 25 x 40                       |
| 270                            | SLPX271M400E3P3                          | 0.737               | 0.553 | 1.82   | 2.68  | 30 x 30                       |
| 330                            | SLPX331M400E3P3                          | 0.603               | 0.452 | 2.05   | 3.01  | 30 x 30                       |
| 330                            | SLPX331M400H3P3                          | 0.603               | 0.452 | 2.05   | 3.01  | 35 x 30                       |
| 330                            | SLPX331M400C4P3                          | 0.603               | 0.452 | 2.00   | 2.94  | 25 x 45                       |
| 390                            | SLPX391M400E7P3                          | 0.510               | 0.383 | 2.26   | 3.32  | 30 x 40                       |
| 390                            | SLPX391M400H5P3                          | 0.510               | 0.383 | 2.28   | 3.35  | 35 x 35                       |
| 470                            | SLPX471M400E4P3                          | 0.423               | 0.317 | 2.51   | 3.69  | 30 x 45                       |
| 470                            | SLPX471M400H7P3                          | 0.423               | 0.317 | 2.54   | 3.73  | 35 x 40                       |
| 560                            | SLPX561M400H9P3                          | 0.355               | 0.266 | 3.13   | 4.60  | 35 x 50                       |
| 560                            | SLPX561M400H7P3                          | 0.355               | 0.266 | 2.85   | 4.19  | 35 x 40                       |
| 680                            | SLPX681M400H9P3                          | 0.293               | 0.220 | 3.10   | 3.88  | 35 x 50                       |
| 820                            | SLPX821M400H9P3                          | 0.240               | 0.180 | 3.40   | 4.25  | 35 x 50                       |
| <b>420 Vdc (470 Vdc Surge)</b> |  |                     |       |  |       |                               |
| 82                             | SLPX820M420A1P3                          | 2.427               | 1.820 | 0.85   | 1.25  | 22 x 25                       |
| 100                            | SLPX101M420A3P3                          | 1.990               | 1.493 | 0.97   | 1.43  | 22 x 30                       |
| 100                            | SLPX101M420C1P3                          | 1.990               | 1.493 | 0.98   | 1.44  | 25 x 25                       |
| 120                            | SLPX121M420A3P3                          | 1.659               | 1.244 | 1.07   | 1.57  | 22 x 30                       |
| 120                            | SLPX121M420C1P3                          | 1.659               | 1.244 | 1.08   | 1.59  | 25 x 25                       |
| 150                            | SLPX151M420A5P3                          | 1.327               | 0.995 | 1.21   | 1.78  | 22 x 35                       |
| 150                            | SLPX151M420C3P3                          | 1.327               | 0.995 | 1.26   | 1.85  | 25 x 30                       |
| 150                            | SLPX151M420E1P3                          | 1.327               | 0.995 | 1.30   | 1.91  | 30 x 25                       |
| 180                            | SLPX181M420A7P3                          | 1.106               | 0.830 | 1.33   | 1.96  | 22 x 40                       |

| Cap<br>µF                      | Catalog<br>Part Number<br>3000 h @ 85 °C | Max ESR<br>Ω @ 25°C |       | Max Ripple<br>(A <sub>rms</sub> ) max @ 85°C |       | Nominal<br>Size (DxL)<br>(mm) |
|--------------------------------|--|---------------------|-------|--|-------|-------------------------------|
|                                |  | 120 Hz              | 20kHz | 120 Hz                                       | 20kHz |                               |
| <b>420 Vdc (470 Vdc Surge)</b> |  |                     |       |  |       |                               |
| 180                            | SLPX181M420C5P3                          | 1.106               | 0.830 | 1.42   | 2.09  | 25 x 35                       |
| 180                            | SLPX181M420E1P3                          | 1.106               | 0.830 | 1.48   | 2.18  | 30 x 25                       |
| 220                            | SLPX221M420A4P3                          | 0.905               | 0.679 | 1.55   | 2.28  | 22 x 45                       |
| 220                            | SLPX221M420C5P3                          | 0.905               | 0.679 | 1.58   | 2.32  | 25 x 35                       |
| 220                            | SLPX221M420E3P3                          | 0.905               | 0.679 | 1.65   | 2.43  | 30 x 30                       |
| 270                            | SLPX271M420C7P3                          | 0.737               | 0.553 | 1.74   | 2.56  | 25 x 40                       |
| 270                            | SLPX271M420E5P3                          | 0.737               | 0.553 | 1.90   | 2.79  | 30 x 35                       |
| 270                            | SLPX271M420H3P3                          | 0.737               | 0.553 | 1.94   | 2.85  | 35 x 30                       |
| 330                            | SLPX331M420C9P3                          | 0.603               | 0.452 | 2.20   | 3.23  | 25 x 50                       |
| 330                            | SLPX331M420E5P3                          | 0.603               | 0.452 | 1.98   | 2.91  | 30 x 35                       |
| 330                            | SLPX331M420H5P3                          | 0.603               | 0.452 | 2.17   | 3.19  | 35 x 35                       |
| 390                            | SLPX391M420E7P3                          | 0.510               | 0.383 | 2.22   | 3.26  | 30 x 40                       |
| 390                            | SLPX391M420H5P3                          | 0.510               | 0.383 | 2.27   | 3.34  | 35 x 35                       |
| 470                            | SLPX471M420E4P3                          | 0.423               | 0.317 | 2.50   | 3.68  | 30 x 45                       |
| 470                            | SLPX471M420H7P3                          | 0.423               | 0.317 | 2.61   | 3.84  | 35 x 40                       |
| 560                            | SLPX561M420H4P3                          | 0.355               | 0.266 | 2.95   | 4.34  | 35 x 45                       |
| <b>450 Vdc (500 Vdc Surge)</b> |  |                     |       |  |       |                               |
| 68                             | SLPX680M450A1P3                          | 3.903               | 2.927 | 0.71   | 1.04  | 22 x 25                       |
| 82                             | SLPX820M450A1P3                          | 3.236               | 2.427 | 0.86   | 1.26  | 22 x 25                       |
| 100                            | SLPX101M450C1P3                          | 2.654               | 1.991 | 0.97   | 1.43  | 25 x 25                       |
| 120                            | SLPX121M450A3P3                          | 2.212               | 1.659 | 1.00   | 1.47  | 22 x 30                       |
| 120                            | SLPX121M450C3P3                          | 2.212               | 1.659 | 1.09   | 1.60  | 25 x 30                       |
| 120                            | SLPX121M450E1P3                          | 2.212               | 1.659 | 1.12   | 1.65  | 30 x 25                       |
| 150                            | SLPX151M450A7P3                          | 1.769               | 1.327 | 1.18   | 1.73  | 22 x 40                       |
| 150                            | SLPX151M450C3P3                          | 1.769               | 1.327 | 1.25   | 1.84  | 25 x 30                       |
| 150                            | SLPX151M450E1P3                          | 1.769               | 1.327 | 1.29   | 1.90  | 30 x 25                       |
| 180                            | SLPX181M450E1P3                          | 1.470               | 1.103 | 1.35   | 1.98  | 30 x 25                       |
| 180                            | SLPX181M450A4P3                          | 1.474               | 1.106 | 1.32   | 1.94  | 22 x 45                       |
| 180                            | SLPX181M450C5P3                          | 1.474               | 1.106 | 1.40   | 2.06  | 25 x 35                       |
| 220                            | SLPX221M450C7P3                          | 1.206               | 0.905 | 1.59   | 2.34  | 25 x 40                       |
| 220                            | SLPX221M450E3P3                          | 1.206               | 0.905 | 1.64   | 2.41  | 30 x 30                       |
| 220                            | SLPX221M450H3P3                          | 1.206               | 0.905 | 1.66   | 2.44  | 35 x 30                       |
| 270                            | SLPX271M450C4P3                          | 0.983               | 0.737 | 1.73   | 2.54  | 25 x 45                       |
| 270                            | SLPX271M450E3P3                          | 0.983               | 0.737 | 1.78   | 2.62  | 30 x 30                       |
| 270                            | SLPX271M450E5P3                          | 0.983               | 0.737 | 1.89   | 2.78  | 30 x 35                       |
| 270                            | SLPX271M450H3P3                          | 0.983               | 0.737 | 1.90   | 2.79  | 35 x 30                       |
| 330                            | SLPX331M450H5P3                          | 0.804               | 0.603 | 2.15   | 3.16  | 35 x 35                       |
| 330                            | SLPX331M450E7P3                          | 0.804               | 0.603 | 2.12   | 3.12  | 30 x 40                       |
| 390                            | SLPX391M450E4P3                          | 0.680               | 0.510 | 2.35   | 3.45  | 30 x 45                       |
| 390                            | SLPX391M450H7P3                          | 0.680               | 0.510 | 2.38   | 3.50  | 35 x 40                       |
| 470                            | SLPX471M450H9P3*                         | 0.565               | 0.424 | 2.80   | 4.12  | 35 x 50                       |
| 470                            | SLPX471M450H4P3                          | 0.565               | 0.424 | 2.68   | 3.94  | 35 x 45                       |

\*Denotes Discontinued Part

# Type SLPX 85 °C Snap-In Aluminum Electrolytic

## Best Value 85 °C Snap-In Type

### Typical Performance Curves



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