

# Type SLP 105 °C Snap-In Aluminum Electrolytic

## Best Value 105 °C Snap-In Type



Type SLP is the best value package snap-in series for 105 °C, 3000 h operation. This series is the most cost-effective choice for DC filtering and power supply applications where high temperature, long life and high ripple capability are needed.

### Highlights

- 3000 h ripple load life at rated voltage
- 105 °C rated
- Small case size with high capacitance
- Best for switching power supplies
- 22 mm to 35 mm diameter, 10 mm lead spacing
- Best value snap-in type
- High ripple current

### Specifications

|                                                                    |                                                                                                                                      |       |        |        |             |
|--------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------|-------|--------|--------|-------------|
| Temperature Range                                                  | -40 °C to +105 °C ≤ 100 Vdc<br>-25 °C to +105 °C ≥ 160 Vdc                                                                           |       |        |        |             |
| Rated Voltage Range                                                | 10 Vdc to 450 Vdc                                                                                                                    |       |        |        |             |
| Capacitance Range                                                  | 47 μF to 56,000 μF                                                                                                                   |       |        |        |             |
| Capacitance Tolerance                                              | ±20%                                                                                                                                 |       |        |        |             |
| Leakage Current                                                    | ≤ 3 √CV μA at 5 minutes                                                                                                              |       |        |        |             |
| Ripple Current Multipliers                                         | Ambient Temperature                                                                                                                  |       |        |        |             |
|                                                                    | 20 °C - 45 °C                                                                                                                        | 65 °C | 85 °C  | 105 °C |             |
|                                                                    | 2.00                                                                                                                                 | 1.89  | 1.52   | 1.00   |             |
|                                                                    | Frequency                                                                                                                            |       |        |        |             |
|                                                                    | 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  | 1.25   | 1.47   |             |
| To apply multipliers, see ratings tables for ripple current values |                                                                                                                                      |       |        |        |             |
| Low Temperature Characteristics                                    | Impedance ratio: Z <sub>-20°C</sub> /Z <sub>+25°C</sub><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 @105 °C<br>Δ Capacitance ±20%<br>ESR ≤200% of limit<br>DCL 100 % of limit                                        |       |        |        |             |
| Shelf Life                                                         | 1,000 h @ 105 °C<br>Δ Capacitance ±20%<br>ESR ≤150% of limit<br>DCL 100 % of limit                                                   |       |        |        |             |
| Vibration                                                          | 10 Hz to 55 Hz , 0.06” and 10g max<br>2 h for each plane                                                                             |       |        |        |             |
| RoHS Compliant                                                     |                                                                                                                                      |       |        |        |             |

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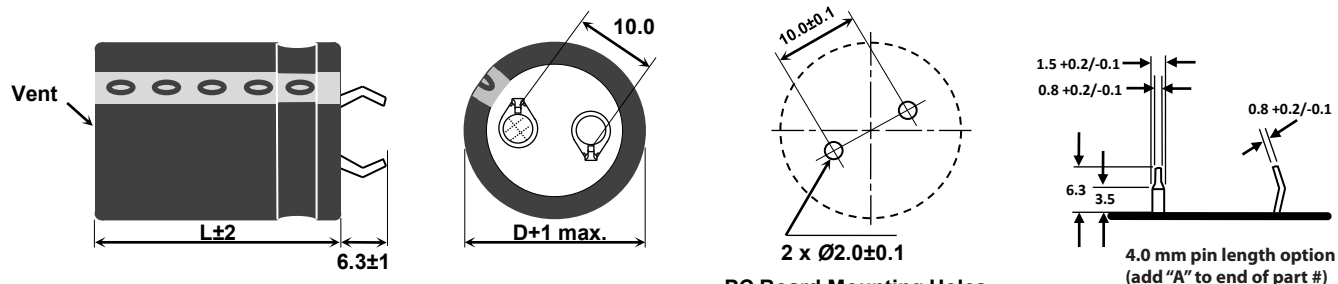
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### Part Numbering System

| SLP  | 562                                                             | M             | 025                           | A3        | P             | 3                 | A                                                              |
|------|-----------------------------------------------------------------|---------------|-------------------------------|-----------|---------------|-------------------|----------------------------------------------------------------|
| Type | Cap                                                             | Tolerance     | Voltage                       | Case Code | Polarity      | Insulating Sleeve | Pin Style                                                      |
| SLP  | 821 = 820 $\mu$ F<br>332 = 3300 $\mu$ F<br>103 = 10,000 $\mu$ F | M = $\pm$ 20% | 025 = 25 Vdc<br>250 = 250 Vdc |           | P = Polarized | 3 = PVC           | 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     |
|          |        | (1.00) | (1.18) | (1.38) | (1.57) | (1.77) | (2.00) |
| mm       | (in)   |        |        |        |        |        |        |
| 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<br>( $\mu$ F)     | 3000 h @ 105 °C<br>Catalog<br>Part Number | Max 25 °C ESR<br>( $\Omega$ )<br>120 Hz 20kHz | Max 105 °C Ripple<br>(A <sub>rms</sub> )<br>120 Hz 20kHz | Nominal<br>Size (DxL)<br>(mm) |
|-----------------------|-------------------------------------------|-----------------------------------------------|----------------------------------------------------------|-------------------------------|
| 10 Vdc (13 Vdc Surge) |                                           |                                               |                                                          |                               |
| 10000                 | SLP103M010A1P3                            | 0.073                                         | 0.055                                                    | 1.80 2.25 22 x 25             |
| 12000                 | SLP123M010A3P3                            | 0.061                                         | 0.046                                                    | 2.20 2.75 22 x 30             |
| 12000                 | SLP123M010C1P3                            | 0.061                                         | 0.046                                                    | 2.20 2.75 25 x 25             |
| 15000                 | SLP153M010A5P3                            | 0.049                                         | 0.037                                                    | 2.30 2.88 22 x 35             |
| 15000                 | SLP153M010C1P3                            | 0.049                                         | 0.037                                                    | 2.30 2.88 25 x 25             |
| 18000                 | SLP183M010A7P3                            | 0.041                                         | 0.031                                                    | 2.52 3.15 22 x 40             |
| 18000                 | SLP183M010C3P3                            | 0.041                                         | 0.031                                                    | 2.40 3.00 25 x 30             |
| 22000                 | SLP223M010A4P3                            | 0.033                                         | 0.025                                                    | 2.60 3.25 22 x 45             |
| 22000                 | SLP223M010C5P3                            | 0.033                                         | 0.025                                                    | 2.60 3.25 25 x 35             |
| 27000                 | SLP273M010A9P3                            | 0.027                                         | 0.020                                                    | 3.19 3.99 22 x 50             |
| 27000                 | SLP273M010C7P3                            | 0.027                                         | 0.020                                                    | 3.10 3.88 25 x 40             |
| 33000                 | SLP333M010C4P3                            | 0.022                                         | 0.017                                                    | 3.40 4.25 25 x 45             |
| 33000                 | SLP333M010H3P3                            | 0.022                                         | 0.017                                                    | 3.40 4.25 35 x 30             |
| 39000                 | SLP393M010E7P3                            | 0.019                                         | 0.014                                                    | 3.79 4.74 30 x 40             |
| 39000                 | SLP393M010H3P3                            | 0.019                                         | 0.014                                                    | 3.70 4.63 35 x 30             |
| 47000                 | SLP473M010E4P3                            | 0.016                                         | 0.012                                                    | 4.26 5.33 30 x 45             |
| 47000                 | SLP473M010H5P3                            | 0.016                                         | 0.012                                                    | 4.20 5.25 35 x 35             |
| 56000                 | SLP563M010H7P3                            | 0.013                                         | 0.010                                                    | 5.00 6.25 35 x 40             |
| 16 Vdc (20 Vdc Surge) |                                           |                                               |                                                          |                               |
| 6800                  | SLP682M016A1P3                            | 0.098                                         | 0.074                                                    | 2.20 2.75 22 x 25             |
| 8200                  | SLP822M016A3P3                            | 0.081                                         | 0.061                                                    | 2.40 3.00 22 x 30             |
| 10000                 | SLP103M016A3P3                            | 0.066                                         | 0.050                                                    | 2.60 3.25 22 x 30             |

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

| Cap<br>( $\mu$ F)     | 3000 h @ 105 °C<br>Catalog<br>Part Number | Max 25 °C ESR<br>( $\Omega$ )<br>120 Hz 20kHz | Max 105 °C Ripple<br>(A <sub>rms</sub> )<br>120 Hz 20kHz | Nominal<br>Size (DxL)<br>(mm) |
|-----------------------|-------------------------------------------|-----------------------------------------------|----------------------------------------------------------|-------------------------------|
| 16 Vdc (20 Vdc Surge) |                                           |                                               |                                                          |                               |
| 10000                 | SLP103M016C1P3                            | 0.066                                         | 0.050                                                    | 2.60 3.25 25 x 25             |
| 12000                 | SLP123M016A5P3                            | 0.055                                         | 0.041                                                    | 2.90 3.63 22 x 35             |
| 12000                 | SLP123M016C3P3                            | 0.055                                         | 0.041                                                    | 2.90 3.63 25 x 30             |
| 15000                 | SLP153M016A7P3                            | 0.044                                         | 0.033                                                    | 3.20 4.00 22 x 40             |
| 15000                 | SLP153M016C5P3                            | 0.044                                         | 0.033                                                    | 3.25 4.06 25 x 35             |
| 15000                 | SLP153M016E1P3                            | 0.044                                         | 0.033                                                    | 3.11 3.89 30 x 25             |
| 18000                 | SLP183M016A4P3                            | 0.037                                         | 0.028                                                    | 3.50 4.38 22 x 45             |
| 18000                 | SLP183M016C7P3                            | 0.037                                         | 0.028                                                    | 3.50 4.38 25 x 40             |
| 18000                 | SLP183M016E3P3                            | 0.037                                         | 0.028                                                    | 3.50 4.38 30 x 30             |
| 22000                 | SLP223M016C4P3                            | 0.030                                         | 0.023                                                    | 3.80 4.75 25 x 45             |
| 22000                 | SLP223M016E3P3                            | 0.030                                         | 0.023                                                    | 3.80 4.75 30 x 30             |
| 22000                 | SLP223M016H3P3                            | 0.030                                         | 0.023                                                    | 3.80 4.75 35 x 30             |
| 27000                 | SLP273M016C9P3                            | 0.025                                         | 0.019                                                    | 4.20 5.25 25 x 50             |
| 27000                 | SLP273M016E5P3                            | 0.025                                         | 0.019                                                    | 4.20 5.25 30 x 35             |
| 27000                 | SLP273M016H3P3                            | 0.025                                         | 0.019                                                    | 4.20 5.25 35 x 30             |
| 33000                 | SLP333M016E7P3                            | 0.020                                         | 0.015                                                    | 4.70 5.88 30 x 40             |
| 33000                 | SLP333M016H5P3                            | 0.020                                         | 0.015                                                    | 4.70 5.88 35 x 35             |
| 39000                 | SLP393M016E4P3                            | 0.017                                         | 0.013                                                    | 4.90 6.13 30 x 45             |
| 39000                 | SLP393M016H7P3                            | 0.017                                         | 0.013                                                    | 5.10 6.38 35 x 40             |
| 47000                 | SLP473M016E9P3                            | 0.014                                         | 0.011                                                    | 5.27 6.59 30 x 50             |
| 47000                 | SLP473M016H4P3                            | 0.014                                         | 0.011                                                    | 5.50 6.88 35 x 45             |

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| Cap                   | 3000 h @ 105 °C | Max 25 °C ESR |       | Max 105 °C Ripple   |       | Nominal    |
|-----------------------|-----------------|---------------|-------|---------------------|-------|------------|
| Catalog               |                 | (Ω)           |       | (A <sub>rms</sub> ) |       | Size (DxL) |
| Part Number           |                 | 120 Hz        | 20kHz | 120 Hz              | 20kHz | (mm)       |
| 25 Vdc (32 Vdc Surge) |                 |               |       |                     |       |            |
| 3300                  | SLP332M025A1P3  | 0.181         | 0.136 | 1.70                | 2.13  | 22 x 25    |
| 4700                  | SLP472M025A1P3  | 0.127         | 0.095 | 2.00                | 2.50  | 22 x 25    |
| 5600                  | SLP562M025A3P3  | 0.107         | 0.080 | 2.20                | 2.75  | 22 x 30    |
| 6800                  | SLP682M025A3P3  | 0.088         | 0.066 | 2.40                | 3.00  | 22 x 30    |
| 6800                  | SLP682M025C1P3  | 0.088         | 0.066 | 2.40                | 3.00  | 25 x 25    |
| 8200                  | SLP822M025A5P3  | 0.073         | 0.055 | 2.70                | 3.38  | 22 x 35    |
| 8200                  | SLP822M025C3P3  | 0.073         | 0.055 | 2.70                | 3.38  | 25 x 30    |
| 8200                  | SLP822M025E1P3  | 0.073         | 0.055 | 2.70                | 3.38  | 30 x 25    |
| 10000                 | SLP103M025A7P3  | 0.060         | 0.045 | 3.00                | 3.75  | 22 x 40    |
| 10000                 | SLP103M025C5P3  | 0.060         | 0.045 | 3.00                | 3.75  | 25 x 35    |
| 10000                 | SLP103M025E3P3  | 0.060         | 0.045 | 3.00                | 3.75  | 30 x 30    |
| 12000                 | SLP123M025A9P3  | 0.050         | 0.038 | 3.20                | 4.00  | 22 x 50    |
| 12000                 | SLP123M025C7P3  | 0.050         | 0.038 | 3.20                | 4.00  | 25 x 40    |
| 15000                 | SLP153M025C4P3  | 0.040         | 0.030 | 3.60                | 4.50  | 25 x 45    |
| 15000                 | SLP153M025E5P3  | 0.040         | 0.030 | 3.60                | 4.50  | 30 x 35    |
| 15000                 | SLP153M025H3P3  | 0.040         | 0.030 | 3.60                | 4.50  | 35 x 30    |
| 18000                 | SLP183M025E7P3  | 0.033         | 0.025 | 3.90                | 4.88  | 30 x 40    |
| 18000                 | SLP183M025H5P3  | 0.033         | 0.025 | 3.90                | 4.88  | 35 x 35    |
| 22000                 | SLP223M025E4P3  | 0.027         | 0.020 | 4.30                | 5.38  | 30 x 45    |
| 22000                 | SLP223M025H5P3  | 0.027         | 0.020 | 4.30                | 5.38  | 35 x 35    |
| 27000                 | SLP273M025H4P3  | 0.022         | 0.017 | 4.80                | 6.00  | 35 x 45    |
| 33000                 | SLP333M025H9P3  | 0.018         | 0.014 | 5.55                | 6.94  | 35 x 50    |
| 35 Vdc (44 Vdc Surge) |                 |               |       |                     |       |            |
| 3900                  | SLP392M035A3P3  | 0.136         | 0.102 | 2.00                | 2.50  | 22 x 30    |
| 4700                  | SLP472M035A5P3  | 0.113         | 0.085 | 2.20                | 2.75  | 22 x 35    |
| 4700                  | SLP472M035C1P3  | 0.113         | 0.085 | 2.20                | 2.75  | 25 x 25    |
| 4700                  | SLP472M035C5P3  | 0.113         | 0.085 | 2.53                | 3.16  | 25 x 35    |
| 5600                  | SLP562M035A5P3  | 0.095         | 0.071 | 2.40                | 3.00  | 22 x 35    |
| 5600                  | SLP562M035C3P3  | 0.095         | 0.071 | 2.40                | 3.00  | 25 x 30    |
| 6800                  | SLP682M035A7P3  | 0.078         | 0.059 | 2.60                | 3.25  | 22 x 40    |
| 6800                  | SLP682M035C5P3  | 0.078         | 0.059 | 2.60                | 3.25  | 25 x 35    |
| 6800                  | SLP682M035E1P3  | 0.078         | 0.059 | 2.78                | 3.48  | 30 x 25    |
| 8200                  | SLP822M035A9P3  | 0.065         | 0.049 | 2.90                | 3.63  | 22 x 50    |
| 8200                  | SLP822M035C7P3  | 0.065         | 0.049 | 2.90                | 3.63  | 25 x 40    |
| 8200                  | SLP822M035E3P3  | 0.065         | 0.049 | 2.90                | 3.63  | 30 x 30    |
| 10000                 | SLP103M035C4P3  | 0.053         | 0.040 | 3.20                | 4.00  | 25 x 45    |
| 10000                 | SLP103M035E5P3  | 0.053         | 0.040 | 3.20                | 4.00  | 30 x 35    |
| 10000                 | SLP103M035C7P3  | 0.053         | 0.040 | 3.04                | 3.80  | 25 x 40    |
| 12000                 | SLP123M035C9P3  | 0.044         | 0.033 | 3.50                | 4.38  | 25 x 50    |
| 12000                 | SLP123M035E7P3  | 0.044         | 0.033 | 3.50                | 4.38  | 30 x 40    |
| 12000                 | SLP123M035H3P3  | 0.044         | 0.033 | 3.50                | 4.38  | 35 x 30    |
| 15000                 | SLP153M035E4P3  | 0.035         | 0.026 | 3.90                | 4.88  | 30 x 45    |
| 15000                 | SLP153M035H5P3  | 0.035         | 0.026 | 3.90                | 4.88  | 35 x 35    |

| Additional Voltages and Sizes available at <a href="http://www.xdc.com/catalogs/SLP.pdf">www.xdc.com/catalogs/SLP.pdf</a> |                 |               |       |                     |       |            |
|---------------------------------------------------------------------------------------------------------------------------|-----------------|---------------|-------|---------------------|-------|------------|
| Cap                                                                                                                       | 3000 h @ 105 °C | Max 25 °C ESR |       | Max 105 °C Ripple   |       | Nominal    |
| Cap                                                                                                                       | Catalog         | (Ω)           |       | (A <sub>rms</sub> ) |       | Size (DxL) |
| (µF)                                                                                                                      | Part Number     | 120 Hz        | 20kHz | 120 Hz              | 20kHz | (mm)       |
| 35 Vdc (44 Vdc Surge)                                                                                                     |                 |               |       |                     |       |            |
| 18000                                                                                                                     | SLP183M035H7P3  | 0.029         | 0.022 | 4.51                | 5.64  | 35 x 40    |
| 22000                                                                                                                     | SLP223M035H4P3  | 0.024         | 0.018 | 5.24                | 6.55  | 35 x 45    |
| 22000                                                                                                                     | SLP223M035H9P3  | 0.024         | 0.018 | 5.48                | 6.85  | 35 x 50    |
| 50 Vdc (63 Vdc Surge)                                                                                                     |                 |               |       |                     |       |            |
| 1800                                                                                                                      | SLP182M050A1P3  | 0.258         | 0.194 | 1.50                | 1.88  | 22 x 25    |
| 2200                                                                                                                      | SLP222M050A3P3  | 0.211         | 0.158 | 1.70                | 2.13  | 22 x 30    |
| 2700                                                                                                                      | SLP272M050A3P3  | 0.172         | 0.129 | 1.80                | 2.25  | 22 x 30    |
| 2700                                                                                                                      | SLP272M050C1P3  | 0.172         | 0.129 | 1.80                | 2.25  | 25 x 25    |
| 3300                                                                                                                      | SLP332M050A5P3  | 0.141         | 0.106 | 2.00                | 2.50  | 22 x 35    |
| 3300                                                                                                                      | SLP332M050C3P3  | 0.141         | 0.106 | 2.00                | 2.50  | 25 x 30    |
| 3900                                                                                                                      | SLP392M050A7P3  | 0.119         | 0.089 | 2.23                | 2.79  | 22 x 40    |
| 3900                                                                                                                      | SLP392M050C3P3  | 0.119         | 0.089 | 2.20                | 2.75  | 25 x 30    |
| 3900                                                                                                                      | SLP392M050E1P3  | 0.119         | 0.089 | 2.20                | 2.75  | 30 x 25    |
| 4700                                                                                                                      | SLP472M050A4P3  | 0.099         | 0.074 | 2.50                | 3.13  | 22 x 45    |
| 4700                                                                                                                      | SLP472M050C5P3  | 0.099         | 0.074 | 2.43                | 3.04  | 25 x 35    |
| 4700                                                                                                                      | SLP472M050E3P3  | 0.099         | 0.074 | 2.50                | 3.13  | 30 x 30    |
| 5600                                                                                                                      | SLP562M050A9P3  | 0.083         | 0.062 | 2.80                | 3.50  | 22 x 50    |
| 5600                                                                                                                      | SLP562M050C7P3  | 0.083         | 0.062 | 2.80                | 3.50  | 25 x 40    |
| 5600                                                                                                                      | SLP562M050E3P3  | 0.083         | 0.062 | 2.76                | 3.45  | 30 x 30    |
| 6800                                                                                                                      | SLP682M050C4P3  | 0.068         | 0.051 | 3.30                | 4.13  | 25 x 45    |
| 6800                                                                                                                      | SLP682M050E5P3  | 0.068         | 0.051 | 3.30                | 4.13  | 30 x 35    |
| 6800                                                                                                                      | SLP682M050H3P3  | 0.068         | 0.051 | 3.30                | 4.13  | 35 x 30    |
| 8200                                                                                                                      | SLP822M050E7P3  | 0.057         | 0.043 | 3.71                | 4.64  | 30 x 40    |
| 8200                                                                                                                      | SLP822M050H5P3  | 0.057         | 0.043 | 3.85                | 4.81  | 35 x 35    |
| 10000                                                                                                                     | SLP103M050E9P3  | 0.046         | 0.035 | 4.51                | 5.64  | 30 x 50    |
| 10000                                                                                                                     | SLP103M050H7P3  | 0.046         | 0.035 | 4.49                | 5.61  | 35 x 40    |
| 12000                                                                                                                     | SLP123M050H4P3  | 0.039         | 0.029 | 4.56                | 5.70  | 35 x 45    |
| 15000                                                                                                                     | SLP153M050H9P3  | 0.031         | 0.023 | 4.80                | 6.00  | 35 x 50    |
| 63 Vdc (79 Vdc Surge)                                                                                                     |                 |               |       |                     |       |            |
| 1200                                                                                                                      | SLP122M063A1P3  | 0.332         | 0.249 | 1.40                | 1.75  | 22 x 25    |
| 1500                                                                                                                      | SLP152M063A3P3  | 0.265         | 0.199 | 1.50                | 1.88  | 22 x 30    |
| 1800                                                                                                                      | SLP182M063A3P3  | 0.221         | 0.166 | 1.70                | 2.13  | 22 x 30    |
| 1800                                                                                                                      | SLP182M063C1P3  | 0.221         | 0.166 | 1.70                | 2.13  | 25 x 25    |
| 2200                                                                                                                      | SLP222M063A5P3  | 0.181         | 0.136 | 2.00                | 2.50  | 22 x 35    |
| 2200                                                                                                                      | SLP222M063C3P3  | 0.181         | 0.136 | 2.00                | 2.50  | 25 x 30    |
| 2700                                                                                                                      | SLP272M063A7P3  | 0.147         | 0.110 | 2.20                | 2.75  | 22 x 40    |
| 2700                                                                                                                      | SLP272M063C5P3  | 0.147         | 0.110 | 2.20                | 2.75  | 25 x 35    |
| 2700                                                                                                                      | SLP272M063E1P3  | 0.147         | 0.110 | 2.20                | 2.75  | 30 x 25    |
| 3300                                                                                                                      | SLP332M063A4P3  | 0.121         | 0.091 | 2.60                | 3.25  | 22 x 45    |
| 3300                                                                                                                      | SLP332M063C5P3  | 0.121         | 0.091 | 2.39                | 2.99  | 25 x 35    |
| 3300                                                                                                                      | SLP332M063E3P3  | 0.121         | 0.091 | 2.50                | 3.13  | 30 x 30    |
| 3900                                                                                                                      | SLP392M063C7P3  | 0.102         | 0.077 | 2.57                | 3.21  | 25 x 40    |
| 3900                                                                                                                      | SLP392M063E5P3  | 0.102         | 0.077 | 2.70                | 3.38  | 30 x 35    |

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| Cap<br>(µF)                    | 3000 h @ 105 °C<br>Catalog<br>Part Number | Max 25 °C ESR<br>(Ω)<br>120 Hz 20kHz | Max 105 °C Ripple<br>(A <sub>rms</sub> )<br>120 Hz 20kHz | Nominal<br>Size (DxL)<br>(mm) |
|--------------------------------|-------------------------------------------|--------------------------------------|----------------------------------------------------------|-------------------------------|
| <b>63 Vdc (79 Vdc Surge)</b>   |                                           |                                      |                                                          |                               |
| 4700                           | SLP472M063C9P3                            | 0.085                                | 0.064                                                    | 3.00 3.75 25 x 50             |
| 4700                           | SLP472M063E7P3                            | 0.085                                | 0.064                                                    | 3.00 3.75 30 x 40             |
| 4700                           | SLP472M063H3P3                            | 0.085                                | 0.064                                                    | 3.00 3.75 35 x 30             |
| 5600                           | SLP562M063E7P3                            | 0.071                                | 0.053                                                    | 3.22 4.03 30 x 40             |
| 5600                           | SLP562M063H5P3                            | 0.071                                | 0.053                                                    | 3.30 4.13 35 x 35             |
| 6800                           | SLP682M063E9P3                            | 0.059                                | 0.044                                                    | 3.86 4.83 30 x 50             |
| 6800                           | SLP682M063H7P3                            | 0.059                                | 0.044                                                    | 3.84 4.80 35 x 40             |
| 8200                           | SLP822M063H4P3                            | 0.049                                | 0.037                                                    | 4.43 5.54 35 x 45             |
| 10000                          | SLP103M063H9P3                            | 0.040                                | 0.030                                                    | 5.11 6.39 35 x 50             |
| 10000                          | SLP103M063H4P3                            | 0.040                                | 0.030                                                    | 4.89 6.11 35 x 45             |
| <b>80 Vdc (100 Vdc Surge)</b>  |                                           |                                      |                                                          |                               |
| 1000                           | SLP102M080A1P3                            | 0.332                                | 0.249                                                    | 1.19 1.49 22 x 25             |
| 1200                           | SLP122M080A3P3                            | 0.276                                | 0.207                                                    | 1.50 1.88 22 x 30             |
| 1500                           | SLP152M080A3P3                            | 0.221                                | 0.166                                                    | 1.59 1.99 22 x 30             |
| 1500                           | SLP152M080C1P3                            | 0.221                                | 0.166                                                    | 1.59 1.99 25 x 25             |
| 1800                           | SLP182M080A5P3                            | 0.184                                | 0.138                                                    | 1.79 2.24 22 x 35             |
| 1800                           | SLP182M080C3P3                            | 0.184                                | 0.138                                                    | 1.71 2.14 25 x 30             |
| 2200                           | SLP222M080A7P3                            | 0.151                                | 0.113                                                    | 2.03 2.54 22 x 40             |
| 2200                           | SLP222M080C5P3                            | 0.151                                | 0.113                                                    | 2.10 2.63 25 x 35             |
| 2200                           | SLP222M080E1P3                            | 0.151                                | 0.113                                                    | 1.98 2.48 30 x 25             |
| 2700                           | SLP272M080A4P3                            | 0.123                                | 0.092                                                    | 2.39 2.99 22 x 45             |
| 2700                           | SLP272M080C7P3                            | 0.123                                | 0.092                                                    | 2.35 2.94 25 x 40             |
| 2700                           | SLP272M080E3P3                            | 0.123                                | 0.092                                                    | 2.35 2.94 30 x 30             |
| 3300                           | SLP332M080C4P3                            | 0.101                                | 0.076                                                    | 2.64 3.30 25 x 45             |
| 3300                           | SLP332M080E5P3                            | 0.101                                | 0.076                                                    | 2.61 3.26 30 x 35             |
| 3300                           | SLP332M080H3P3                            | 0.101                                | 0.076                                                    | 2.60 3.25 35 x 30             |
| 3900                           | SLP392M080C9P3                            | 0.085                                | 0.064                                                    | 2.92 3.65 25 x 50             |
| 3900                           | SLP392M080E7P3                            | 0.085                                | 0.064                                                    | 2.82 3.53 30 x 40             |
| 3900                           | SLP392M080H3P3                            | 0.085                                | 0.064                                                    | 2.97 3.71 35 x 30             |
| 4700                           | SLP472M080E4P3                            | 0.071                                | 0.053                                                    | 3.34 4.18 30 x 45             |
| 4700                           | SLP472M080H5P3                            | 0.071                                | 0.053                                                    | 3.38 4.23 35 x 35             |
| 5600                           | SLP562M080E9P3                            | 0.059                                | 0.044                                                    | 3.80 4.75 30 x 50             |
| 5600                           | SLP562M080H7P3                            | 0.059                                | 0.044                                                    | 3.80 4.75 35 x 40             |
| 6800                           | SLP682M080H4P3                            | 0.049                                | 0.037                                                    | 3.90 4.88 35 x 45             |
| 8200                           | SLP822M080H9P3                            | 0.040                                | 0.030                                                    | 4.20 5.25 35 x 50             |
| <b>100 Vdc (125 Vdc Surge)</b> |                                           |                                      |                                                          |                               |
| 680                            | SLP681M100A1P3                            | 0.390                                | 0.293                                                    | 1.09 1.36 22 x 25             |
| 820                            | SLP821M100A3P3                            | 0.324                                | 0.243                                                    | 1.40 1.75 22 x 30             |
| 1000                           | SLP102M100A3P3                            | 0.265                                | 0.199                                                    | 1.47 1.84 22 x 30             |
| 1000                           | SLP102M100C1P3                            | 0.265                                | 0.199                                                    | 1.45 1.81 25 x 25             |
| 1200                           | SLP122M100A5P3                            | 0.221                                | 0.166                                                    | 1.69 2.11 22 x 35             |
| 1200                           | SLP122M100C3P3                            | 0.221                                | 0.166                                                    | 1.68 2.10 25 x 30             |
| 1500                           | SLP152M100A7P3                            | 0.177                                | 0.133                                                    | 1.97 2.46 22 x 40             |

| Cap<br>(µF)                    | 3000 h @ 105 °C<br>Catalog<br>Part Number | Max 25 °C ESR<br>(Ω)<br>120 Hz 20kHz | Max 105 °C Ripple<br>(A <sub>rms</sub> )<br>120 Hz 20kHz | Nominal<br>Size (DxL)<br>(mm) |
|--------------------------------|-------------------------------------------|--------------------------------------|----------------------------------------------------------|-------------------------------|
| <b>100 Vdc (125 Vdc Surge)</b> |                                           |                                      |                                                          |                               |
| 1500                           | SLP152M100C5P3                            | 0.177                                | 0.133                                                    | 1.98 2.48 25 x 35             |
| 1500                           | SLP152M100E1P3                            | 0.177                                | 0.133                                                    | 1.95 2.44 30 x 25             |
| 1500                           | SLP152M100E3P3                            | 0.177                                | 0.133                                                    | 2.09 2.61 30 x 30             |
| 1800                           | SLP182M100A4P3                            | 0.147                                | 0.110                                                    | 2.23 2.79 22 x 45             |
| 1800                           | SLP182M100C7P3                            | 0.147                                | 0.110                                                    | 2.20 2.75 25 x 40             |
| 1800                           | SLP182M100E3P3                            | 0.147                                | 0.110                                                    | 2.20 2.75 30 x 30             |
| 2200                           | SLP222M100C4P3                            | 0.121                                | 0.091                                                    | 2.53 3.16 25 x 45             |
| 2200                           | SLP222M100E5P3                            | 0.121                                | 0.091                                                    | 2.55 3.19 30 x 35             |
| 2200                           | SLP222M100H3P3                            | 0.121                                | 0.091                                                    | 2.60 3.25 35 x 30             |
| 2700                           | SLP272M100C9P3                            | 0.098                                | 0.074                                                    | 2.82 3.53 25 x 50             |
| 2700                           | SLP272M100E7P3                            | 0.098                                | 0.074                                                    | 2.86 3.58 30 x 40             |
| 2700                           | SLP272M100H5P3                            | 0.098                                | 0.074                                                    | 2.90 3.63 35 x 35             |
| 3300                           | SLP332M100E4P3                            | 0.080                                | 0.060                                                    | 3.30 4.13 30 x 45             |
| 3300                           | SLP332M100H5P3                            | 0.080                                | 0.060                                                    | 3.25 4.06 35 x 35             |
| 3900                           | SLP392M100E9P3                            | 0.068                                | 0.051                                                    | 3.60 4.50 30 x 50             |
| 3900                           | SLP392M100H7P3                            | 0.068                                | 0.051                                                    | 3.67 4.59 35 x 40             |
| 4700                           | SLP472M100H4P3                            | 0.056                                | 0.042                                                    | 3.80 4.75 35 x 45             |
| 5600                           | SLP562M100H9P3                            | 0.047                                | 0.035                                                    | 4.05 5.06 35 x 50             |
| <b>160 Vdc (200Vdc Surge)</b>  |                                           |                                      |                                                          |                               |
| 330                            | SLP331M160A1P3                            | 0.603                                | 0.452                                                    | 1.20 1.76 22 x 25             |
| 390                            | SLP391M160A3P3                            | 0.510                                | 0.383                                                    | 1.30 1.91 22 x 30             |
| 470                            | SLP471M160A3P3                            | 0.423                                | 0.317                                                    | 1.55 2.28 22 x 30             |
| 470                            | SLP471M160C1P3                            | 0.423                                | 0.317                                                    | 1.55 2.28 25 x 25             |
| 560                            | SLP561M160A5P3                            | 0.355                                | 0.266                                                    | 1.67 2.45 22 x 35             |
| 560                            | SLP561M160C3P3                            | 0.355                                | 0.266                                                    | 1.67 2.45 25 x 30             |
| 680                            | SLP681M160A7P3                            | 0.293                                | 0.220                                                    | 1.82 2.68 22 x 40             |
| 680                            | SLP681M160C5P3                            | 0.293                                | 0.220                                                    | 1.85 2.72 25 x 35             |
| 680                            | SLP681M160E1P3                            | 0.293                                | 0.220                                                    | 1.82 2.68 30 x 25             |
| 820                            | SLP821M160A4P3                            | 0.243                                | 0.182                                                    | 2.04 3.00 22 x 45             |
| 820                            | SLP821M160C7P3                            | 0.243                                | 0.182                                                    | 2.04 3.00 25 x 40             |
| 820                            | SLP821M160E3P3                            | 0.243                                | 0.182                                                    | 2.04 3.00 30 x 30             |
| 1000                           | SLP102M160C4P3                            | 0.199                                | 0.149                                                    | 2.40 3.53 25 x 45             |
| 1000                           | SLP102M160E5P3                            | 0.199                                | 0.149                                                    | 2.25 3.31 30 x 35             |
| 1200                           | SLP122M160C9P3                            | 0.166                                | 0.125                                                    | 2.62 3.85 25 x 50             |
| 1200                           | SLP122M160E7P3                            | 0.166                                | 0.125                                                    | 2.49 3.66 30 x 40             |
| 1200                           | SLP122M160H3P3                            | 0.166                                | 0.125                                                    | 2.49 3.66 35 x 30             |
| 1500                           | SLP152M160E4P3                            | 0.133                                | 0.100                                                    | 2.84 4.17 30 x 45             |
| 1500                           | SLP152M160H5P3                            | 0.133                                | 0.100                                                    | 2.84 4.17 35 x 35             |
| 1800                           | SLP182M160E9P3                            | 0.111                                | 0.083                                                    | 3.32 4.88 30 x 50             |
| 1800                           | SLP182M160H7P3                            | 0.111                                | 0.083                                                    | 3.00 4.41 35 x 40             |
| 2200                           | SLP222M160H4P3                            | 0.090                                | 0.068                                                    | 3.50 5.15 35 x 45             |
| <b>180 Vdc (225Vdc Surge)</b>  |                                           |                                      |                                                          |                               |
| 270                            | SLP271M180A1P3                            | 0.737                                | 0.553                                                    | 1.00 1.47 22 x 25             |

# Type SLP 105 °C Snap-In Aluminum Electrolytic

## Best Value 105 °C Snap-In Type

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

| Cap<br>(µF)                    | 3000 h @ 105 °C<br>Catalog<br>Part Number | Max 25 °C ESR<br>(Ω)<br>120 Hz 20kHz | Max 105 °C Ripple<br>(A <sub>rms</sub> )<br>120 Hz 20kHz | Nominal<br>Size (DxL)<br>(mm) |
|--------------------------------|-------------------------------------------|--------------------------------------|----------------------------------------------------------|-------------------------------|
| <b>180 Vdc (225Vdc Surge)</b>  |                                           |                                      |                                                          |                               |
| 330                            | SLP331M180A3P3                            | 0.603                                | 0.452                                                    | 1.20 1.76 22 x 30             |
| 390                            | SLP391M180A3P3                            | 0.510                                | 0.383                                                    | 1.35 1.98 22 x 30             |
| 390                            | SLP391M180C1P3                            | 0.510                                | 0.383                                                    | 1.35 1.98 25 x 25             |
| 470                            | SLP471M180A5P3                            | 0.423                                | 0.317                                                    | 1.50 2.21 22 x 35             |
| 470                            | SLP471M180C3P3                            | 0.423                                | 0.317                                                    | 1.50 2.21 25 x 30             |
| 560                            | SLP561M180A7P3                            | 0.355                                | 0.266                                                    | 1.67 2.45 22 x 40             |
| 560                            | SLP561M180C3P3                            | 0.355                                | 0.266                                                    | 1.67 2.45 25 x 30             |
| 560                            | SLP561M180E1P3                            | 0.355                                | 0.266                                                    | 1.67 2.45 30 x 25             |
| 680                            | SLP681M180A4P3                            | 0.293                                | 0.220                                                    | 1.78 2.62 22 x 45             |
| 680                            | SLP681M180C5P3                            | 0.293                                | 0.220                                                    | 1.78 2.62 25 x 35             |
| 680                            | SLP681M180E3P3                            | 0.293                                | 0.220                                                    | 1.78 2.62 30 x 30             |
| 820                            | SLP821M180A9P3                            | 0.243                                | 0.182                                                    | 2.04 3.00 22 x 50             |
| 820                            | SLP821M180C7P3                            | 0.243                                | 0.182                                                    | 2.04 3.00 25 x 40             |
| 820                            | SLP821M180E3P3                            | 0.243                                | 0.182                                                    | 2.04 3.00 30 x 30             |
| 1000                           | SLP102M180C4P3                            | 0.199                                | 0.149                                                    | 2.30 3.38 25 x 45             |
| 1000                           | SLP102M180E5P3                            | 0.199                                | 0.149                                                    | 2.30 3.38 30 x 35             |
| 1000                           | SLP102M180H3P3                            | 0.199                                | 0.149                                                    | 2.30 3.38 35 x 30             |
| 1200                           | SLP122M180E7P3                            | 0.166                                | 0.125                                                    | 2.55 3.75 30 x 40             |
| 1200                           | SLP122M180H5P3                            | 0.166                                | 0.125                                                    | 2.55 3.75 35 x 35             |
| 1500                           | SLP152M180E4P3                            | 0.133                                | 0.100                                                    | 2.90 4.26 30 x 45             |
| 1500                           | SLP152M180H7P3                            | 0.133                                | 0.100                                                    | 2.90 4.26 35 x 40             |
| 1800                           | SLP182M180H4P3                            | 0.111                                | 0.083                                                    | 3.30 4.85 35 x 45             |
| 2200                           | SLP222M180H9P3                            | 0.090                                | 0.068                                                    | 3.65 5.37 35 x 50             |
| <b>200 Vdc (250 Vdc Surge)</b> |                                           |                                      |                                                          |                               |
| 220                            | SLP221M200A1P3                            | 0.905                                | 0.679                                                    | 0.99 1.46 22 x 25             |
| 220                            | SLP221M200A3P3                            | 0.905                                | 0.679                                                    | 1.07 1.57 22 x 30             |
| 270                            | SLP271M200A1P3                            | 0.737                                | 0.553                                                    | 1.10 1.62 22 x 25             |
| 330                            | SLP331M200A3P3                            | 0.603                                | 0.452                                                    | 1.25 1.84 22 x 30             |
| 330                            | SLP331M200C1P3                            | 0.603                                | 0.452                                                    | 1.25 1.84 25 x 25             |
| 330                            | SLP331M200C3P3                            | 0.603                                | 0.452                                                    | 1.35 1.98 25 x 30             |
| 390                            | SLP391M200A5P3                            | 0.510                                | 0.383                                                    | 1.35 1.98 22 x 35             |
| 390                            | SLP391M200C3P3                            | 0.510                                | 0.383                                                    | 1.35 1.98 25 x 30             |
| 470                            | SLP471M200A7P3                            | 0.423                                | 0.317                                                    | 1.50 2.21 22 x 40             |
| 470                            | SLP471M200C3P3                            | 0.423                                | 0.317                                                    | 1.50 2.21 25 x 30             |
| 470                            | SLP471M200C5P3                            | 0.423                                | 0.317                                                    | 1.60 2.35 25 x 35             |
| 470                            | SLP471M200E1P3                            | 0.423                                | 0.317                                                    | 1.50 2.21 30 x 25             |
| 560                            | SLP561M200A4P3                            | 0.355                                | 0.266                                                    | 1.67 2.45 22 x 45             |
| 560                            | SLP561M200C5P3                            | 0.355                                | 0.266                                                    | 1.70 2.50 25 x 35             |
| 560                            | SLP561M200E1P3                            | 0.355                                | 0.266                                                    | 1.67 2.45 30 x 25             |
| 680                            | SLP681M200A9P3                            | 0.293                                | 0.220                                                    | 1.78 2.62 22 x 50             |
| 680                            | SLP681M200C5P3                            | 0.293                                | 0.220                                                    | 1.72 2.53 25 x 35             |
| 680                            | SLP681M200C7P3                            | 0.293                                | 0.220                                                    | 1.82 2.68 25 x 40             |
| 680                            | SLP681M200E3P3                            | 0.293                                | 0.220                                                    | 1.78 2.62 30 x 30             |

| Cap<br>(µF)                    | 3000 h @ 105 °C<br>Catalog<br>Part Number | Max 25 °C ESR<br>(Ω)<br>120 Hz 20kHz | Max 105 °C Ripple<br>(A <sub>rms</sub> )<br>120 Hz 20kHz | Nominal<br>Size (DxL)<br>(mm) |
|--------------------------------|-------------------------------------------|--------------------------------------|----------------------------------------------------------|-------------------------------|
| <b>200 Vdc (250 Vdc Surge)</b> |                                           |                                      |                                                          |                               |
| 820                            | SLP821M200C4P3                            | 0.243                                | 0.182                                                    | 2.10 3.09 25 x 45             |
| 820                            | SLP821M200E5P3                            | 0.243                                | 0.182                                                    | 2.04 3.00 30 x 35             |
| 820                            | SLP821M200H3P3                            | 0.243                                | 0.182                                                    | 2.04 3.00 35 x 30             |
| 1000                           | SLP102M200C9P3                            | 0.199                                | 0.149                                                    | 2.42 3.56 25 x 50             |
| 1000                           | SLP102M200E7P3                            | 0.199                                | 0.149                                                    | 2.30 3.38 30 x 40             |
| 1000                           | SLP102M200H5P3                            | 0.199                                | 0.149                                                    | 2.30 3.38 35 x 35             |
| 1200                           | SLP122M200E4P3                            | 0.166                                | 0.125                                                    | 2.65 3.90 30 x 45             |
| 1200                           | SLP122M200H5P3                            | 0.166                                | 0.125                                                    | 2.65 3.90 35 x 35             |
| 1200                           | SLP122M200H3P3                            | 0.166                                | 0.125                                                    | 2.49 3.66 35 x 30             |
| 1500                           | SLP152M200H7P3                            | 0.133                                | 0.100                                                    | 3.08 4.53 35 x 40             |
| 1800                           | SLP182M200H4P3                            | 0.111                                | 0.083                                                    | 3.48 5.12 35 x 45             |
| 1800                           | SLP182M200H7P3                            | 0.111                                | 0.083                                                    | 3.31 4.87 35 x 40             |
| <b>220 Vdc (270 Vdc Surge)</b> |                                           |                                      |                                                          |                               |
| 220                            | SLP221M220A1P3                            | 0.905                                | 0.679                                                    | 1.00 1.47 22 x 25             |
| 270                            | SLP271M220A3P3                            | 0.737                                | 0.553                                                    | 1.15 1.69 22 x 30             |
| 330                            | SLP331M220A5P3                            | 0.603                                | 0.452                                                    | 1.25 1.84 22 x 35             |
| 330                            | SLP331M220C1P3                            | 0.603                                | 0.452                                                    | 1.25 1.84 25 x 25             |
| 390                            | SLP391M220A5P3                            | 0.510                                | 0.383                                                    | 1.40 2.06 22 x 35             |
| 390                            | SLP391M220C3P3                            | 0.510                                | 0.383                                                    | 1.40 2.06 25 x 30             |
| 470                            | SLP471M220A7P3                            | 0.423                                | 0.317                                                    | 1.51 2.22 22 x 40             |
| 470                            | SLP471M220C3P3                            | 0.423                                | 0.317                                                    | 1.44 2.12 25 x 30             |
| 470                            | SLP471M220E1P3                            | 0.423                                | 0.317                                                    | 1.50 2.21 30 x 25             |
| 560                            | SLP561M220A4P3                            | 0.355                                | 0.266                                                    | 1.70 2.50 22 x 45             |
| 560                            | SLP561M220C5P3                            | 0.355                                | 0.266                                                    | 1.64 2.41 25 x 35             |
| 560                            | SLP561M220E3P3                            | 0.355                                | 0.266                                                    | 1.70 2.50 30 x 30             |
| 560                            | SLP561M220H1P3                            | 0.355                                | 0.266                                                    | 1.71 2.51 35 x 25             |
| 680                            | SLP681M220C7P3                            | 0.293                                | 0.220                                                    | 1.84 2.70 25 x 40             |
| 680                            | SLP681M220E5P3                            | 0.293                                | 0.220                                                    | 1.93 2.84 30 x 35             |
| 680                            | SLP681M220H3P3                            | 0.293                                | 0.220                                                    | 1.89 2.78 35 x 30             |
| 820                            | SLP821M220C4P3                            | 0.243                                | 0.182                                                    | 2.08 3.06 25 x 45             |
| 820                            | SLP821M220E7P3                            | 0.243                                | 0.182                                                    | 2.19 3.22 30 x 40             |
| 820                            | SLP821M220H3P3                            | 0.243                                | 0.182                                                    | 2.16 3.18 35 x 30             |
| 1000                           | SLP102M220E4P3                            | 0.199                                | 0.149                                                    | 2.50 3.68 30 x 45             |
| 1000                           | SLP102M220H5P3                            | 0.199                                | 0.149                                                    | 2.44 3.59 35 x 35             |
| 1200                           | SLP122M220H7P3                            | 0.166                                | 0.125                                                    | 2.79 4.10 35 x 40             |
| 1500                           | SLP152M220H4P3                            | 0.133                                | 0.100                                                    | 3.22 4.73 35 x 45             |
| <b>250 Vdc (300 Vdc Surge)</b> |                                           |                                      |                                                          |                               |
| 180                            | SLP181M250A1P3                            | 1.106                                | 0.830                                                    | 0.88 1.29 22 x 25             |
| 180                            | SLP181M250C1P3                            | 1.106                                | 0.830                                                    | 0.95 1.40 25 x 25             |
| 220                            | SLP221M250A3P3                            | 0.905                                | 0.679                                                    | 1.00 1.47 22 x 30             |
| 220                            | SLP221M250C1P3                            | 0.905                                | 0.679                                                    | 1.08 1.59 25 x 25             |
| 270                            | SLP271M250A5P3                            | 0.737                                | 0.553                                                    | 1.18 1.73 22 x 35             |
| 270                            | SLP271M250C3P3                            | 0.737                                | 0.553                                                    | 1.27 1.87 25 x 30             |

# Type SLP 105 °C Snap-In Aluminum Electrolytic

## Best Value 105 °C Snap-In Type

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

| Cap<br>(µF)                    | 3000 h @ 105 °C<br>Catalog<br>Part Number | Max 25 °C ESR<br>(Ω)<br>120 Hz 20kHz | Max 105 °C Ripple<br>(A <sub>rms</sub> )<br>120 Hz 20kHz | Nominal<br>Size (DxL)<br>(mm) |
|--------------------------------|-------------------------------------------|--------------------------------------|----------------------------------------------------------|-------------------------------|
| <b>250 Vdc (300 Vdc Surge)</b> |                                           |                                      |                                                          |                               |
| 330                            | SLP331M250A7P3                            | 0.603                                | 0.452                                                    | 1.30 1.91 22 x 40             |
| 330                            | SLP331M250C3P3                            | 0.603                                | 0.452                                                    | 1.30 1.91 25 x 30             |
| 330                            | SLP331M250E1P3                            | 0.603                                | 0.452                                                    | 1.35 1.98 30 x 25             |
| 330                            | SLP331M250A3P3                            | 0.603                                | 0.452                                                    | 1.15 1.69 22 x 30             |
| 390                            | SLP391M250A4P3                            | 0.510                                | 0.383                                                    | 1.49 2.19 22 x 45             |
| 390                            | SLP391M250C5P3                            | 0.510                                | 0.383                                                    | 1.49 2.19 25 x 35             |
| 390                            | SLP391M250E3P3                            | 0.510                                | 0.383                                                    | 1.49 2.19 30 x 30             |
| 470                            | SLP471M250A9P3                            | 0.423                                | 0.317                                                    | 1.65 2.43 22 x 50             |
| 470                            | SLP471M250C7P3                            | 0.423                                | 0.317                                                    | 1.65 2.43 25 x 40             |
| 470                            | SLP471M250E3P3                            | 0.423                                | 0.317                                                    | 1.65 2.43 30 x 30             |
| 560                            | SLP561M250C4P3                            | 0.355                                | 0.266                                                    | 1.80 2.65 25 x 45             |
| 560                            | SLP561M250E5P3                            | 0.355                                | 0.266                                                    | 1.80 2.65 30 x 35             |
| 680                            | SLP681M250C9P3                            | 0.293                                | 0.220                                                    | 2.03 2.98 25 x 50             |
| 680                            | SLP681M250E7P3                            | 0.293                                | 0.220                                                    | 2.00 2.94 30 x 40             |
| 680                            | SLP681M250H3P3                            | 0.293                                | 0.220                                                    | 2.00 2.94 35 x 30             |
| 820                            | SLP821M250E4P3                            | 0.243                                | 0.182                                                    | 2.30 3.38 30 x 45             |
| 820                            | SLP821M250H5P3                            | 0.243                                | 0.182                                                    | 2.30 3.38 35 x 35             |
| 1000                           | SLP102M250E9P3                            | 0.199                                | 0.149                                                    | 2.70 3.97 30 x 50             |
| 1000                           | SLP102M250H7P3                            | 0.199                                | 0.149                                                    | 2.69 3.95 35 x 40             |
| 1200                           | SLP122M250H4P3                            | 0.166                                | 0.125                                                    | 3.09 4.54 35 x 45             |
| 1500                           | SLP152M250H9P3                            | 0.133                                | 0.100                                                    | 3.61 5.31 35 x 50             |
| <b>315 Vdc (365 Vdc Surge)</b> |                                           |                                      |                                                          |                               |
| 120                            | SLP121M315A1P3                            | 2.765                                | 2.074                                                    | 0.75 1.10 22 x 25             |
| 150                            | SLP151M315A3P3                            | 2.212                                | 1.659                                                    | 0.82 1.21 22 x 30             |
| 150                            | SLP151M315C1P3                            | 2.212                                | 1.659                                                    | 0.82 1.21 25 x 25             |
| 180                            | SLP181M315A5P3                            | 1.843                                | 1.382                                                    | 0.92 1.35 22 x 35             |
| 180                            | SLP181M315C3P3                            | 1.843                                | 1.382                                                    | 0.93 1.37 25 x 30             |
| 220                            | SLP221M315A7P3                            | 1.508                                | 1.131                                                    | 1.04 1.53 22 x 40             |
| 220                            | SLP221M315C3P3                            | 1.508                                | 1.131                                                    | 1.04 1.53 25 x 30             |
| 220                            | SLP221M315E1P3                            | 1.508                                | 1.131                                                    | 1.04 1.53 30 x 25             |
| 270                            | SLP271M315A4P3                            | 1.229                                | 0.922                                                    | 1.16 1.71 22 x 45             |
| 270                            | SLP271M315C5P3                            | 1.229                                | 0.922                                                    | 1.16 1.71 25 x 35             |
| 270                            | SLP271M315E1P3                            | 1.229                                | 0.922                                                    | 1.16 1.71 30 x 25             |
| 330                            | SLP331M315A9P3                            | 1.005                                | 0.754                                                    | 1.33 1.96 22 x 50             |
| 330                            | SLP331M315C7P3                            | 1.005                                | 0.754                                                    | 1.33 1.96 25 x 40             |
| 330                            | SLP331M315E3P3                            | 1.005                                | 0.754                                                    | 1.33 1.96 30 x 30             |
| 390                            | SLP391M315C4P3                            | 0.851                                | 0.638                                                    | 1.47 2.16 25 x 45             |
| 390                            | SLP391M315E5P3                            | 0.851                                | 0.638                                                    | 1.47 2.16 30 x 35             |
| 390                            | SLP391M315H3P3                            | 0.851                                | 0.638                                                    | 1.47 2.16 35 x 30             |
| 470                            | SLP471M315E7P3                            | 0.706                                | 0.530                                                    | 1.70 2.50 30 x 40             |
| 470                            | SLP471M315H3P3                            | 0.706                                | 0.530                                                    | 1.70 2.50 35 x 30             |
| 560                            | SLP561M315E4P3                            | 0.592                                | 0.444                                                    | 2.05 3.01 30 x 45             |
| 560                            | SLP561M315H5P3                            | 0.592                                | 0.444                                                    | 2.05 3.01 35 x 35             |
| 680                            | SLP681M315H7P3                            | 0.488                                | 0.366                                                    | 2.17 3.19 35 x 40             |

| Cap<br>(µF)                    | 3000 h @ 105 °C<br>Catalog<br>Part Number | Max 25 °C ESR<br>(Ω)<br>120 Hz 20kHz | Max 105 °C Ripple<br>(A <sub>rms</sub> )<br>120 Hz 20kHz | Nominal<br>Size (DxL)<br>(mm) |
|--------------------------------|-------------------------------------------|--------------------------------------|----------------------------------------------------------|-------------------------------|
| 820                            | SLP821M315H4P3                            | 0.405                                | 0.304                                                    | 2.20 3.23 35 x 45             |
| <b>350 Vdc (400 Vdc Surge)</b> |                                           |                                      |                                                          |                               |
| 100                            | SLP101M350A1P3                            | 3.317                                | 2.488                                                    | 0.69 1.01 22 x 25             |
| 120                            | SLP121M350A3P3                            | 2.765                                | 2.074                                                    | 0.75 1.10 22 x 30             |
| 120                            | SLP121M350C1P3                            | 2.765                                | 2.074                                                    | 0.75 1.10 25 x 25             |
| 150                            | SLP151M350A5P3                            | 2.212                                | 1.659                                                    | 0.82 1.21 22 x 35             |
| 150                            | SLP151M350C3P3                            | 2.212                                | 1.659                                                    | 0.83 1.22 25 x 30             |
| 180                            | SLP181M350A7P3                            | 1.843                                | 1.382                                                    | 0.92 1.35 22 x 40             |
| 180                            | SLP181M350C3P3                            | 1.843                                | 1.382                                                    | 0.92 1.35 25 x 30             |
| 180                            | SLP181M350E1P3                            | 1.843                                | 1.382                                                    | 0.90 1.32 30 x 25             |
| 220                            | SLP221M350A4P3                            | 1.508                                | 1.131                                                    | 1.05 1.54 22 x 45             |
| 220                            | SLP221M350C5P3                            | 1.508                                | 1.131                                                    | 1.04 1.53 25 x 35             |
| 220                            | SLP221M350E3P3                            | 1.508                                | 1.131                                                    | 1.02 1.50 30 x 30             |
| 270                            | SLP271M350A9P3                            | 1.229                                | 0.922                                                    | 1.16 1.71 22 x 50             |
| 270                            | SLP271M350C7P3                            | 1.229                                | 0.922                                                    | 1.18 1.73 25 x 40             |
| 270                            | SLP271M350E3P3                            | 1.229                                | 0.922                                                    | 1.17 1.72 30 x 30             |
| 330                            | SLP331M350C4P3                            | 1.005                                | 0.754                                                    | 1.29 1.90 25 x 45             |
| 330                            | SLP331M350E5P3                            | 1.005                                | 0.754                                                    | 1.34 1.97 30 x 35             |
| 330                            | SLP331M350H3P3                            | 1.005                                | 0.754                                                    | 1.22 1.79 35 x 30             |
| 390                            | SLP391M350C9P3                            | 0.851                                | 0.638                                                    | 1.51 2.22 25 x 50             |
| 390                            | SLP391M350E7P3                            | 0.851                                | 0.638                                                    | 1.51 2.22 30 x 40             |
| 390                            | SLP391M350H5P3                            | 0.851                                | 0.638                                                    | 1.47 2.16 35 x 35             |
| 470                            | SLP471M350E4P3                            | 0.706                                | 0.530                                                    | 1.65 2.43 30 x 45             |
| 470                            | SLP471M350H5P3                            | 0.706                                | 0.530                                                    | 1.69 2.48 35 x 35             |
| 560                            | SLP561M350E9P3                            | 0.592                                | 0.444                                                    | 1.85 2.72 30 x 50             |
| 560                            | SLP561M350H7P3                            | 0.592                                | 0.444                                                    | 1.90 2.79 35 x 40             |
| 680                            | SLP681M350H4P3                            | 0.488                                | 0.366                                                    | 2.20 3.23 35 x 45             |
| <b>385 Vdc (435 Vdc Surge)</b> |                                           |                                      |                                                          |                               |
| 68                             | SLP680M385A1P3                            | 4.879                                | 3.659                                                    | 0.45 0.66 22 x 25             |
| 82                             | SLP820M385A3P3                            | 4.046                                | 3.035                                                    | 0.52 0.76 22 x 30             |
| 100                            | SLP101M385A3P3                            | 3.317                                | 2.488                                                    | 0.58 0.85 22 x 30             |
| 120                            | SLP121M385A5P3                            | 2.765                                | 2.074                                                    | 0.68 1.00 22 x 35             |
| 150                            | SLP151M385A7P3                            | 2.212                                | 1.659                                                    | 0.79 1.16 22 x 40             |
| 150                            | SLP151M385E1P3                            | 2.212                                | 1.659                                                    | 0.75 1.10 30 x 25             |
| 180                            | SLP181M385A4P3                            | 1.843                                | 1.382                                                    | 0.94 1.38 25 x 45             |
| 180                            | SLP181M385E3P3                            | 1.843                                | 1.382                                                    | 0.88 1.29 30 x 30             |
| 220                            | SLP221M385E3P3                            | 1.508                                | 1.131                                                    | 1.00 1.47 30 x 30             |
| 270                            | SLP271M385E7P3                            | 1.229                                | 0.922                                                    | 1.14 1.68 30 x 40             |
| 270                            | SLP271M385H3P3                            | 1.229                                | 0.922                                                    | 1.10 1.62 35 x 30             |
| 330                            | SLP331M385E4P3                            | 1.005                                | 0.754                                                    | 1.31 1.93 30 x 45             |
| 330                            | SLP331M385H5P3                            | 1.005                                | 0.754                                                    | 1.32 1.94 35 x 35             |
| 390                            | SLP391M385E9P3                            | 0.851                                | 0.638                                                    | 1.48 2.18 30 x 50             |
| 390                            | SLP391M385H7P3                            | 0.851                                | 0.638                                                    | 1.48 2.18 35 x 40             |
| 470                            | SLP471M385H4P3                            | 0.706                                | 0.530                                                    | 1.76 2.59 35 x 45             |
| 560                            | SLP561M385H9P3                            | 0.592                                | 0.444                                                    | 1.95 2.87 35 x 50             |



# Type SLP 105 °C Snap-In Aluminum Electrolytic

## Best Value 105 °C Snap-In Type

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

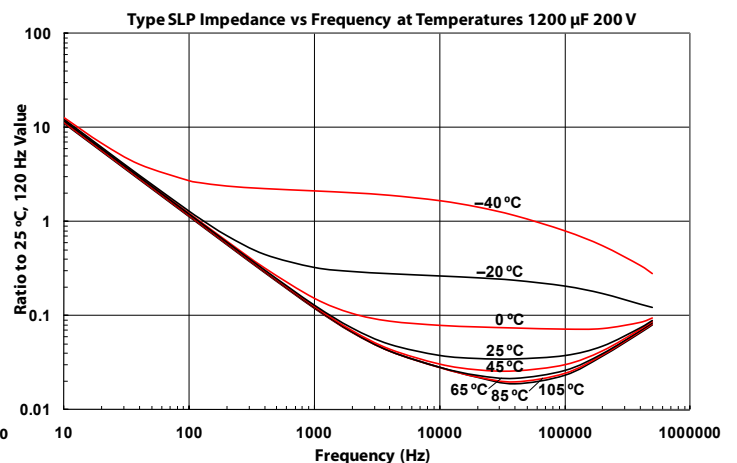
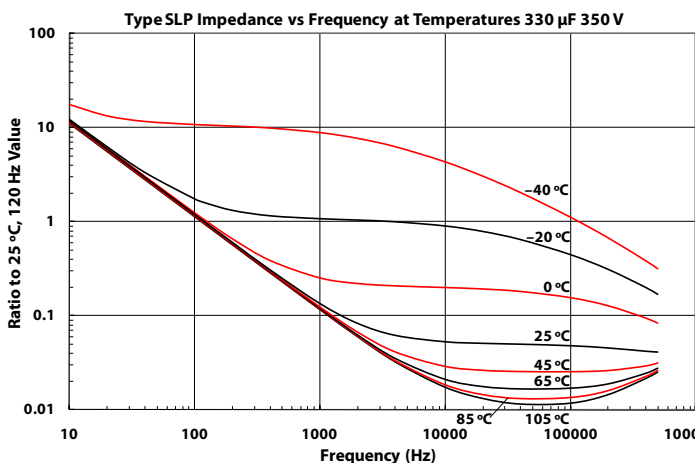
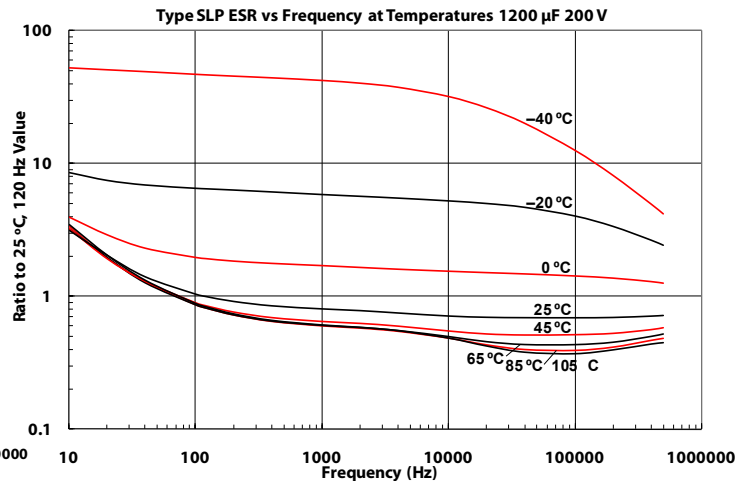
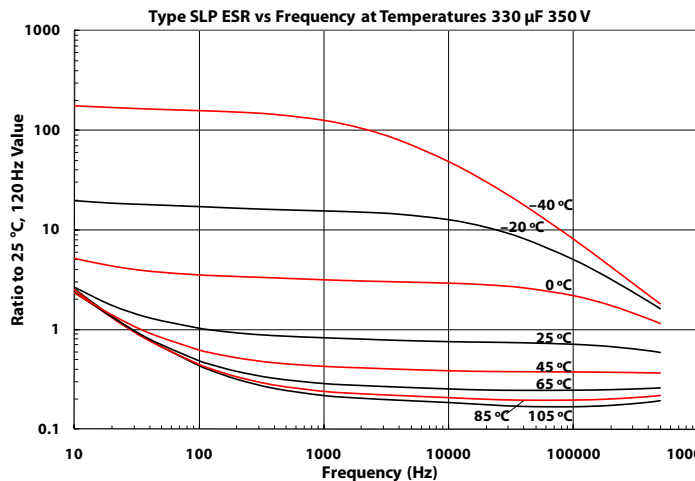
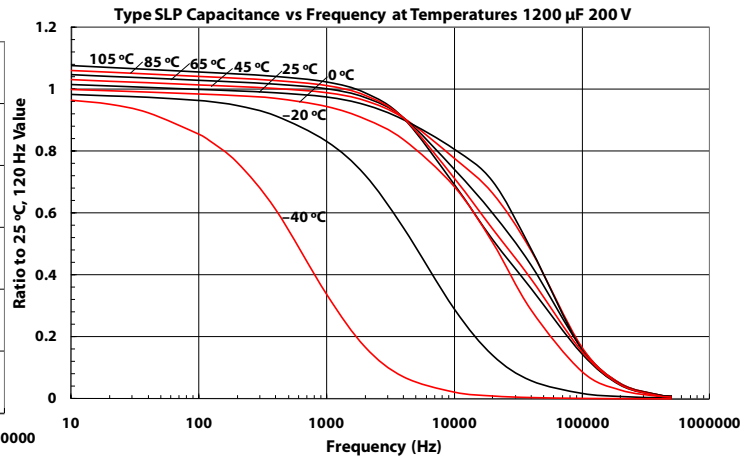
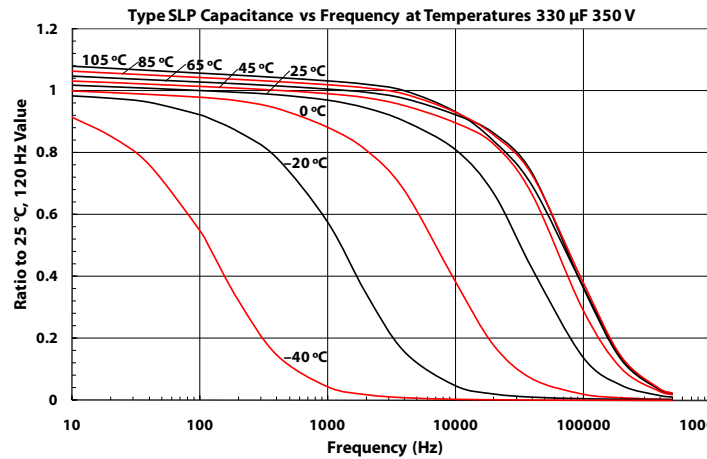
| Cap                     | 3000 h @ 105 °C | Max 25 °C ESR |       | Max 105 °C Ripple   |       | Nominal    |
|-------------------------|-----------------|---------------|-------|---------------------|-------|------------|
| (µF)                    | Catalog         | (Ω)           |       | (A <sub>rms</sub> ) |       | Size (DxL) |
|                         | Part Number     | 120 Hz        | 20kHz | 120 Hz              | 20kHz | (mm)       |
| 400 Vdc (450 Vdc Surge) |                 |               |       |                     |       |            |
| 47                      | SLP470M400A1P3  | 7.058         | 5.294 | 0.42                | 0.62  | 22 x 25    |
| 68                      | SLP680M400A1P3  | 4.879         | 3.659 | 0.50                | 0.74  | 22 x 25    |
| 82                      | SLP820M400A1P3  | 4.046         | 3.035 | 0.64                | 0.94  | 22 x 25    |
| 100                     | SLP101M400A3P3  | 3.317         | 2.488 | 0.70                | 1.03  | 22 x 30    |
| 100                     | SLP101M400C1P3  | 3.317         | 2.488 | 0.70                | 1.03  | 25 x 25    |
| 120                     | SLP121M400A5P3  | 2.765         | 2.074 | 0.75                | 1.10  | 22 x 35    |
| 120                     | SLP121M400C3P3  | 2.765         | 2.074 | 0.75                | 1.10  | 25 x 30    |
| 150                     | SLP151M400A7P3  | 2.212         | 1.659 | 0.88                | 1.29  | 22 x 40    |
| 150                     | SLP151M400C5P3  | 2.212         | 1.659 | 0.89                | 1.31  | 25 x 35    |
| 150                     | SLP151M400E1P3  | 2.212         | 1.659 | 0.88                | 1.29  | 30 x 25    |
| 150                     | SLP151M400C3P3  | 2.212         | 1.659 | 0.83                | 1.22  | 25 x 30    |
| 180                     | SLP181M400A4P3  | 1.843         | 1.382 | 0.98                | 1.44  | 22 x 45    |
| 180                     | SLP181M400E3P3  | 1.843         | 1.382 | 0.98                | 1.44  | 30 x 30    |
| 220                     | SLP221M400A9P3  | 1.508         | 1.131 | 1.10                | 1.62  | 22 x 50    |
| 220                     | SLP221M400C5P3  | 1.508         | 1.131 | 1.04                | 1.53  | 25 x 35    |
| 220                     | SLP221M400C7P3  | 1.508         | 1.131 | 1.10                | 1.62  | 25 x 40    |
| 220                     | SLP221M400E3P3  | 1.508         | 1.131 | 1.10                | 1.62  | 30 x 30    |
| 220                     | SLP221M400E5P3  | 1.508         | 1.131 | 1.28                | 1.88  | 35 x 35    |
| 270                     | SLP271M400C9P3  | 1.229         | 0.922 | 1.29                | 1.90  | 25 x 50    |
| 270                     | SLP271M400E5P3  | 1.229         | 0.922 | 1.22                | 1.79  | 30 x 35    |
| 270                     | SLP271M400H3P3  | 1.229         | 0.922 | 1.22                | 1.79  | 35 x 30    |
| 330                     | SLP331M400E4P3  | 1.005         | 0.754 | 1.55                | 2.28  | 30 x 45    |
| 330                     | SLP331M400H3P3  | 1.005         | 0.754 | 1.44                | 2.12  | 35 x 30    |
| 330                     | SLP331M400E5P3  | 1.005         | 0.754 | 1.39                | 2.04  | 30 x 35    |
| 390                     | SLP391M400E4P3  | 0.851         | 0.638 | 1.60                | 2.35  | 30 x 45    |
| 390                     | SLP391M400H5P3  | 0.851         | 0.638 | 1.60                | 2.35  | 35 x 35    |
| 470                     | SLP471M400H7P3  | 0.706         | 0.530 | 1.90                | 2.79  | 35 x 40    |
| 560                     | SLP561M400H4P3  | 0.592         | 0.444 | 2.12                | 3.12  | 35 x 45    |
| 680                     | SLP681M400H4P3  | 0.488         | 0.366 | 2.34                | 3.44  | 35 x 45    |
| 420 Vdc (470 Vdc Surge) |                 |               |       |                     |       |            |
| 68                      | SLP680M420A1P3  | 4.879         | 3.659 | 0.55                | 0.81  | 22 x 25    |
| 82                      | SLP820M420A1P3  | 4.046         | 3.035 | 0.64                | 0.94  | 22 x 25    |
| 82                      | SLP820M420C1P3  | 4.046         | 3.035 | 0.58                | 0.85  | 25 x 25    |
| 100                     | SLP101M420A3P3  | 3.317         | 2.488 | 0.70                | 1.03  | 22 x 30    |
| 100                     | SLP101M420C1P3  | 3.317         | 2.488 | 0.70                | 1.03  | 25 x 25    |
| 120                     | SLP121M420A5P3  | 2.765         | 2.074 | 0.75                | 1.10  | 22 x 35    |
| 120                     | SLP121M420C3P3  | 2.765         | 2.074 | 0.75                | 1.10  | 25 x 30    |
| 120                     | SLP121M420E1P3  | 2.765         | 2.074 | 0.78                | 1.15  | 30 x 25    |
| 150                     | SLP151M420A7P3  | 2.212         | 1.659 | 0.88                | 1.29  | 22 x 40    |
| 150                     | SLP151M420C5P3  | 2.212         | 1.659 | 0.88                | 1.29  | 25 x 35    |
| 150                     | SLP151M420E1P3  | 2.212         | 1.659 | 0.88                | 1.29  | 30 x 25    |
| 180                     | SLP181M420A4P3  | 1.843         | 1.382 | 0.95                | 1.40  | 22 x 45    |
| 180                     | SLP181M420C7P3  | 1.843         | 1.382 | 0.97                | 1.43  | 25 x 40    |
| 180                     | SLP181M420E3P3  | 1.843         | 1.382 | 0.96                | 1.41  | 30 x 30    |
| 180                     | SLP181M420H1P3  | 1.843         | 1.382 | 0.94                | 1.38  | 35 x 25    |

| Cap                     | 3000 h @ 105 °C | Max 25 °C ESR |       | Max 105 °C Ripple   |       | Nominal    |
|-------------------------|-----------------|---------------|-------|---------------------|-------|------------|
| (µF)                    | Catalog         | (Ω)           |       | (A <sub>rms</sub> ) |       | Size (DxL) |
|                         | Part Number     | 120 Hz        | 20kHz | 120 Hz              | 20kHz | (mm)       |
| 420 Vdc (470 Vdc Surge) |                 |               |       |                     |       |            |
| 220                     | SLP221M420C4P3  | 1.508         | 1.131 | 1.13                | 1.66  | 25 x 45    |
| 220                     | SLP221M420E5P3  | 1.508         | 1.131 | 1.10                | 1.62  | 30 x 35    |
| 220                     | SLP221M420H1P3  | 1.508         | 1.131 | 1.10                | 1.62  | 35 x 25    |
| 270                     | SLP271M420C9P3  | 1.229         | 0.922 | 1.37                | 2.01  | 25 x 50    |
| 270                     | SLP271M420E7P3  | 1.229         | 0.922 | 1.25                | 1.84  | 30 x 40    |
| 270                     | SLP271M420H3P3  | 1.229         | 0.922 | 1.22                | 1.79  | 35 x 30    |
| 330                     | SLP331M420E4P3  | 1.005         | 0.754 | 1.49                | 2.19  | 30 x 45    |
| 330                     | SLP331M420H5P3  | 1.005         | 0.754 | 1.45                | 2.13  | 35 x 35    |
| 390                     | SLP391M420E9P3  | 0.851         | 0.638 | 1.67                | 2.45  | 30 x 50    |
| 390                     | SLP391M420H7P3  | 0.851         | 0.638 | 1.66                | 2.44  | 35 x 40    |
| 470                     | SLP471M420H4P3  | 0.706         | 0.530 | 1.90                | 2.79  | 35 x 45    |
| 450 Vdc (500 Vdc Surge) |                 |               |       |                     |       |            |
| 47                      | SLP470M450A1P3  | 7.060         | 5.295 | 0.40                | 0.59  | 22 x 25    |
| 56                      | SLP560M450A1P3  | 5.924         | 4.443 | 0.50                | 0.74  | 22 x 25    |
| 68                      | SLP680M450A3P3  | 4.879         | 3.659 | 0.53                | 0.78  | 22 x 30    |
| 68                      | SLP680M450C1P3  | 4.879         | 3.659 | 0.53                | 0.78  | 25 x 25    |
| 82                      | SLP820M450A3P3  | 4.046         | 3.035 | 0.64                | 0.94  | 22 x 30    |
| 82                      | SLP820M450C1P3  | 4.046         | 3.035 | 0.64                | 0.94  | 25 x 25    |
| 100                     | SLP101M450A5P3  | 3.317         | 2.488 | 0.69                | 1.01  | 22 x 35    |
| 100                     | SLP101M450C3P3  | 3.317         | 2.488 | 0.69                | 1.01  | 25 x 30    |
| 100                     | SLP101M450E1P3  | 3.317         | 2.488 | 0.72                | 1.06  | 30 x 25    |
| 100                     | SLP101M450C7P3  | 3.317         | 2.488 | 0.78                | 1.15  | 25 x 40    |
| 100                     | SLP101M450A3P3  | 3.317         | 2.488 | 0.65                | 0.96  | 22 x 30    |
| 120                     | SLP121M450A7P3  | 2.765         | 2.074 | 0.80                | 1.18  | 22 x 40    |
| 120                     | SLP121M450C3P3  | 2.765         | 2.074 | 0.80                | 1.18  | 25 x 30    |
| 120                     | SLP121M450E1P3  | 2.765         | 2.074 | 0.80                | 1.18  | 30 x 25    |
| 150                     | SLP151M450A4P3  | 2.212         | 1.659 | 0.88                | 1.29  | 22 x 45    |
| 150                     | SLP151M450C5P3  | 2.212         | 1.659 | 0.88                | 1.29  | 25 x 35    |
| 150                     | SLP151M450E3P3  | 2.212         | 1.659 | 0.88                | 1.29  | 30 x 30    |
| 150                     | SLP151M450C3P3  | 2.121         | 1.591 | 0.82                | 1.21  | 25 x 30    |
| 180                     | SLP181M450C7P3  | 1.843         | 1.382 | 1.00                | 1.47  | 25 x 40    |
| 180                     | SLP181M450E3P3  | 1.843         | 1.382 | 1.00                | 1.47  | 30 x 30    |
| 220                     | SLP221M450C4P3  | 1.508         | 1.131 | 1.12                | 1.65  | 25 x 45    |
| 220                     | SLP221M450E5P3  | 1.508         | 1.131 | 1.12                | 1.65  | 30 x 35    |
| 220                     | SLP221M450H3P3  | 1.508         | 1.131 | 1.12                | 1.65  | 35 x 30    |
| 220                     | SLP221M450E3P3  | 1.508         | 1.131 | 1.05                | 1.54  | 30 x 30    |
| 270                     | SLP271M450E7P3  | 1.229         | 0.922 | 1.28                | 1.88  | 30 x 40    |
| 270                     | SLP271M450H5P3  | 1.229         | 0.922 | 1.28                | 1.88  | 35 x 35    |
| 330                     | SLP331M450E9P3  | 1.005         | 0.754 | 1.45                | 2.13  | 30 x 50    |
| 330                     | SLP331M450H5P3  | 1.005         | 0.754 | 1.37                | 2.01  | 35 x 35    |
| 330                     | SLP331M450H7P3  | 1.005         | 0.754 | 1.45                | 2.13  | 35 x 40    |
| 390                     | SLP391M450H7P3  | 0.851         | 0.638 | 1.55                | 2.28  | 35 x 40    |
| 470                     | SLP471M450H4P3  | 0.706         | 0.530 | 1.77                | 2.60  | 35 x 45    |
| 470                     | SLP471M450H9P3  | 0.706         | 0.530 | 1.85                | 2.72  | 35 x 50    |
| 560                     | SLP561M450H9P3  | 0.590         | 0.443 | 2.00                | 2.94  | 35 x 50    |

# Type SLP 105 °C Snap-In Aluminum Electrolytic

## Best Value 105 °C Snap-In Type

### Typical Performance Curves





Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкурентоспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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