

Type SLPX 85 °C Snap-In Aluminum Electrolytic

Best Value 85 °C Snap-In Type



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

Highlights

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

Specifications

Temperature Range	-40 °C to +85 °C ≤ 250 Vdc -25 °C to +85 °C ≥ 315 Vdc				
Rated Voltage Range	10 Vdc to 450 Vdc				
Capacitance Range	68 µF to 82,000 µF				
Capacitance Tolerance	±20%				
Leakage Current	≤ 3 √CV µA at 5 minutes				
Ripple Current Multipliers	Ambient Temperature				
	20 °C - 45 °C	55 °C	65 °C - 75 °C	85 °C	
	1.58	1.41	1.22	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	1.15	1.47
To apply multipliers, see ratings tables for ripple current values					
Low Temperature Characteristics	Impedance ratio: Z _{-20°C} /Z _{+25°C} ≤ 10 (10 Vdc) ≤ 8 (16–50 Vdc) ≤ 4 (63–100 Vdc) ≤ 3 (150–450 Vdc)				
Endurance Life	3,000 h @ full load @ 85 °C Δ Capacitance ±20% ESR ≤200% of limit DCL 100 % of limit				
Shelf Life	1,000 h @ 85 °C Δ Capacitance ±15% ESR ≤150% of limit DCL 100 % of limit				
Vibration	10 Hz to 55 Hz 0.06” and 10g max 2 h in each plane				
RoHS Compliant					

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Best Value 85 °C Snap-In Type Part Numbering System

SLPX	562	M	025	A1	P	3	A														
Type	Cap	Tolerance	Voltage	Case Code	Polarity	Insulating Sleeve	Pin Style														
SLPX	821 = 820 μF 332 = 3300 μF 103 = 10,000 μF	M = ±20%	025 = 25 Vdc 250 = 250 Vdc		P = Polarized	3 = PVC	Blank = 2 pins snap-in 6.3 mm L A = 2 pins snap-in 4.0 mm L														
				<table><tr><th>Diameter</th><th colspan="3">Length</th><th>mm</th><th colspan="2">(in)</th></tr><tr><td></td><td>25</td><td>30</td><td>35</td><td>40</td><td>45</td><td>50</td></tr></table>				Diameter	Length			mm	(in)			25	30	35	40	45	50
Diameter	Length			mm	(in)																
	25	30	35	40	45	50															

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

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Best Value 85 °C Snap-In Type

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

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Best Value 85 °C Snap-In Type

Cap	3000 h @ 85 °C	Max 25 °C ESR		Max 85 °C Ripple		Nominal
(µF)	Catalog	(Ω)		(A _{rms})		Size (DxL)
	Part Number	120 Hz	20kHz	120 Hz	20kHz	(mm)
160 Vdc (200 Vdc Surge)						
1500	SLPX152M160E7P3	0.133	0.100	3.96	5.82	30 x 40
1500	SLPX152M160H5P3	0.133	0.100	3.94	5.79	35 x 35
1800	SLPX182M160E4P3	0.111	0.083	4.31	6.34	30 x 45
1800	SLPX182M160H5P3	0.111	0.083	4.28	6.29	35 x 35
2200	SLPX222M160H7P3	0.090	0.068	4.96	7.29	35 x 40
2700	SLPX272M160H9P3	0.074	0.056	5.57	8.19	35 x 50
180 Vdc (225 Vdc Surge)						
330	SLPX331M180A1P3	0.603	0.452	1.49	2.19	22 x 25
390	SLPX391M180A1P3	0.510	0.383	1.84	2.70	22 x 25
470	SLPX471M180A3P3	0.423	0.317	1.91	2.81	22 x 30
470	SLPX471M180C1P3	0.423	0.317	2.08	3.06	25 x 25
560	SLPX561M180A5P3	0.355	0.266	2.25	3.31	22 x 35
560	SLPX561M180C1P3	0.355	0.266	2.25	3.31	25 x 25
680	SLPX681M180A5P3	0.293	0.220	2.48	3.65	22 x 35
680	SLPX681M180C3P3	0.293	0.220	2.50	3.68	25 x 30
680	SLPX681M180E1P3	0.293	0.220	2.46	3.62	30 x 25
820	SLPX821M180A7P3	0.243	0.182	2.86	4.20	22 x 40
820	SLPX821M180C5P3	0.243	0.182	2.75	4.04	25 x 35
820	SLPX821M180E1P3	0.243	0.182	2.69	3.95	30 x 25
1000	SLPX102M180C7P3	0.199	0.149	3.06	4.50	25 x 40
1000	SLPX102M180E3P3	0.199	0.149	3.10	4.56	30 x 30
1200	SLPX122M180C4P3	0.166	0.125	3.63	5.34	25 x 45
1200	SLPX122M180E5P3	0.166	0.125	3.55	5.22	30 x 35
1200	SLPX122M180H3P3	0.166	0.125	3.49	5.13	35 x 30
1500	SLPX152M180E7P3	0.133	0.100	4.10	6.03	30 x 40
1500	SLPX152M180H5P3	0.133	0.100	4.02	5.91	35 x 35
1800	SLPX182M180E4P3	0.111	0.083	4.55	6.69	30 x 45
1800	SLPX182M180H5P3	0.111	0.083	4.54	6.67	35 x 35
2200	SLPX222M180H7P3	0.090	0.068	4.83	6.04	35 x 40
2700	SLPX272M180H9P3	0.074	0.056	5.30	6.63	35 x 50
200 Vdc (250 Vdc Surge)						
270	SLPX271M200A1P3	0.737	0.553	1.37	2.01	22 x 25
330	SLPX331M200A3P3	0.603	0.452	1.63	2.40	22 x 30
330	SLPX331M200A1P3	0.603	0.452	1.51	2.22	22 x 25
390	SLPX391M200A3P3	0.510	0.383	1.73	2.54	22 x 30
390	SLPX391M200C1P3	0.510	0.383	1.71	2.51	25 x 25
470	SLPX471M200A3P3	0.423	0.317	1.97	2.90	22 x 30
470	SLPX471M200C3P3	0.423	0.317	1.95	2.87	25 x 30
560	SLPX561M200A7P3	0.355	0.266	2.18	3.20	22 x 40
560	SLPX561M200C3P3	0.355	0.266	2.15	3.16	25 x 30
560	SLPX561M200E1P3	0.355	0.266	2.15	3.16	30 x 25
680	SLPX681M200A4P3	0.293	0.220	2.48	3.65	22 x 45
680	SLPX681M200C5P3	0.293	0.220	2.48	3.65	25 x 35
680	SLPX681M200E3P3	0.293	0.220	2.48	3.65	30 x 30
820	SLPX821M200A9P3	0.243	0.182	2.81	4.13	22 x 50

Cap	3000 h @ 85 °C	Max 25 °C ESR		Max 85 °C Ripple		Nominal
(µF)	Catalog	(Ω)		(A _{rms})		Size (DxL)
	Part Number	120 Hz	20kHz	120 Hz	20kHz	(mm)
200 Vdc (250 Vdc Surge)						
820	SLPX821M200C7P3	0.243	0.182	2.79	4.10	25 x 40
820	SLPX821M200E3P3	0.243	0.182	2.75	4.04	30 x 30
1000	SLPX102M200C4P3	0.199	0.149	3.28	4.82	25 x 45
1000	SLPX102M200E5P3	0.199	0.149	3.15	4.63	30 x 35
1000	SLPX102M200H3P3	0.199	0.149	3.25	4.78	35 x 30
1200	SLPX122M200C9P3	0.166	0.125	3.61	5.31	25 x 50
1200	SLPX122M200E7P3	0.166	0.125	3.61	5.31	30 x 40
1200	SLPX122M200E4P3	0.166	0.125	3.80	5.59	30 x 45
1200	SLPX122M200H5P3	0.166	0.125	3.57	5.25	35 x 35
1500	SLPX152M200E4P3	0.133	0.100	4.13	6.07	30 x 45
1500	SLPX152M200H5P3	0.133	0.100	3.85	5.66	35 x 35
1500	SLPX152M200H7P3	0.133	0.100	4.06	5.97	35 x 40
1500	SLPX152M200H4P3	0.133	0.100	4.26	6.26	35 x 45
1800	SLPX182M200H4P3	0.111	0.083	4.59	6.75	35 x 45
2200	SLPX222M200H9P3	0.090	0.068	5.25	7.72	35 x 50
220 Vdc (270 Vdc Surge)						
220	SLPX221M220A1P3	0.905	0.679	1.30	1.91	22 x 25
270	SLPX271M220A1P3	0.737	0.553	1.42	2.09	22 x 25
330	SLPX331M220A3P3	0.603	0.452	1.59	2.34	22 x 30
330	SLPX331M220C1P3	0.603	0.452	1.59	2.34	25 x 25
390	SLPX391M220A5P3	0.510	0.383	1.80	2.65	22 x 35
390	SLPX391M220C1P3	0.510	0.383	1.75	2.57	25 x 25
470	SLPX471M220A5P3	0.423	0.317	2.06	3.03	22 x 35
470	SLPX471M220C3P3	0.423	0.317	2.08	3.06	25 x 30
470	SLPX471M220E1P3	0.423	0.317	2.16	3.18	30 x 25
560	SLPX561M220A7P3	0.355	0.266	2.22	3.26	22 x 40
560	SLPX561M220C5P3	0.355	0.266	2.38	3.50	25 x 35
560	SLPX561M220E1P3	0.355	0.266	2.18	3.20	30 x 25
680	SLPX681M220A4P3	0.293	0.220	2.62	3.85	22 x 45
680	SLPX681M220C7P3	0.293	0.220	2.56	3.76	25 x 40
680	SLPX681M220E3P3	0.293	0.220	2.52	3.70	30 x 30
820	SLPX821M220C4P3	0.243	0.182	2.91	4.28	25 x 45
820	SLPX821M220E5P3	0.243	0.182	2.84	4.17	30 x 35
820	SLPX821M220H3P3	0.243	0.182	2.79	4.10	35 x 35
1000	SLPX102M220C9P3	0.199	0.149	3.53	5.19	25 x 50
1000	SLPX102M220E7P3	0.199	0.149	3.36	4.94	30 x 40
1000	SLPX102M220H3P3	0.199	0.149	3.29	4.84	35 x 30
1200	SLPX122M220E7P3	0.166	0.125	3.54	5.20	30 x 40
1200	SLPX122M220E4P3	0.166	0.125	3.72	5.47	30 x 45
1200	SLPX122M220H5P3	0.166	0.125	3.68	5.41	35 x 35
1500	SLPX152M220H7P3	0.133	0.100	4.10	5.13	35 x 40
1800	SLPX182M220H4P3	0.111	0.083	4.52	5.65	35 x 45
250 Vdc (300 Vdc Surge)						
220	SLPX221M250A1P3	0.905	0.679	1.24	1.82	22 x 25
270	SLPX271M250A3P3	0.737	0.553	1.50	2.21	22 x 30

Type SLPX 85 °C Snap-In Aluminum Electrolytic

Best Value 85 °C Snap-In Type

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

Type SLPX 85 °C Snap-In Aluminum Electrolytic

Best Value 85 °C Snap-In Type

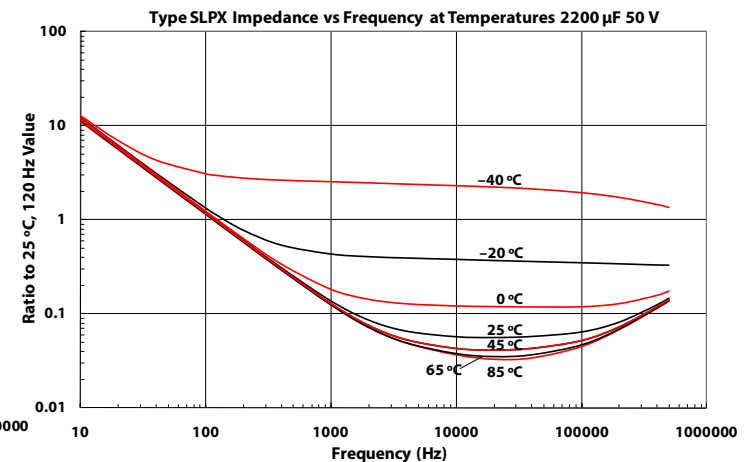
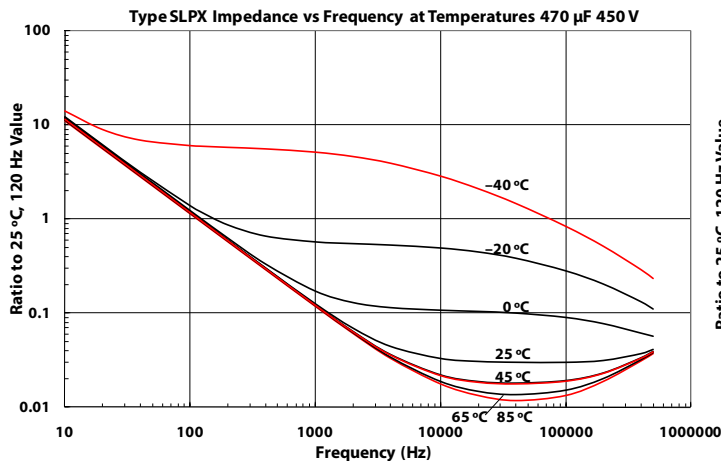
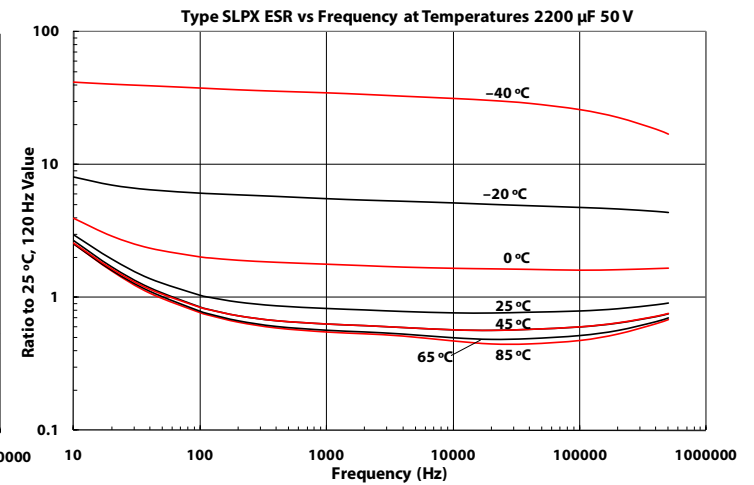
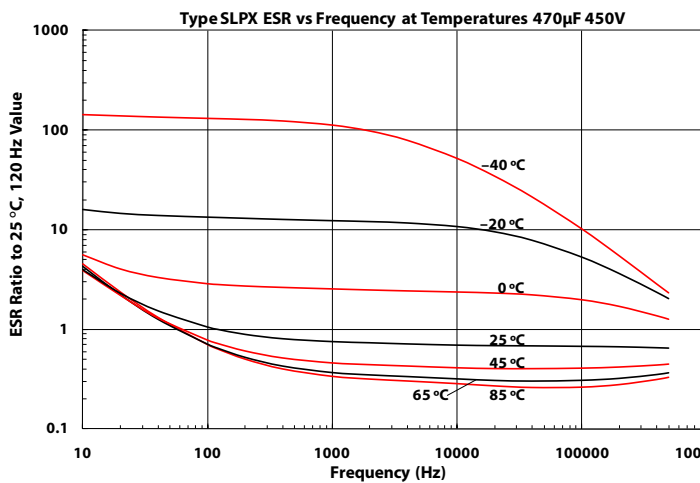
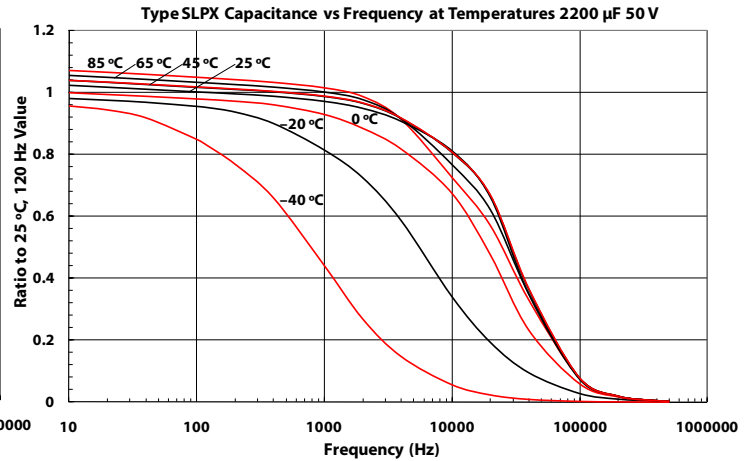
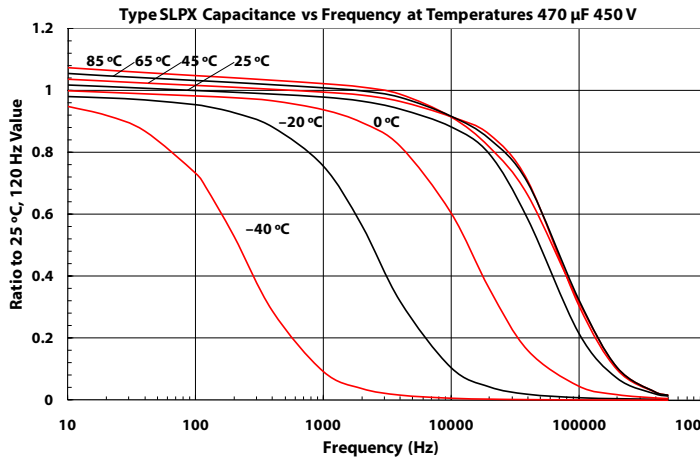
Cap µF	Catalog Part Number 3000 h @ 85 °C	Max ESR Ω @ 25°C 120 Hz 20kHz	Max Ripple (A _{rms}) max @ 85°C 120 Hz 20kHz	Nominal Size (DxL) (mm)
385 Vdc (435 Vdc Surge)				
390	SLPX391M385H5P3	0.510	0.383	2.07 3.04 35 x 35
470	SLPX471M385E9P3	0.423	0.317	2.26 3.32 30 x 50
470	SLPX471M385H7P3	0.423	0.317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

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

Type SLPX 85 °C Snap-In Aluminum Electrolytic

Best Value 85 °C Snap-In Type

Typical Performance Curves



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