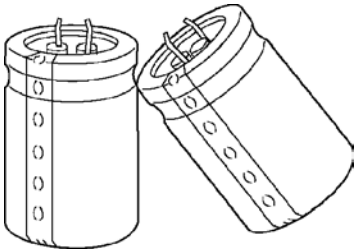
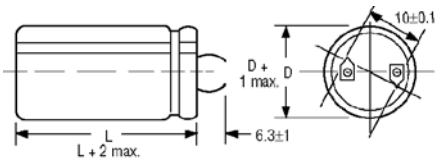


Snap-In, High Ripple,
105°C, Type 381LX



10



Type 381LX aluminum electrolytic capacitors are similar to Type 380LX unit, but are designed to operate at a higher maximum temperature of 105°C. Compared to the 380LX types. The 381LX unit delivers four times the life at the same operating temperature or the same life while operating a full 20°C hotter. Type 381LX capacitors are supplied with specially formed snap mount leads for easy insertion into printed circuit boards. They also utilize PVC outer insulating sleeves with polarity markings and a drawn aluminum case with an integral safety vent in the top.

Operating Temperature: -40°C to 105°C up to 315 VDC, -25°C 350 VDC and up. **EIA Ripple Life:** 8000 hours @ 85°C. **Shelf Life Test:** 1000 hours @ 105°C. **DC Leakage:** ≤3 √CV μA.

16 VDC (20 VDC Surge)

Stock No.	Mfr.'s Type	Cap. µF	DF Max. @ 120 Hz	Max. ESR Ω @ 25 °C		Ripple Amps Max. @ 105 °C		Nominal Size D × L (mm)	EACH	
				120 Hz	20 kHz	120 Hz	20 kHz		1-49	50-99
862-6000	381L332M016H012	3300	0.35	0.141	0.107	1.6	1.8	22 × 25	2.76	2.42
862-6002	381L472M016H012	4700	0.40	0.113	0.085	2.1	2.4	22 × 25	2.96	2.59
862-6004	381L682M016H012	6800	0.45	0.088	0.067	2.2	2.5	22 × 25	3.18	2.78
862-6006	381LX822M016H022	8200	0.49	0.079	0.055	2.4	2.8	22 × 30	3.37	2.95
862-6008	381LX103M016J012	10000	0.45	0.060	0.045	2.6	3.0	25 × 25	3.72	3.26
862-6010	381LX123M016H032	12000	0.45	0.050	0.038	2.9	3.3	22 × 35	3.84	3.36
862-6012	381LX153M016J032	12000	0.45	0.040	0.030	3.2	3.7	25 × 35	4.34	3.80
862-6014	381LX223M016K032	22000	0.45	0.027	0.020	3.8	4.4	30 × 35	5.99	5.25
862-6016	381LX273M016K042	27000	0.45	0.022	0.017	4.2	4.8	30 × 40	6.03	5.27
862-6018	381LX333M016A032	33000	0.45	0.018	0.014	4.7	5.4	35 × 35	7.78	6.80
862-6020	381LX393M016A042	39000	0.50	0.017	0.013	5.1	5.9	35 × 40	9.34	8.17
862-6022	381LX473M016A452	47000	0.60	0.017	0.013	5.5	6.3	35 × 45	9.77	8.54
862-6024	381LX563M016A052	56000	0.68	0.016	0.012	6.0	6.9	35 × 50	11.00	9.62

63 VDC (79 VDC Surge)

862-6028	381L681M063H012	680	0.20	0.390	0.295	0.9	1.0	22 × 25	2.90	2.53
862-6030	381L102M063H016	1000	0.16	0.212	0.160	1.3	1.5	22 × 25	3.18	2.78
862-6032	381LX122M063H012	1200	0.20	0.221	0.167	1.4	1.6	22 × 25	3.30	2.88
862-6034	381L152M063J012	1500	0.16	0.141	0.107	1.6	1.8	25 × 25	3.58	3.13
862-6036	381LX182M063J012	1800	0.20	0.147	0.111	1.7	2.0	25 × 25	3.93	3.44
862-6038	381LX222M63J022	2200	0.20	0.121	0.091	2.0	2.3	25 × 30	4.12	3.60
862-6040	381LX272M063J032	2700	0.20	0.098	0.074	2.2	2.5	25 × 35	4.65	4.07
862-6042	381LX332M063K022	3300	0.20	0.080	0.061	2.5	2.9	30 × 30	5.52	4.83
862-6044	381LX472M063A022	4700	0.20	0.056	0.042	3.0	3.5	35 × 30	7.46	6.52
862-6046	381LX562M063A032	5600	0.20	0.047	0.036	3.3	3.8	35 × 35	8.20	7.17
862-6048	381LX682M063A042	6800	0.20	0.039	0.029	3.6	4.1	35 × 40	9.37	8.19
862-6050	381LX822M063A452	8200	0.20	0.032	0.024	3.9	4.5	35 × 45	10.52	9.21
862-6052	381LX103M063A052	10000	0.20	0.027	0.020	4.4	5.1	35 × 50	12.08	10.56
862-6054	381LX123M063A052	12000	0.32	0.035	0.027	4.4	5.0	35 × 50	14.52	12.70

200 VDC (250 VDC Surge)

862-6056	381L101M200H012	100	0.15	1.989	1.015	0.7	1.0	22 × 25	2.89	2.53
862-6058	381L151M200H012	150	0.15	1.326	0.677	0.8	1.1	22 × 25	3.17	2.77
862-6060	381LX221M200H012	220	0.15	0.904	0.461	1.0	1.4	22 × 25	3.50	3.06
862-6062	381LX271M200G032	270	0.15	0.737	0.376	1.1	1.5	20 × 35	4.15	3.63
862-6064	381LX331M200H022	330	0.15	0.603	0.308	1.2	1.7	22 × 30	4.09	3.58
862-6066	381LX391M200H022	390	0.15	0.510	0.260	1.3	1.8	22 × 30	4.41	3.86
862-6068	381LX471M200H032	470	0.15	0.423	0.216	1.4	2.0	22 × 35	4.90	4.28
862-6070	381LX681M200J032	680	0.15	0.293	0.149	1.7	2.4	25 × 35	6.07	5.31
862-6072	381LX102M200K032	1000	0.15	0.199	0.102	2.2	3.1	30 × 35	8.70	7.61
862-6074	381LX122M200A032	1200	0.15	0.166	0.085	2.3	3.2	35 × 35	10.27	8.98
862-6076	381LX152M200A042	1500	0.15	0.133	0.068	2.5	3.5	35 × 40	11.79	10.32
862-6080	381LX222M200A052	2200	0.15	0.090	0.046	2.5	3.5	35 × 50	15.61	13.65

250 VDC (300 VDC Surge)

862-6082	381L680M250H012	68	0.15	2.926	1.493	0.5	0.6	22 × 25	2.89	2.53
862-6084	381L101M250H012	100	0.15	1.989	1.015	0.7	1.0	22 × 25	3.24	2.83
862-6086	381L151M250H022	150	0.15	1.326	0.677	0.8	1.1	22 × 30	3.64	3.19
862-6088	381LX181M250G032	180	0.15	1.105	0.564	0.9	1.3	20 × 35	4.14	3.62
862-6090	381LX221M250H022	220	0.15	0.904	0.461	1.0	1.4	22 × 30	4.08	3.57
862-6092	381LX271M250H032	270	0.15	0.737	0.376	1.1	1.5	22 × 35	4.48	3.92
862-6094	381LX331M250J032	330	0.15	0.603	0.308	1.2	1.7	25 × 35	5.08	4.45
862-6096	381LX391M250J032	390	0.15	0.510	0.260	1.3	1.8	25 × 35	5.54	4.85
862-6098	381LX471M250K032	470	0.15	0.423	0.216	1.4	2.0	30 × 35	6.98	6.10
862-6100	381LX681M250A032	680	0.15	0.293	0.149	1.7	2.4	35 × 35	8.88	7.77
862-6102	381LX102M250A042	1000	0.15	0.199	0.102	2.2	3.1	35 × 40	10.27	8.98
862-6104	381LX122M250A452	1200	0.15	0.166	0.085	2.3	3.2	35 × 45	13.37	11.68
862-6106	381LX152M250A052	1500	0.15	0.132	0.067	2.5	3.5	35 × 50	15.81	13.83

400 VDC (450 VDC Surge)

862-6108	381L330M400H012	33	0.15	6.029	3.080	0.3	0.5	22 × 25	3.21	2.81
862-6112	381LX560M400G022	56	0.15	3.553	1.813	0.5	0.7	20 × 30	4.16	3.64
862-6114	381LX680M400H022	68	0.15	2.926	1.493	0.6	0.8	22 × 30	4.11	3.60
862-6116	381LX101M400H022	100	0.15	1.989	1.015	0.7	1.0	22 × 30	4.94	4.32
862-6118	381LX121M400H032	120	0.15	1.658	0.846	0.8	1.1	22 × 35	5.52	4.82
862-6120	381LX151M400J022	150	0.15	1.326	0.677	0.8	1.1	25 × 30	6.38	5.58
862-6122	381LX221M400K022	220	0.15	0.904	0.461	1.0	1.4	30 × 30	9.04	7.91
862-6124	381LX271M400K032	270	0.15	0.737	0.376	1.1	1.5	30 × 35	10.39	9.09
862-6126	381LX331M400A032	330	0.15	0.603	0.308	1.2	1.7	35 × 35	12.18	10.65
862-6128	381LX391M400A042	390	0.15	0.510	0.260	1.3	1.8	35 × 40	14.03	12.26
862-6130	381LX471M400A452	470	0.15	0.423	0.216	1.4	2.0	35 × 45	16.51	14.43
862-6132	381LX561M400A052	560	0.15	0.355	0.181	1.5	2.1	35 × 50	20.16	17.63

450 VDC (500 VDC Surge)

862-6134	381LX330M450H012	33	0.20	8.038	4.101	0.4	0.5	22 × 25	3.42	2.99
862-6136	381LX470M450H022	47	0.20	5.644	2.880	0.4	0.6	22 × 30	3.89	3.40
862-6138	381LX560M450H032	56	0.20	4.737	2.417	0.5	0.7	22 × 35	4.18	3.66
862-6140	381LX680M450J022	68	0.20	3.901	1.990	0.5	0.7	25 × 30	4.57	4.00
862-6142	381LX820M450H022	82	0.20	3.235	1.651	0.6	0.8	22 × 30	5.58	4.87
862-6144	381LX101M450H032	100	0.20	2.653	1.354	0.6	0.8	22 × 35	5.58	4.87
862-6146	381LX121M450J032	120	0.20	2.210	1.128	0.7	1.0	25 × 35	6.36	5.56
862-6148	381LX151M450K022	150	0.20	1.768	0.902	0.8	1.1	30 × 30	7.71	6.74
862-6150	381LX181M450K032	180	0.20	1.474	0.752	0.9	1.3	30 × 35	9.07	7.93
862-6152	381LX221M450K042	220	0.20	1.206	0.615	1.0	1.4	30 × 40	10.44	9.13
862-6154	381LX271M450A032	270	0.20	0.982	0.501	1.2	1.7	35 × 35	12.39	10.84
862-6156	381LX331M450A042	330	0.20	0.804	0.410	1.4	2.0	35 × 40	14.53	12.72
862-6158	381LX391M450A452	390	0.20	0.680	0.347	1.6	2.2	35 × 45	16.51	14.43
862-6160	381LX471M450A052	470	0.20	0.564	0.288	1.7	2.4	35 × 50	17.16	15.01