

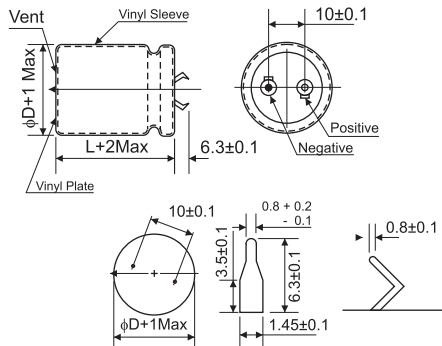
### FEATURES

- Has a snap-in terminal which can solder to PCB directly and need not fixture to save processing time.
- Suitable for electronic equipment with medium-high voltage circuits. Printed circuit board terminal snap-in type and lug terminal type available.
- 3,000 Hour Life

### SPECIFICATIONS

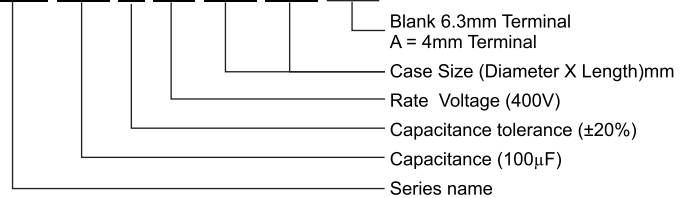
Items	Performance															
Operating Temperature Range	16V ~ 100V							160V ~ 500V								
	-40°C ~ +105°C							-25°C ~ +105°C								
Capacitance Tolerance	±20% (at 120Hz, 20°C)															
Leakage Current (at 20°C)	I = 3√CV or 1.5 mA whichever is smaller (after 5 minutes) Where, C= rated capacitance in μF. V= rated DC rated voltage in V.															
Dissipation Factor (Tanδ at 120Hz, 20°C)	Rated Voltage	16	25	35	50	63	80	100	160	200	250	350	400	420	450	500
	Tanδ (max)	0.50	0.45	0.40	0.35	0.30	0.25	0.20	0.10*	0.10*	0.10*	0.15	0.15	0.15	0.15	0.15
*: 0.15 for D = 35mm																
Low Temperature Characteristics (at 120Hz)	Impedance ratio shall not exceed the values given in the table below.															
	Rated Voltage	16	25	35	50	63	80	100	160	200	250	350	400	420	450	500
	Impedance Ratio	Z (-25°C)/Z (+20°C)	4	3	3	2	2	2	2	4	4	4	4	8	8	8
	Z (-40°C)/Z (+20°C)	15	10	8	6	6	6	5	--	--	--	--	--	--	--	--
Endurance	Test Time	3,000 hours														
	Capacitance Change	Within ±20% of initial value														
	Tan δ	Less than 200% of specified value														
	Leakage Current	Within specified value														
	** The above specifications shall be satisfied when the capacitors are restored at 20°C after the rated voltage applied with rated ripple current for 3,000 hours at 105°C															
Shelf Life Test	Test Time	1,000 hours														
	Capacitance Change	Within ±20% of initial value														
	Tan δ	Less than 150% of specified value														
	Leakage Current	Within specified value														
	** The above specifications shall be satisfied when the capacitors are restored at 20°C after exposing them for 1,000 hours at 105°C without voltage applied. The rated voltage shall be applied to the capacitors before the measurements.															
Ripple Current & Frequency Multipliers	Frequency (Hz)	50 / 60	100 / 120	300	1k	10k up										
	Multiplier	0.8	1.0	1.1	1.3	1.4										
Failure percentage / Failure rate	When the failure percentage / failure rate is required, please contact with us for further discussion.															

### SNAP-IN TERMINAL TYPE



### PART NUMBER EXAMPLE

**LSM 101 M 2G 220 300**



### ■ DIMENSIONS & PERMISSIBLE RIPPLE CURRENT

Rated Voltage (Vdc)	Capacitance 120Hz, 20°C (μF)	D x L (mm)	Ripple Current 120Hz, 105°C (A/rms)	Tan δ at 120Hz, 20°C	ESR 120Hz, 20°C (Ω)	LC 5 minutes (mA)	
16 (1C)	4,700	22 x 25	1.30	0.50	0.141	0.82	
		22 x 35	1.80	0.50	0.098	0.99	
	6,800	25 x 30	1.80	0.50	0.098	0.99	
		22 x 45	2.34	0.50	0.066	1.20	
		25 x 35	2.25	0.50	0.066	1.20	
	10,000	30 x 25	2.19	0.50	0.066	1.20	
		25 x 45	2.83	0.50	0.044	1.47	
		30 x 35	2.82	0.50	0.044	1.47	
		35 x 30	2.82	0.50	0.440	1.47	
		30 x 45	3.13	0.50	0.030	1.50	
15,000	35 x 35	3.09	0.50	0.030	1.50		
25 (1E)	3,300	22 x 25	1.25	0.45	0.181	0.86	
		22 x 30	1.61	0.45	0.127	1.03	
	4,700	25 x 25	1.61	0.45	0.127	1.03	
		22 x 35	1.91	0.45	0.088	1.24	
		25 x 30	1.91	0.45	0.088	1.24	
	6,800	30 x 25	1.91	0.45	0.088	1.24	
		22 x 45	2.51	0.45	0.060	1.50	
		25 x 40	2.42	0.45	0.060	1.50	
	10,000	30 x 30	2.42	0.45	0.060	1.50	
		35 x 25	2.42	0.45	0.060	1.50	
		25 x 45	3.12	0.45	0.040	1.50	
		30 x 35	3.11	0.45	0.040	1.50	
	15,000	35 x 30	3.11	0.45	0.040	1.50	
		30 x 45	3.85	0.45	0.027	1.50	
		35 x 40	3.85	0.45	0.027	1.50	
	35 (1V)	2,200	22 x 25	1.14	0.40	0.241	0.83
			25 x 25	1.51	0.40	0.241	0.83
		3,300	22 x 30	1.51	0.40	0.161	1.02
25 x 30			1.92	0.40	0.161	1.02	
4,700		22 x 35	1.92	0.40	0.113	1.22	
		25 x 40	2.31	0.40	0.113	1.22	
		30 x 25	1.92	0.40	0.113	1.22	
6,800		22 x 45	2.31	0.40	0.078	1.46	
		25 x 45	2.87	0.40	0.078	1.46	
		30 x 30	2.33	0.40	0.078	1.46	
		35 x 25	2.33	0.40	0.078	1.46	
10,000		30 x 35	2.87	0.40	0.053	1.50	
		35 x 30	2.87	0.40	0.053	1.50	
15,000		30 x 45	3.66	0.40	0.035	1.50	
		35 x 40	3.66	0.40	0.035	1.50	
22,000		35 x 45	4.53	0.40	0.024	1.50	
50 (1H)		1,500	22 x 25	1.22	0.35	0.310	0.82
		2,200	22 x 30	1.59	0.35	0.211	0.99
			25 x 25	1.59	0.35	0.211	0.99
		3,300	22 x 35	1.93	0.35	0.141	1.22
			25 x 30	1.88	0.35	0.141	1.22
			30 x 25	1.88	0.35	0.141	1.22

Rated Voltage (Vdc)	Capacitance 120Hz, 20°C (μF)	D x L (mm)	Ripple Current 120Hz, 105°C (A/rms)	Tan δ at 120Hz, 20°C	ESR 120Hz, 20°C (Ω)	LC 5 minutes (mA)	
50 (continue)	4,700	22 x 45	2.43	0.35	0.099	1.45	
		25 x 35	2.34	0.35	0.099	1.45	
		30 x 30	2.42	0.35	0.099	1.45	
		35 x 25	2.42	0.35	0.099	1.45	
	6,800	25 x 45	3.10	0.35	0.068	1.50	
		30 x 35	3.10	0.35	0.068	1.50	
		35 x 30	3.10	0.35	0.068	1.50	
	10,000	30 x 45	4.18	0.35	0.046	1.50	
		35 x 40	4.20	0.35	0.046	1.50	
	63 (1J)	1,000	20 x 20	0.90	0.30	0.398	0.75
22 x 20			0.90	0.30	0.398	0.75	
1,200		20 x 25	1.08	0.30	0.332	0.82	
		22 x 20	1.05	0.30	0.332	0.82	
1,500		20 x 30	1.31	0.30	0.265	0.92	
		22 x 25	1.28	0.30	0.265	0.92	
		25 x 20	1.27	0.30	0.265	0.92	
2,200		20 x 35	1.70	0.30	0.181	1.12	
		22 x 35	1.78	0.30	0.181	1.12	
		25 x 25	1.60	0.30	0.181	1.12	
		30 x 25	1.78	0.30	0.181	1.12	
2,700		20 x 40	1.82	0.30	0.147	1.24	
		22 x 35	1.81	0.30	0.147	1.24	
		25 x 30	1.83	0.30	0.147	1.24	
		30 x 25	1.89	0.30	0.147	1.24	
3,300		20 x 45	2.00	0.30	0.121	1.37	
		22 x 40	2.00	0.30	0.121	1.37	
		25 x 35	2.03	0.30	0.121	1.37	
		30 x 25	1.81	0.30	0.121	1.37	
		35 x 25	2.03	0.30	0.121	1.37	
3,900		20 x 50	2.16	0.30	0.102	1.49	
		22 x 50	2.37	0.30	0.102	1.49	
		25 x 40	2.22	0.30	0.102	1.49	
		30 x 30	2.19	0.30	0.102	1.49	
		35 x 25	2.24	0.30	0.102	1.49	
4,700		25 x 45	2.56	0.30	0.085	1.50	
		30 x 35	2.66	0.30	0.085	1.50	
		35 x 25	2.46	0.30	0.085	1.50	
5,600		25 x 50	2.93	0.30	0.071	1.50	
		30 x 35	2.79	0.30	0.071	1.50	
		35 x 30	2.88	0.30	0.071	1.50	
6,800		30 x 40	3.25	0.30	0.059	1.50	
		35 x 35	3.26	0.30	0.059	1.50	
		35 x 40	3.49	0.30	0.059	1.50	
8,200		35 x 40	3.52	0.30	0.049	1.50	
80 (1K)		1,000	22 x 25	1.05	0.25	0.332	0.85
			25 x 20	1.04	0.25	0.332	0.85
		1,200	20 x 30	1.17	0.25	0.276	0.93
			22 x 30	1.24	0.25	0.276	0.93
			25 x 25	1.24	0.25	0.276	0.93

Rated Voltage (Vdc)	Capacitance 120Hz, 20°C (μF)	D x L (mm)	Ripple Current 120Hz, 105°C (A/rms)	Tan δ at 120Hz, 20°C	ESR 120Hz, 20°C (Ω)	LC 5 minutes (mA)
80 (continue) (1K)	1,500	20 x 40	1.49	0.25	0.221	1.04
		22 x 35	1.54	0.25	0.221	1.04
		25 x 30	1.54	0.25	0.221	1.04
		30 x 25	1.61	0.25	0.221	1.04
	2,200	20 x 50	1.94	0.25	0.151	1.26
		22 x 45	1.95	0.25	0.151	1.26
		25 x 35	1.94	0.25	0.151	1.26
		30 x 30	2.05	0.25	0.151	1.26
		35 x 25	2.10	0.25	0.151	1.26
	3,300	25 x 50	2.25	0.25	0.101	1.50
		30 x 35	2.24	0.25	0.101	1.50
		35 x 30	2.30	0.25	0.101	1.50
4,700	30 x 45	2.84	0.25	0.071	1.50	
	35 x 35	2.80	0.25	0.071	1.50	
100 (2A)	1,000	20 x 35	1.28	0.20	0.265	0.95
		22 x 30	1.36	0.20	0.265	0.95
		25 x 25	1.36	0.20	0.265	0.95
	1,200	20 x 40	1.49	0.20	0.221	1.04
		22 x 35	1.48	0.20	0.221	1.04
		25 x 30	1.49	0.20	0.221	1.04
	1,500	20 x 45	1.75	0.20	0.177	1.16
		22 x 40	1.82	0.20	0.177	1.16
		25 x 35	1.85	0.20	0.177	1.16
		30 x 25	1.80	0.20	0.177	1.16
	2,200	25 x 45	2.50	0.20	0.121	1.41
		30 x 35	2.50	0.20	0.121	1.41
		35 x 30	2.50	0.20	0.121	1.41
	2,700	25 x 50	2.70	0.20	0.098	1.50
		30 x 40	2.72	0.20	0.098	1.50
		35 x 35	2.82	0.20	0.098	1.50
	3,300	30 x 45	3.11	0.20	0.080	1.50
		35 x 35	3.07	0.20	0.080	1.50
	3,900	30 x 50	3.40	0.20	0.068	1.50
		35 x 40	3.38	0.20	0.068	1.50
4,700	35 x 45	3.90	0.20	0.056	1.50	
160 (2C)	180	20 x 20	0.61	0.10	0.737	0.51
	220	20 x 25	0.73	0.10	0.603	0.56
		22 x 20	0.71	0.10	0.603	0.56
	270	20 x 25	0.81	0.10	0.491	0.62
		25 x 20	0.85	0.10	0.491	0.62
	330	20 x 30	0.97	0.10	0.402	0.69
		22 x 25	0.98	0.10	0.402	0.69
		25 x 20	0.94	0.10	0.402	0.69
	390	20 x 30	1.06	0.10	0.340	0.75
		22 x 25	1.03	0.10	0.340	0.75
		25 x 25	1.09	0.10	0.340	0.75
	470	20 x 35	1.17	0.10	0.282	0.82
22 x 30		1.21	0.10	0.282	0.82	
25 x 25		1.19	0.10	0.282	0.82	

Rated Voltage (Vdc)	Capacitance 120Hz, 20°C (μF)	D x L (mm)	Ripple Current 120Hz, 105°C (A/rms)	Tan δ at 120Hz, 20°C	ESR 120Hz, 20°C (Ω)	LC 5 minutes (mA)
160 (continue)  (2C)	560	20 x 40	1.35	0.10	0.237	0.90
		22 x 35	1.40	0.10	0.237	0.90
		25 x 30	1.40	0.10	0.237	0.90
		30 x 25	1.40	0.10	0.237	0.90
	680	20 x 45	1.57	0.10	0.195	0.99
		22 x 40	1.62	0.10	0.195	0.99
		25 x 35	1.61	0.10	0.195	0.99
		30 x 25	1.54	0.10	0.195	0.99
	820	22 x 45	1.86	0.10	0.162	1.09
		25 x 40	1.86	0.10	0.162	1.09
		30 x 30	1.79	0.10	0.162	1.09
		35 x 25	1.79	0.15	0.243	1.09
	1,000	22 x 50	2.18	0.10	0.133	1.20
		25 x 45	2.15	0.10	0.133	1.20
		30 x 35	2.09	0.10	0.133	1.20
		35 x 25	1.98	0.15	0.199	1.20
	1,200	25 x 50	2.35	0.10	0.111	1.31
		30 x 40	2.35	0.10	0.111	1.31
		35 x 30	2.29	0.15	0.166	1.31
	1,500	30 x 35	2.56	0.10	0.088	1.47
35 x 35		2.72	0.15	0.133	1.47	
1,800	30 x 45	2.97	0.10	0.074	1.50	
	35 x 40	3.09	0.15	0.111	1.50	
2,200	30 x 60	3.48	0.10	0.060	1.50	
	35 x 50	3.51	0.15	0.090	1.50	
2,700	35 x 55	4.05	0.15	0.074	1.50	
200  (2D)	180	22 x 20	0.70	0.10	0.737	0.57
	220	20 x 25	0.80	0.10	0.603	0.63
		25 x 20	0.84	0.10	0.603	0.63
	270	20 x 30	0.96	0.10	0.491	0.70
		22 x 25	1.03	0.10	0.491	0.70
	330	22 x 30	1.21	0.10	0.402	0.77
	390	20 x 35	1.24	0.10	0.340	0.84
		22 x 35	1.39	0.10	0.340	0.84
		25 x 25	1.31	0.10	0.340	0.84
	470	20 x 40	1.44	0.10	0.282	0.84
		22 x 35	1.52	0.10	0.282	0.92
		25 x 30	1.52	0.10	0.282	0.92
	560	20 x 50	1.74	0.10	0.237	0.92
		22 x 40	1.66	0.10	0.237	1.00
		25 x 35	1.75	0.10	0.237	1.00
		30 x 25	1.64	0.10	0.237	1.00
	680	22 x 45	2.04	0.10	0.195	1.11
		25 x 40	2.04	0.10	0.195	1.11
		30 x 30	1.96	0.10	0.195	1.11
	820	25 x 45	2.34	0.10	0.162	1.21
30 x 35		2.27	0.10	0.162	1.21	
35 x 25		1.99	0.15	0.243	1.21	

Rated Voltage (Vdc)	Capacitance 120Hz, 20°C (µF)	D x L (mm)	Ripple Current 120Hz, 105°C (A/rms)	Tan δ at 120Hz, 20°C	ESR 120Hz, 20°C (Ω)	LC 5 minutes (mA)
200 (continue)  (2D)	1,000	25 x 50	2.26	0.10	0.133	1.34
		30 x 40	2.63	0.10	0.133	1.34
		35 x 30	2.51	0.15	0.199	1.34
	1,200	30 x 45	3.00	0.10	0.111	1.47
		35 x 35	2.92	0.15	0.166	1.47
	1,500	30 x 50	3.36	0.10	0.088	1.50
		35 x 40	3.34	0.15	0.133	1.50
	1,800	30 x 60	3.64	0.10	0.074	1.50
		35 x 45	3.51	0.15	0.111	1.50
	2,200	35 x 55	4.01	0.15	0.090	1.50
250  (2E)	180	22 x 25	0.77	0.10	0.737	0.64
	220	20 x 30	0.87	0.10	0.603	0.70
	270	20 x 35	1.03	0.10	0.491	0.78
		22 x 30	1.02	0.10	0.491	0.78
		25 x 25	1.08	0.10	0.491	0.78
	330	20 x 40	1.21	0.10	0.402	0.86
		22 x 35	1.20	0.10	0.402	0.86
		25 x 30	1.27	0.10	0.402	0.86
	390	20 x 50	1.45	0.10	0.340	0.94
		22 x 40	1.38	0.10	0.340	0.94
		25 x 35	1.46	0.10	0.340	0.94
		30 x 25	1.39	0.10	0.340	0.94
	470	22 x 45	1.46	0.10	0.282	1.03
		25 x 40	1.69	0.10	0.282	1.03
		30 x 30	1.63	0.10	0.282	1.03
	560	25 x 45	1.93	0.10	0.237	1.12
		35 x 25	1.78	0.15	0.355	1.12
	680	25 x 50	2.04	0.10	0.195	1.24
		30 x 35	2.06	0.10	0.195	1.24
		35 x 30	2.06	0.15	0.293	1.24
	820	30 x 45	2.48	0.10	0.162	1.36
		35 x 35	2.41	0.15	0.243	1.36
	1,000	30 x 50	2.65	0.10	0.133	1.50
		35 x 40	2.76	0.15	0.199	1.50
	1,200	30 x 60	3.15	0.10	0.111	1.50
		35 x 45	3.14	0.15	0.166	1.50
	1,800	35 x 60	3.97	0.15	0.111	1.50
	350  (2V)	100	20 x 30	0.53	0.15	1.990
22 x 25			0.52	0.15	1.990	0.56
25 x 20			0.52	0.15	1.990	0.56
120		20 x 35	0.63	0.15	1.659	0.61
		22 x 30	0.62	0.15	1.659	0.61
		25 x 25	0.65	0.15	1.659	0.61
150		20 x 40	0.74	0.15	1.327	0.69
		22 x 35	0.74	0.15	1.327	0.69

Rated Voltage (Vdc)	Capacitance 120Hz, 20°C (µF)	D x L (mm)	Ripple Current 120Hz, 105°C (A/rms)	Tan δ at 120Hz, 20°C	ESR 120Hz, 20°C (Ω)	LC 5 minutes (mA)
350 (continue) (2V)	180	20 x 45	0.81	0.15	1.106	0.75
		22 x 40	0.81	0.15	1.106	0.75
		25 x 30	0.77	0.15	1.106	0.75
		30 x 25	0.80	0.15	1.106	0.75
	220	20 x 50	0.94	0.15	0.905	0.83
		22 x 45	0.94	0.15	0.905	0.83
		25 x 35	0.91	0.15	0.905	0.83
	270	22 x 50	1.09	0.15	0.737	0.92
		25 x 40	1.06	0.15	0.737	0.92
		30 x 30	1.05	0.15	0.737	0.92
		35 x 25	1.08	0.15	0.737	0.92
	330	25 x 45	1.24	0.15	0.603	1.02
		30 x 35	1.24	0.15	0.603	1.02
		35 x 30	1.33	0.15	0.603	1.02
	390	30 x 40	1.42	0.15	0.510	1.11
		35 x 30	1.39	0.15	0.510	1.11
	470	30 x 45	1.56	0.15	0.423	1.22
		35 x 35	1.53	0.15	0.423	1.22
	560	30 x 50	1.78	0.15	0.355	1.33
		35 x 40	1.77	0.15	0.355	1.33
680	30 x 60	1.94	0.15	0.293	1.46	
	35 x 50	1.95	0.15	0.293	1.46	
820	35 x 55	2.23	0.15	0.243	1.50	
400 (2G)	56	22 x 20	0.41	0.15	3.554	0.45
	68	22 x 25	0.52	0.15	2.927	0.49
		25 x 20	0.49	0.15	2.927	0.49
	82	20 x 30	0.54	0.15	2.427	0.54
	100	20 x 35	0.64	0.15	1.990	0.60
		22 x 30	0.67	0.15	1.990	0.60
	120	20 x 40	0.74	0.15	1.659	0.66
		22 x 35	0.78	0.15	1.659	0.66
		25 x 25	0.69	0.15	1.659	0.66
	150	20 x 45	0.87	0.15	1.327	0.73
		22 x 40	0.91	0.15	1.327	0.73
		25 x 30	0.83	0.15	1.327	0.73
		30 x 25	0.86	0.15	1.327	0.73
	180	22 x 45	1.04	0.15	1.106	0.80
		25 x 35	0.97	0.15	1.106	0.80
	220	22 x 50	1.17	0.15	0.905	0.89
		25 x 40	1.14	0.15	0.905	0.89
		30 x 30	1.12	0.15	0.905	0.89
		35 x 25	1.15	0.15	0.905	0.89
	270	25 x 50	1.40	0.15	0.737	0.99
		30 x 35	1.31	0.15	0.737	0.99
		35 x 30	1.31	0.15	0.737	0.99
	330	30 x 40	1.39	0.15	0.603	1.09
		35 x 30	1.34	0.15	0.603	1.09
	390	30 x 45	1.49	0.15	0.510	1.18
		35 x 35	1.47	0.15	0.510	1.18

Rated Voltage (Vdc)	Capacitance 120Hz, 20°C (µF)	D x L (mm)	Ripple Current 120Hz, 105°C (A/rms)	Tan δ at 120Hz, 20°C	ESR 120Hz, 20°C (Ω)	LC 5 minutes (mA)
400 (continue)	470	30 x 50	1.72	0.15	0.423	1.30
		35 x 40	1.71	0.15	0.423	1.30
	560	30 x 60	2.03	0.15	0.355	1.42
		35 x 45	2.23	0.15	0.355	1.42
	680	35 x 55	2.31	0.15	0.293	1.50
820	35 x 60	2.54	0.15	0.243	1.50	
420 (2P)	56	20 x 25	0.41	0.15	3.554	0.46
		22 x 20	0.40	0.15	3.554	0.46
	68	20 x 30	0.49	0.15	2.927	0.51
		22 x 25	0.48	0.15	2.927	0.51
	82	20 x 30	0.54	0.15	2.427	0.56
		22 x 25	0.53	0.15	2.427	0.56
	100	20 x 35	0.64	0.15	1.990	0.61
		22 x 30	0.63	0.15	1.990	0.61
		25 x 25	0.63	0.15	1.990	0.61
	120	20 x 40	0.74	0.15	1.659	0.67
		22 x 35	0.74	0.15	1.659	0.67
		25 x 30	0.78	0.15	1.659	0.67
	150	20 x 50	0.92	0.15	1.327	0.75
		22 x 40	0.87	0.15	1.327	0.75
		30 x 25	0.80	0.15	1.327	0.75
	180	22 x 45	0.93	0.15	1.106	0.82
		25 x 35	0.90	0.15	1.106	0.82
		30 x 30	0.98	0.15	1.106	0.82
	220	25 x 45	1.01	0.15	0.905	0.91
		30 x 35	1.05	0.15	0.905	0.91
		35 x 25	0.97	0.15	0.905	0.91
	270	25 x 50	1.17	0.15	0.737	1.01
		30 x 40	1.22	0.15	0.737	1.01
		35 x 30	1.15	0.15	0.737	1.01
	330	30 x 45	1.37	0.15	0.603	1.12
		35 x 35	1.35	0.15	0.603	1.12
	390	30 x 50	1.56	0.15	0.510	1.21
		35 x 40	1.55	0.15	0.510	1.21
	470	30 x 60	1.76	0.15	0.423	1.33
		35 x 45	1.70	0.15	0.423	1.33
	560	35 x 50	1.94	0.15	0.355	1.45
	680	35 x 60	2.31	0.15	0.293	1.50
450 (2W)	56	20 x 25	0.41	0.15	3.554	0.48
	82	20 x 30	0.54	0.15	2.427	0.58
		25 x 25	0.57	0.15	2.427	0.58
	100	20 x 45	0.71	0.15	1.990	0.64
		22 x 35	0.67	0.15	1.990	0.64
	120	20 x 50	0.82	0.15	1.659	0.70
		22 x 40	0.78	0.15	1.659	0.70
25 x 30		0.74	0.15	1.659	0.70	
30 x 25	0.77	0.15	1.659	0.70		



Rated Voltage (Vdc)	Capacitance 120Hz, 20°C (µF)	D x L (mm)	Ripple Current 120Hz, 105°C (A/rms)	Tan δ at 120Hz, 20°C	ESR 120Hz, 20°C (Ω)	LC 5 minutes (mA)
450 (continue)  (2W)	150	22 x 45	0.92	0.15	1.327	0.78
		25 x 35	0.89	0.15	1.327	0.78
		30 x 30	0.93	0.15	1.327	0.78
		35 x 25	0.95	0.15	1.327	0.78
	180	22 x 50	1.06	0.15	1.106	0.85
		25 x 40	1.03	0.15	1.106	0.85
		30 x 30	1.01	0.15	1.106	0.85
		35 x 25	1.04	0.15	1.106	0.85
	220	25 x 45	1.18	0.15	0.905	0.94
		30 x 35	1.18	0.15	0.905	0.94
		35 x 30	1.22	0.15	0.905	0.94
	270	30 x 40	1.17	0.15	0.737	1.05
	330	30 x 50	1.42	0.15	0.603	1.16
		35 x 35	1.64	0.15	0.603	1.16
	390	35 x 40	1.74	0.15	0.510	1.26
470	35 x 50	1.85	0.15	0.423	1.38	
560	35 x 50	2.02	0.15	0.355	1.50	
500  (2H)	82	22 x 35	0.68	0.15	2.427	0.67
		25 x 30	0.74	0.15	2.427	0.67
	100	22 x 40	0.79	0.15	1.990	0.67
		25 x 40	0.85	0.15	1.990	0.67
		30 x 35	1.20	0.15	1.990	0.67
	120	22 x 45	0.91	0.15	1.659	0.73
		25 x 45	0.98	0.15	1.659	0.73
	150	22 x 50	1.07	0.15	1.327	0.82
		25 x 55	1.20	0.15	1.327	0.82
	220	30 x 40	1.40	0.15	0.905	0.99
	270	35 x 35	1.61	0.15	0.737	1.10
	330	35 x 40	1.88	0.15	0.603	1.22
	390	35 x 45	2.15	0.15	0.510	1.32

■ **CHARACTERISTICS CURVES**

