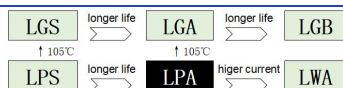


# Screw terminal capacitor Liron®

## LPA Series (85°C for 3000 hours)

- Rohs requirements.
- 85°C 3000 hours series.
- Used for switching power supply, servo, frequency converter, air conditioning, filter circuit, laser spot welding machine, consumer electronics, printed circuit board and other general industrial products.



### Product description

Item	Characteristic							
Operating temperature range	-40°C ~ +85°C				-25°C ~ +85°C			
Rated voltage(WV/V)	10V ~ 450V				460V ~ 600V			
Capacitance(CAP/C)	470 ~ 1800000							
Tolerance(CAP/C)	±20% (25°C, 120Hz)							
Leakage current LC/I(25°C, 120Hz)	LC≤0.01CV(uA) or 5mA, take the smaller value (25°C, 5minutes) C=Nominal capacitance(μF), V=Working voltage(V)							
Dissipation factor DF/tanδ(25°C, 120Hz)	U <sub>R</sub> (V)	10~16	25~35	50	63	80~100	160~200	250~600
	DF	1.5	1	0.5	0.4	0.3	0.25	0.2
Temperature characteristics (Capacitance ratio at 120Hz)	C(-40°C)/C(+25°C)≥0.6							
	C(-25°C)/C(+25°C)≥0.7							

	Working lifetime		Standard lifetime	Durability	High temperature storage	
Load time	5000h	>80000h	3000h	3000h	1000h	
Leakage current LC/I(25°C, 120Hz)	Within the rated specification value.		Within the rated specification value.	Within the rated specification value.	Within the rated specification value.	
Capacitance change	Within ±30% of initial value		Within ±20% of initial value	Within ±20% of initial value	Within ±20% of initial value	
Dissipation factor	Within 300% of rated specification value		Within 200% of rated specification value	Within 200% of rated specification value	Within 200% of rated specification value	
Environmental condition: Applied voltage	UR	UR	UR	UR	UR=0	Apply rated working voltage for 60 minutes, and conduct the test after 24-hour recovery.
Applied current	IR	1.2×IR	IR	IR=0	IR=0	
Application temperature	85°C	40°C	85°C	85°C	85°C	

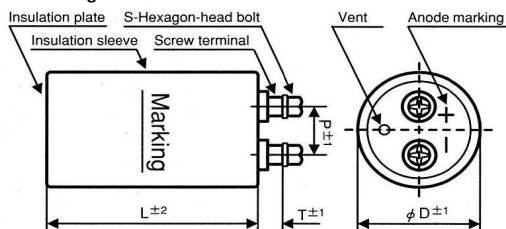
### Ripple current correction factor

Temperature °C	40	60	70	85
Coefficient	2.7	2.0	1.7	1.0

Freq. UR(V)	50/60Hz	120Hz	300KHz	1KHz	≥10KHz
	10~50	0.95	1.00	1.04	1.10
63~100	0.90	1.00	1.08	1.16	1.30
160~500	0.80	1.00	1.10	1.25	1.50

Aluminum electrolytic capacitors aging due to self-heating and temperature rise when the ripple current is superimposed, and the rising temperature will reduce the product life. To maintain the product life, please reduce the ripple current during use

### Drawing unit: mm

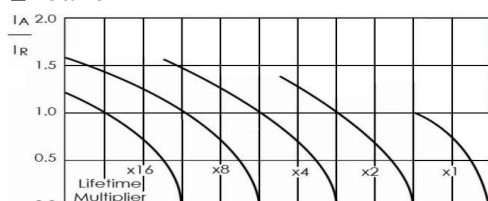


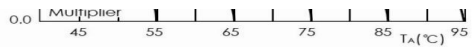
Capacitors with screw terminals series

ΦD±1	P±1	S±0.5	T±1	Cap material
36	12.7	M5×10	6	EP
51	22	M5×10	6	EP
64	28.6	M5×10	6	EP
77	31.4	M5×10	6	EP
90	31.4	M5×10	6	EP
101	41.5	M8×17	10	EP

Multiplier of useful life as a function of ambient temperature and ripple current load I<sub>A</sub>: actual ripple current at 120Hz, I<sub>R</sub>: rated ripple current at 120Hz 85°C

### Life curve





■ LPA series : 85°C 3000 hours standard screw capacitor

WV	CAP 25°C, 120Hz	DF 25°C, 120Hz	Max ESR 25°C, 120Hz	ESR (typ.) 25°C, 120Hz	Rated Ripple Current 85°C, 120Hz	Size	ΦD×L	Code P/N
(V.DC)	(μF)	-	(mΩ)	(mΩ)	(Arms)	(mm)		-
10 1A(13)	33000	0.8	33	22	4.5	36 x 50		LPA1A333MA050***
	39000	0.8	29	19	4.8	36 x 50		LPA1A393MA050***
	47000	0.8	23	15	5.2	36 x 70		LPA1A473MA070***
	56000	0.8	20	13	6.1	36 x 80		LPA1A563MA080***
	68000	0.8	15	10	6.8	36 x 80		LPA1A683MA080***
	82000	0.8	14	9	7.8	36 x 100		LPA1A823MA100***
	100000	0.8	12	8	8.8	36 x 100		LPA1A104MA100***
	120000	0.8	11	7	10.0	36 x 120		LPA1A124MA120***
	150000	1.0	11	7	10.8	36 x 120		LPA1A154MA120***
	180000	1.0	9	6	11.2	51 x 100		LPA1A184MA100***
	220000	1.5	8	5	12.1	51 x 100		LPA1A224MA100***
	270000	1.5	6	4	12.8	64 x 96		LPA1A274MD096***
	330000	1.5	6	4	15.3	64 x 105		LPA1A334MD105***
	390000	1.5	5	3	16.8	64 x 115		LPA1A394MD115***
	470000	2.0	5	3	17.3	64 x 130		LPA1A474MD130***
	560000	2.0	5	3	19.0	77 x 115		LPA1A564ME115***
	680000	2.0	5	3	21.8	77 x 130		LPA1A684ME130***
	820000	2.0	3	2	24.8	77 x 155		LPA1A824ME155***
1000000	2.5	3	2	26.8	77 x 170		LPA1A105ME170***	
1200000	2.5	3	2	28.8	90 x 157		LPA1A125MF157***	
1500000	2.5	3	2	31.8	90 x 170		LPA1A155MF170***	
16 1C(20)	22000	0.6	33	22	4.1	36 x 50		LPA1C223MA050***
	27000	0.6	29	19	4.5	36 x 50		LPA1C273MA050***
	33000	0.6	24	16	5.0	36 x 50		LPA1C333MA050***
	39000	0.6	20	13	5.9	36 x 70		LPA1C393MA070***
	47000	0.6	17	11	6.4	36 x 80		LPA1C473MA080***
	56000	0.6	15	10	7.3	36 x 80		LPA1C563MA080***
	68000	0.6	12	8	8.4	36 x 100		LPA1C683MA100***
	82000	0.8	11	7	8.3	36 x 100		LPA1C823MA100***
	100000	0.8	9	6	9.5	36 x 120		LPA1C104MA120***
	120000	0.8	8	5	10.9	36 x 120		LPA1C124MA120***
	150000	1.0	6	4	11.3	51 x 100		LPA1C154MC100***
	180000	1.0	5	3	12.8	51 x 100		LPA1C184MC100***
	220000	1.0	5	3	15.3	64 x 105		LPA1C224MD105***
	270000	1.0	5	3	16.8	64 x 105		LPA1C274MD105***
	330000	1.5	5	3	17.6	64 x 115		LPA1C334MD115***
	390000	1.5	5	3	18.3	64 x 130		LPA1C394MD130***
	470000	1.5	3	2	21.3	77 x 115		LPA1C474ME115***
	560000	1.5	3	2	23.6	77 x 130		LPA1C564ME130***
680000	1.5	3	2	25.6	77 x 155		LPA1C684ME155***	
820000	2.0	3	2	28.1	90 x 157		LPA1C824MF157***	
1000000	2.5	3	2	31.1	90 x 157		LPA1C105MF157***	
1200000	2.5	3	2	33.2	90 x 157		LPA1C125MF157***	
1500000	2.5	3	2	35.9	90 x 170		LPA1C155MF170***	
1800000	2.5	3	2	38.1	90 x 196		LPA1C185MF196***	
50 1H (63)	5600	0.3	69	46	3.0	36 x 50		LPA1H562MA050***
	6800	0.3	57	38	3.3	36 x 50		LPA1H682MA050***
	8200	0.3	47	31	3.6	36 x 50		LPA1H822MA050***
	10000	0.3	39	26	4.0	36 x 70		LPA1H103MA070***
	12000	0.3	33	22	4.7	36 x 80		LPA1H123MA080***
	15000	0.3	23	15	5.5	36 x 80		LPA1H153MA080***
	18000	0.3	18	12	6.2	36 x 100		LPA1H183MA100***
	22000	0.4	17	11	6.3	36 x 120		LPA1H223MA120***
	27000	0.4	15	10	7.1	36 x 120		LPA1H273MA120***
	33000	0.4	14	9	7.8	51 x 100		LPA1H333MC100***
	39000	0.5	12	8	8.4	51 x 100		LPA1H393MC100***
	47000	0.5	12	8	9.3	51 x 100		LPA1H473MC100***
	56000	0.5	9	6	10.5	64 x 105		LPA1H563MD105***
	68000	0.5	8	5	12.0	64 x 105		LPA1H683MD105***
	82000	0.5	6	4	13.7	64 x 115		LPA1H823MD115***
	100000	0.6	6	4	14.7	77 x 115		LPA1H104ME115***
	120000	0.6	5	3	16.7	77 x 115		LPA1H124ME115***
	150000	0.6	5	3	19.3	77 x 130		LPA1H154ME130***
180000	0.6	5	3	21.9	77 x 155		LPA1H184ME155***	
220000	0.6	3	2	21.4	90 x 130		LPA1H224MF130***	
270000	0.6	3	2	24.6	90 x 157		LPA1H274MF157***	
330000	0.6	3	2	26.6	90 x 170		LPA1H334MF170***	
63 1J (79)	3900	0.3	71	47	2.7	36 x 50		LPA1J392MA050***
	4700	0.3	77	51	3.0	36 x 50		LPA1J472MA050***
	5600	0.3	57	38	3.3	36 x 50		LPA1J562MA050***
	6800	0.3	48	32	3.6	36 x 70		LPA1J682MA070***
	8200	0.3	39	26	4.3	36 x 80		LPA1J822MA080***
	10000	0.3	35	23	4.9	36 x 80		LPA1J103MA080***
	12000	0.3	27	18	5.6	36 x 100		LPA1J123MA100***
	15000	0.3	24	16	5.9	36 x 100		LPA1J153MA100***
	18000	0.3	23	15	6.7	36 x 120		LPA1J183MA120***
	22000	0.3	20	13	7.4	36 x 120		LPA1J223MA120***
	27000	0.4	18	12	7.8	51 x 100		LPA1J273MC100***
	33000	0.4	12	8	8.4	51 x 100		LPA1J333MC100***
	39000	0.4	11	7	9.5	51 x 100		LPA1J393MC100***
	47000	0.4	9	6	11.3	64 x 105		LPA1J473MD105***
	56000	0.4	9	6	12.7	64 x 115		LPA1J563MD115***
	68000	0.5	8	5	13.1	64 x 120		LPA1J683MD120***
	82000	0.5	6	4	14.5	64 x 130		LPA1J823MD130***
	100000	0.5	6	4	16.7	77 x 115		LPA1J104ME115***
120000	0.5	5	3	18.9	77 x 130		LPA1J124ME130***	
150000	0.5	3	2	22.4	77 x 155		LPA1J154ME155***	
180000	0.6	3	2	24.4	90 x 130		LPA1J184MF130***	
220000	0.6	3	2	26.2	90 x 157		LPA1J224MF157***	
250000	0.6	3	2	28.9	90 x 170		LPA1J254MF170***	

WV	CAP 25°C, 120Hz	DF 25°C, 120Hz	Max ESR 25°C, 120Hz	ESR (typ.) 25°C, 120Hz	Rated Ripple Current 85°C, 120Hz	Size	ΦD×L	Φ	Code P/N
(V.DC)	(μF)	-	(mΩ)	(mΩ)	(Arms)	(mm)			-
25 1E(32)	15000	0.5	33	22	3.7	36 x 50			LPA1E153MA050***
	18000	0.5	27	18	4.1	36 x 50			LPA1E183MA050***
	22000	0.5	24	16	4.5	36 x 50			LPA1E223MA050***
	27000	0.5	20	13	5.0	36 x 70			LPA1E273MA070***
	33000	0.5	17	11	5.9	36 x 80			LPA1E333MA080***
	39000	0.5	14	9	6.7	36 x 80			LPA1E393MA080***
	47000	0.5	12	8	7.7	36 x 100			LPA1E473MA100***
	56000	0.6	11	7	7.9	36 x 100			LPA1E563MA100***
	68000	0.6	9	6	9.1	36 x 120			LPA1E683MA120***
	82000	0.6	8	5	10.4	36 x 120			LPA1E823MA120***
	100000	0.8	6	4	10.3	51 x 100			LPA1E104MC100***
	120000	0.8	6	4	11.7	51 x 100			LPA1E124MC100***
	150000	0.8	5	3	14.1	64 x 105			LPA1E154MD105***
	180000	0.8	5	3	15.7	64 x 105			LPA1E184MD105***
	220000	1.0	5	3	16.1	64 x 115			LPA1E224MD115***
	270000	1.0	5	3	18.6	64 x 130			LPA1E274MD130***
	330000	1.0	3	2	21.9	77 x 105			LPA1E334ME105***
	390000	1.2	3	2	22.0	77 x 115			LPA1E394ME115***
470000	1.2	3	2	25.6	77 x 155			LPA1E474ME155***	
560000	1.2	3	2	27.9	90 x 130			LPA1E564MF130***	
680000	1.2	3	2	32.5	90 x 157			LPA1E684MF157***	
820000	1.2	3	2	35.2	90 x 170			LPA1E824MF170***	
35 1V(44)	10000	0.4	36	24	3.4	36 x 50			LPA1V103MA050***
	12000	0.4	30	20	3.7	36 x 50			LPA1V123MA050***
	15000	0.4	26	17	4.2	36 x 70			LPA1V153MA070***
	18000	0.4	21	14	4.9	36 x 80			LPA1V183MA080***
	22000	0.4	18	12	5.7	36 x 80			LPA1V223MA080***
	27000	0.4	14	9	6.3	36 x 100			LPA1V273MA100***
	33000	0.4	14	9	7.2	36 x 100			LPA1V333MA100***
	39000	0.5	12	8	7.3	36 x 120			LPA1V393MA120***
	47000	0.5	12	8	8.7	51 x 100			LPA1V473MC100***
	56000	0.6	12	8	8.6	51 x 100			LPA1V563MC100***
	68000	0.6	9	6	9.8	51 x 100			LPA1V683MC100***
	82000	0.6	8	5	11.6	64 x 105			LPA1V823MD105***
	100000	0.6	6	4	13.3	64 x 115			LPA1V104MD115***
	120000	0.6	6	4	14.8	64 x 120			LPA1V124MD120***
	150000	0.8	6	4	14.9	64 x 130			LPA1V154MD130***
	180000	0.8	5	3	17.0	77 x 115			LPA1V184ME115***
	220000	0.8	5	3	19.1	77 x 130			LPA1V224ME130***
	270000	1.0	5	3	20.3	77 x 155			LPA1V274ME155***
330000	1.0	3	2	23.5	90 x 130			LPA1V334MF130***	
390000	1.0	3	2	26.4	90 x 157			LPA1V394MF157***	
470000	1.0	3	2	29.					

WV	CAP 25 °C, 120Hz	DF 25 °C, 120Hz	Max ESR 25 °C, 120Hz	ESR (typ.) 25 °C, 120Hz	Rated Ripple Current 85 °C, 120Hz	Size	ΦDxL	Code P/N
(V.DC)	(µF)	-	(mΩ)	(mΩ)	(Arms)	(mm)	-	-
160 2C (200)	3300	0.25	47	31	5.2	36 x 120	LP42C332MA1200***	
	4700	0.25	32	21	5.9	51 x 80	LP42C472MC0800***	
	5600	0.25	29	19	7.0	51 x 100	LP42C562MC1000***	
	6800	0.25	24	16	7.8	51 x 100	LP42C682MC1000***	
	10000	0.25	20	13	10.4	64 x 105	LP42C1032MC1050***	
	12000	0.25	15	10	11.3	64 x 105	LP42C123MD1050***	
	15000	0.25	14	9	14.3	64 x 130	LP42C153MD1300***	
		0.25	12	8	14.3	77 x 105	LP42C153ME1050***	
	18000	0.25	12	8	15.6	64 x 130	LP42C183MD1300***	
		0.25	12	8	15.6	77 x 115	LP42C183ME1150***	
	22000	0.25	9	6	18.3	77 x 130	LP42C223MF1300***	
		0.25	9	6	18.3	90 x 105	LP42C223MF1050***	
	25000	0.25	9	6	19.6	77 x 130	LP42C253MF1300***	
		0.25	9	6	19.6	90 x 105	LP42C253MF1050***	
	27000	0.25	9	6	21.5	77 x 155	LP42C273ME1550***	
		0.25	9	6	21.5	90 x 130	LP42C273MF1300***	
	33000	0.25	8	5	23.8	90 x 130	LP42C333MF1300***	
		0.25	8	5	23.8	90 x 157	LP42C333MF1570***	
	39000	0.25	6	4	27.9	90 x 157	LP42C393MF1570***	
		0.25	6	4	27.9	101 x 155	LP42C393MF1550***	
	47000	0.25	5	3	31.1	90 x 170	LP42C473MF1700***	
		0.25	5	3	31.1	101 x 155	LP42C473MF1550***	
	56000	0.25	5	3	33.6	90 x 196	LP42C563MF1960***	
	68000	0.25	5	3	36.5	90 x 220	LP42C683MF2200***	
82000	0.25	5	3	39.1	90 x 250	LP42C823MF2500***		
100000	0.25	5	3	42.3	101 x 250	LP42C104MG2500***		
200 2D (250)	2200	0.25	57	38	3.9	36 x 100	LP42D222MA1000***	
	3300	0.25	36	24	4.9	51 x 80	LP42D332MC0800***	
	4700	0.25	30	20	6.4	51 x 100	LP42D472MC1000***	
	5600	0.25	27	18	7.6	51 x 100	LP42D562MC1000***	
	6800	0.25	21	14	8.8	51 x 130	LP42D682MC1300***	
	8200	0.25	17	11	9.4	64 x 105	LP42D822MD1050***	
	10000	0.25	14	9	10.4	64 x 105	LP42D103MD1050***	
		0.25	14	9	10.4	77 x 96	LP42D822ME0960***	
	15000	0.25	11	7	14.4	77 x 105	LP42D153ME1050***	
		0.25	11	7	14.4	77 x 115	LP42D153ME1150***	
	18000	0.25	9	6	16.5	77 x 130	LP42D183ME1300***	
		0.25	9	6	16.5	77 x 155	LP42D183ME1550***	
	22000	0.25	8	5	19.6	77 x 155	LP42D223ME1550***	
		0.25	8	5	19.6	90 x 130	LP42D223MF1300***	
	33000	0.25	6	4	25.3	77 x 220	LP42D333ME2200***	
		0.25	6	4	25.3	90 x 157	LP42D333MF1570***	
	47000	0.25	5	3	27.6	90 x 250	LP42D473MF2500***	
		0.25	5	3	27.6	101 x 190	LP42D473MG1900***	
	56000	0.25	5	3	29.8	101 x 250	LP42D563MG2500***	
	400 2G (450)	1000	0.2	123	82	3.5	51 x 80	LP42G102MC0800***
		1200	0.2	102	68	3.8	51 x 80	LP42G122MC0800***
		1500	0.2	87	58	4.7	51 x 80	LP42G152MC0800***
		1800	0.2	71	47	5.2	51 x 100	LP42G182MC1000***
		2200	0.2	60	40	6.4	51 x 100	LP42G222MC1000***
2500		0.2	54	36	6.7	51 x 100	LP42G252MC1000***	
		0.2	54	36	6.7	64 x 105	LP42G252MD1050***	
2700		0.2	50	33	7.1	51 x 100	LP42G272MC1000***	
		0.2	50	33	7.1	64 x 105	LP42G272MD1050***	
3300		0.2	47	31	8.2	64 x 105	LP42G332MD1050***	
		0.2	47	31	8.2	64 x 115	LP42G332MD1150***	
3900		0.2	38	25	9.4	64 x 115	LP42G392MD1150***	
		0.2	38	25	9.4	77 x 96	LP42G392ME0960***	
4700		0.2	36	24	10.5	64 x 120	LP42G472MD1200***	
		0.2	36	24	10.5	64 x 135	LP42G472MD1350***	
5600		0.2	36	24	10.5	77 x 115	LP42G472ME1150***	
		0.2	29	19	12.0	64 x 130	LP42G562MD1300***	
6800		0.2	29	19	12.0	77 x 115	LP42G562ME1150***	
		0.2	29	19	12.0	77 x 130	LP42G562ME1300***	
7400		0.2	24	16	14.1	77 x 130	LP42G682ME1300***	
		0.2	24	16	14.1	77 x 143	LP42G682ME1430***	
8200		0.2	24	16	14.1	77 x 155	LP42G682ME1550***	
		0.2	23	15	15.5	77 x 130	LP42G742ME1300***	
8200		0.2	23	15	15.5	77 x 155	LP42G742ME1550***	
	0.2	21	14	16.5	77 x 145	LP42G822ME1450***		
8200	0.2	21	14	16.5	77 x 155	LP42G822ME1550***		
	0.2	21	14	16.5	90 x 130	LP42G822MF1300***		
8200	0.2	21	14	16.5	90 x 157	LP42G822MF1570***		
	0.2	17	11	18.3	77 x 155	LP42G103ME1550***		
10000	0.2	17	11	18.3	77 x 178	LP42G103ME1780***		
	0.2	17	11	18.3	90 x 130	LP42G103MF1300***		
10000	0.2	17	11	18.3	90 x 157	LP42G103MF1570***		
	0.2	15	10	21.8	77 x 178	LP42G123ME1780***		
12000	0.2	15	10	21.8	90 x 157	LP42G123MF1570***		
	0.2	15	10	21.8	90 x 170	LP42G123MF1700***		
12000	0.2	15	10	21.8	90 x 196	LP42G123MF1960***		
	0.2	14	9	26.4	77 x 220	LP42G153ME2200***		
15000	0.2	14	9	26.4	90 x 170	LP42G153MF1700***		
	0.2	14	9	26.4	90 x 196	LP42G153MF1960***		
18000	0.2	12	8	28.6	77 x 250	LP42G183ME2500***		
	0.2	12	8	28.6	90 x 196	LP42G183MF1960***		
22000	0.2	11	7	30.3	90 x 236	LP42G223MF2360***		
25000	0.2	11	7	30.3	101 x 190	LP42G223MG1900***		
25000	0.2	9	6	32.8	90 x 250	LP42G253MF2500***		
25000	0.2	9	6	32.8	101 x 237	LP42G253MG2370***		

WV	CAP 25 °C, 120Hz	DF 25 °C, 120Hz	Max ESR 25 °C, 120Hz	ESR (typ.) 25 °C, 120Hz	Rated Ripple Current 85 °C, 120Hz	Size	Φ	Code P/N
(V.DC)	(µF)	-	(mΩ)	(mΩ)	(Arms)	(mm)	DxL	-
250 2E (300)	3300	0.25	35	23	5.4	51 x 100	LP42E332MC1000***	
	4700	0.25	26	17	7.1	64 x 105	LP42E472MD1050***	
	6800	0.25	18	12	9.1	64 x 115	LP42E682MD1150***	
		0.25	18	12	9.1	77 x 96	LP42E682ME0960***	
	8200	0.25	17	11	10.1	64 x 115	LP42E822MD1150***	
		0.25	17	11	10.1	77 x 105	LP42E822ME1050***	
	10000	0.25	14	9	11.7	64 x 120	LP42E103MD1200***	
		0.25	14	9	11.7	77 x 105	LP42E103ME1050***	
	15000	0.25	11	7	15.1	77 x 130	LP42E153ME1300***	
		0.25	11	7	15.1	77 x 155	LP42E153ME1550***	
	18000	0.25	9	6	17.7	77 x 155	LP42E183ME1550***	
		0.25	9	6	17.7	90 x 130	LP42E183MF1300***	
	22000	0.25	7	5	20.9	77 x 170	LP42E223ME1700***	
		0.25	7	5	20.9	90 x 157	LP42E223MF1570***	
	25000	0.25	7	5	21.5	77 x 190	LP42E253ME1900***	
		0.25	7	5	21.5	90 x 157	LP42E253MF1570***	
	27000	0.25	7	5	22.7	77 x 236	LP42E273ME2360***	
		0.25	7	5	22.7	90 x 157	LP42E273MF1570***	
	33000	0.25	6	4	23.9	77 x 250	LP42E333ME2500***	
		0.25	6	4	23.9	90 x 170	LP42E333MF1700***	
	39000	0.25	6	4	25.9	90 x 196	LP42E393MF1960***	
		0.25	6	4	25.9	101 x 155	LP42E393ME1550***	
	47000	0.25	5	3	27.8	90 x 250	LP42E473MF2500***	
		0.25	5	3	27.8	101 x 190	LP42E473MG1900***	
56000	0.25	5	3	29.6	101 x 250	LP42E563MG2500***		
1000	0.2	156	104	3.4	36 x 100	LP42W102MA1000***		
1500	0.2	108	72	4.3	51 x 80	LP42W152MC0800***		
1800	0.2	87	58	5.1	51 x 100	LP42W182MC1000***		
2200	0.2	72	48	5.7	51 x 100	LP42W222MC1000***		
2700	0.2	59	39	7.1	64 x 105	LP42W272MD1050***		
3300	0.2	48	32	7.9	64 x 105	LP42W332MD1050***		
3900	0.2	42	28	9.0	64 x 115	LP42W392MD1150***		
4700	0.2	38	25	10.3	64 x 130	LP42W472MD1300***		
5600	0.2	33	22	11.4	77 x 115	LP42W562ME1150***		
6800	0.2	26	17	13.1	77 x 130	LP42W682ME1300***		
8200	0.2	21	14	15.4	77 x 155	LP42W822ME1550***		
10000	0.2	18	12	18.1	90 x 157	LP42W103MF1570***		
12000	0.2	15	10	20.0	90 x 157	LP42W123MF1570***		
15000	0.2	12	8	24.5	90 x 196	LP42W153MF1960***		
	0.2	12	8	24.5	101 x 155	LP42W153MG1550***		
18000	0.2	11	7	28.8	90 x 170	LP42W183MF1700***		
22000	0.2	9	6	31.6	90 x 196	LP42W223MF1960***		
25000	0.2	9	6	33.1	90 x 220	LP42W253MF2200***		
27000	0.2	8	5	35.9	90 x 236	LP42W273MF2360***		
33000	0.2	8	5	37.7	101 x 250	LP42W333MG2500***		
450 2W (500)	470	0.2	300	200	2.2	36 x 80	LP42W471MA0800***	
	680	0.2	210	140	2.8	36 x 100	LP42W681MA1000***	
	820	0.2	144	96	3.2	51 x 80	LP42W821MC0800***	
	1000	0.2	123	82	3.5	51 x 80	LP42W102MC0800***	
	1200	0.2	108	72	4.2	51 x 100	LP42W122MC1000***	
	1500	0.2	87	58	5.1	51 x 100	LP42W152MC1000***	
		0.2	69	46	5.9	51 x 100	LP42W182MC1000***	
	1800	0.2	69	46	5.9	64 x 105	LP42W182MD1050***	
		0.2	55	39	6.3	64 x 105	LP42W222MD1050***	
	2200	0.2	55	39	6.3	77 x 96	LP42W222ME0960***	
		0.2	53	35	6.9	64 x 105	LP42W252MD1050***	
	2500	0.2	53	35	6.9	77 x 96	LP42W252ME0960***	
		0.2	50	33	7.3	64 x 105	LP42W272MD1050***	
	2700	0.2	50	33	7.3	77 x 96	LP42W272ME0960***	
		0.2	47	31	7.8	64 x 130	LP42W292MD1300***	
	2900	0.2	47	31	7.8	77 x 105	LP42W292ME1050***	
		0.2	45	30	8.7	64 x 115	LP42W332MD1150***	
	3300	0.2	45	30	8.7	77 x 105	LP42W332ME1050***	
		0.2	44	29	9.5	64 x 120	LP42W392MD1200***	
	3900	0.2	44	29	9.5	77 x 115	LP42W392ME1150***	
		0.2	44	29	9.5	77 x 145	LP42W392ME1450***	
	4700	0.2	36	24	11.2	77 x 115	LP42W472ME1150***	
		0.2	36	24	11.2	77 x 130	LP42W472ME1300***	
	4700	0.2	36	24	11.2	77 x 145	LP42W472ME1450***	
0.2		24	16	12.8	77 x 115	LP42W562ME1150***		
5600	0.2	24	16	12.8	77 x 145	LP42W562ME1450***		
	0.2	24	16	12.8				

WV	CAP 25 °C, 120Hz	DF 25 °C, 120Hz	Max ESR 25 °C, 120Hz	ESR (typ.) 25 °C, 120Hz	Rated Ripple Current 85 °C, 120Hz	Size	ΦD×L	Code P/N
(V.DC)	(μF)	-	(mΩ)	(mΩ)	(Arms)	(mm)		-
500 2H (550)	1000	0.2	128	85	4.6	51 x 80		LPA2H102MC080***
		0.2	128	85	4.6	51 x 100		LPA2H102MC100***
	1200	0.2	105	70	5.2	51 x 100		LPA2H122MC100***
		0.2	105	70	5.2	64 x 96		LPA2H122MD096***
	1500	0.2	90	60	5.7	51 x 100		LPA2H152MC100***
		0.2	90	60	5.7	64 x 96		LPA2H152MD096***
	1800	0.2	75	50	6.4	64 x 105		LPA2H182MD105***
		0.2	75	50	6.4	77 x 105		LPA2H182ME105***
	2200	0.2	62	41	6.9	64 x 130		LPA2H222MD130***
		0.2	62	41	6.9	77 x 105		LPA2H222ME105***
	2500	0.2	59	39	7.5	64 x 130		LPA2H252MD130***
		0.2	59	39	7.5	77 x 115		LPA2H222ME115***
	2700	0.2	54	36	8.1	64 x 130		LPA2H272MD130***
		0.2	54	36	8.1	77 x 115		LPA2H222ME115***
	3300	0.2	48	32	9.6	64 x 130		LPA2H332MD130***
		0.2	48	32	9.6	77 x 130		LPA2H332ME130***
	3900	0.2	45	30	10.8	64 x 130		LPA2H392MD130***
		0.2	45	30	10.8	77 x 130		LPA2H392ME130***
	4700	0.2	41	27	12.1	77 x 130		LPA2H472MD130***
		0.2	41	27	12.1	77 x 145		LPA2H472ME145***
	5600	0.2	32	21	13.8	77 x 155		LPA2H562ME155***
		0.2	32	21	13.8	90 x 157		LPA2H472MF157***
	6800	0.2	27	18	15.8	77 x 155		LPA2H682ME155***
		0.2	27	18	15.8	77 x 190		LPA2H682ME190***
	8200	0.2	27	18	15.8	90 x 157		LPA2H682MF157***
		0.2	27	18	15.8	90 x 170		LPA2H682MF170***
	10000	0.2	21	14	17.2	77 x 170		LPA2H822ME170***
		0.2	21	14	17.2	90 x 196		LPA2H822MF196***
	12000	0.2	18	12	22.1	90 x 170		LPA2H103MF170***
		0.2	18	12	22.1	90 x 236		LPS2H103MF236***
	15000	0.2	15	10	25.8	101 x 155		LPS2H103MG155***
		0.2	15	10	25.8	90 x 220		LPA2H123MF220***
	18000	0.2	15	10	25.8	90 x 236		LPS2H123MF236***
		0.2	15	10	25.8	101 x 190		LPA2H123MG190***
	15000	0.2	12	8	28.3	90 x 250		LPA2H153MF250***
		0.2	12	8	28.3	101 x 236		LPA2H153MG236***
	18000	0.2	11	7	31.6	101 x 250		LPA2H183MG250***

WV	CAP 25 °C, 120Hz	DF 25 °C, 120Hz	Max ESR 25 °C, 120Hz	ESR (typ.) 25 °C, 120Hz	Rated Ripple Current 85 °C, 120Hz	Size	Φ	Code P/N
(V.DC)	(μF)	-	(mΩ)	(mΩ)	(Arms)	(mm)		-
550 2Y (600)	680	0.2	279	186	2.8	51 x 80		LPA2Y681MC080***
		0.2	173	115	3.8	51 x 80		LPA2Y821MC080***
	820	0.2	173	115	3.8	51 x 100		LPA2Y821MC100***
		0.2	128	85	4.6	51 x 100		LPA2Y102MC100***
	1000	0.2	128	85	4.6	64 x 96		LPA2Y102MD096***
		0.2	105	70	5.2	51 x 100		LPA2Y122MC100***
	1200	0.2	105	70	5.2	64 x 96		LPA2Y122MD096***
		0.2	90	60	5.7	64 x 96		LPA2Y152MD096***
	1500	0.2	90	60	5.7	77 x 105		LPA2Y152ME105***
		0.2	75	50	6.4	64 x 105		LPA2Y182MD105***
	1800	0.2	75	50	6.4	77 x 105		LPA2Y182ME105***
		0.2	62	41	6.9	64 x 130		LPA2Y222MD130***
	2200	0.2	62	41	6.9	77 x 105		LPA2Y222ME105***
		0.2	59	39	7.5	64 x 130		LPA2Y252MD130***
	2500	0.2	59	39	7.5	77 x 115		LPA2Y222ME115***
		0.2	54	36	8.1	64 x 130		LPA2Y272MD130***
	2700	0.2	54	36	8.1	77 x 115		LPA2Y222ME115***
		0.2	48	32	9.6	77 x 115		LPA2Y332ME115***
	3300	0.2	48	32	9.6	77 x 130		LPA2Y332MD130***
		0.2	45	30	10.8	77 x 130		LPA2Y392MD130***
	3900	0.2	45	30	10.8	77 x 145		LPA2Y392ME145***
		0.2	41	27	12.1	77 x 145		LPA2Y472ME145***
	4700	0.2	41	27	12.1	77 x 155		LPA2Y472ME155***
		0.2	32	21	13.8	77 x 170		LPA2Y562ME170***
	5600	0.2	32	21	13.8	90 x 157		LPA2Y472MF157***
		0.2	27	18	15.8	77 x 190		LPA2Y682ME190***
	6800	0.2	27	18	15.8	77 x 196		LPA2Y682ME196***
		0.2	27	18	15.8	90 x 157		LPA2Y682MF157***
	8200	0.2	27	18	15.8	90 x 170		LPA2Y682MF170***
		0.2	21	14	17.2	77 x 220		LPA2Y822ME220***
	10000	0.2	21	14	17.2	90 x 196		LPA2Y822MF196***
		0.2	18	12	22.1	90 x 220		LPA2Y103MF220***
	12000	0.2	18	12	22.1	90 x 236		LPA2Y103MF236***
		0.2	18	12	22.1	101 x 170		LPA2Y103MG170***
	15000	0.2	12	8	25.8	90 x 250		LPA2Y123MF250***
		0.2	12	8	25.8	101 x 190		LPA2Y123MG190***
	18000	0.2	11	7	28.3	101 x 250		LPA2Y153MG250***

WV	CAP 25 °C, 120Hz	DF 25 °C, 120Hz	Max ESR 25 °C, 120Hz	ESR (typ.) 25 °C, 120Hz	Rated Ripple Current 85 °C, 120Hz	Size	ΦD×L	Code P/N
(V.DC)	(μF)	-	(mΩ)	(mΩ)	(Arms)	(mm)		-
600 2S (600)	680	0.2	375	250	3.1	51 x 100		LPA2S681MC100***
		0.2	195	130	3.8	51 x 100		LPA2S821MC100***
	820	0.2	195	130	3.8	64 x 96		LPA2S821MD096***
		0.2	128	85	4.6	64 x 96		LPA2S102MD096***
	1000	0.2	128	85	4.6	64 x 115		LPA2S102MD115***
		0.2	105	70	5.2	64 x 115		LPA2S122MD115***
	1200	0.2	105	70	5.2	77 x 105		LPA2S122MD105***
		0.2	90	60	5.7	64 x 130		LPA2S152MD130***
	1500	0.2	90	60	5.7	77 x 105		LPA2S152ME105***
		0.2	75	50	6.4	64 x 130		LPA2S182MD130***
	1800	0.2	75	50	6.4	77 x 115		LPA2S182ME115***
		0.2	62	41	6.9	64 x 130		LPA2S222MD130***
	2200	0.2	62	41	6.9	77 x 115		LPA2S222ME115***
		0.2	59	39	7.5	77 x 130		LPA2S252ME130***
	2500	0.2	59	39	7.5	77 x 145		LPA2S252ME145***
		0.2	54	36	8.1	77 x 145		LPA2S272ME145***
	2700	0.2	54	36	8.1	77 x 155		LPA2S272ME155***
		0.2	48	32	9.6	77 x 155		LPA2S332ME155***
	3300	0.2	48	32	9.6	77 x 170		LPA2S332ME170***
		0.2	45	30	10.8	77 x 170		LPA2S392ME170***
	3900	0.2	45	30	10.8	90 x 145		LPA2S392MF145***
		0.2	41	27	12.1	77 x 196		LPA2S472ME196***
	4700	0.2	41	27	12.1	90 x 157		LPA2S472MF157***
		0.2	32	21	13.8	77 x 220		LPA2S562ME220***
	5600	0.2	32	21	13.8	90 x 170		LPA2S562MF170***
		0.2	27	18	15.8	77 x 250		LPA2S682ME250***
	6800	0.2	27	18	15.8	90 x 196		LPA2S682MF196***
		0.2	27	18	15.8	101 x 155		LPA2S682MG155***
	8200	0.2	21	14	17.2	90 x 236		LPA2S822MF236***
		0.2	21	14	17.2	101 x 190		LPA2S822MG190***
	10000	0.2	18	12	22.1	90 x 250		LPA2S103MF250***
		0.2	18	12	22.1	101 x 236		LPA2S103MG236***
	12000	0.2	15	10	25.8	101 x 250		LPA2S123MG250***

\*\*\* Indicates terminal type, length, and sleeve color.

If you need to know more about product specifications, sizes and other relevant data, if not fully listed, you can contact through phone, wechat and other tools to understand.

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