

Screw terminal capacitor

Liron®

LPS Series (85°C for 2000 hours)



- RoHS requirements.
- 85°C 2000 hours series.
- Used for switching power supply, servo, frequency converter, air conditioning, filter circuit, laser spot welding machine, consumer electronics, printed circuit board.

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)	470~330000							
Tolerance(CAP/C)	±20% (25°C, 120Hz)							
Leakage current LC/I(25°C, 120Hz)	LC≤0.01CV(μA) 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 _R (V)	10~16	25~35	50	63	80~100	160~250	350~600
	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							

Load time	Working lifetime		Standard lifetime	Durability	High temperature storage
	4000h	>65000h	2000h	2000h	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
Applied current	IR	1.2×IR	IR	IR=0	IR=0
Application temperature	85°C	40°C	85°C	85°C	85°C

Apply rated working voltage for 60 minutes, and conduct the test after 24-hour recovery.

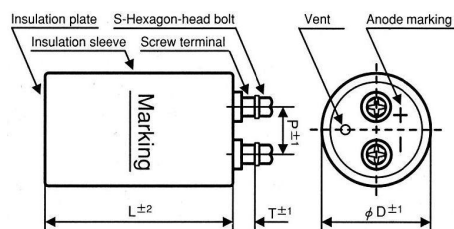
Ripple current correction factor

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	1.15
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

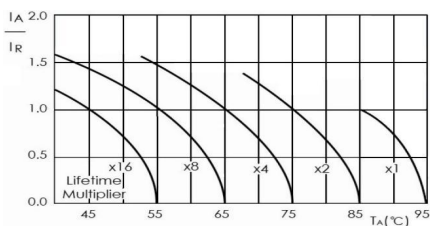


Capacitors with screw terminals series

ΦD±1	P±1	S±0.5	T±1	CAP
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_A: actual ripple current at 120Hz, I_R: rated ripple current at 120Hz 85°C

Life curve



■ LPS series : 85°C 2000 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 D×L	Code P/N	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 D×L	Code P/N
(V.DC)	(μF)	-	(mΩ)	(mΩ)	(Arms)	(mm)	-	(V.DC)	(μF)	-	(mΩ)	(mΩ)	(Arms)	(mm)	-
10 1A(13)	33000	0.8	33	22	4.5	36 x 50	LPS1A333MA050***	25 1E(32)	15000	0.5	33	22	3.7	36 x 50	LPS1E153MA050***
	39000	0.8	29	19	4.8	36 x 50	LPS1A393MA050***		18000	0.5	27	18	4.1	36 x 50	LPS1E183MA050***
	47000	0.8	23	15	5.2	36 x 70	LPS1A473MA070***		22000	0.5	24	16	4.5	36 x 50	LPS1E223MA050***
	56000	0.8	20	13	6.1	36 x 80	LPS1A563MA080***		27000	0.5	20	13	5.0	36 x 70	LPS1E273MA070***
	68000	0.8	15	10	6.8	36 x 80	LPS1A683MA080***		33000	0.5	17	11	5.9	36 x 80	LPS1E333MA080***
	82000	0.8	14	9	7.8	36 x 100	LPS1A823MA100***		39000	0.5	14	9	6.7	36 x 80	LPS1E393MA080***
	100000	0.8	12	8	8.8	36 x 100	LPS1A104MA100***		47000	0.5	12	8	7.7	36 x 100	LPS1E473MA100***
	120000	0.8	11	7	10.0	36 x 120	LPS1A124MA120***		56000	0.6	11	7	7.9	36 x 100	LPS1E563MA100***
	150000	1.0	11	7	10.8	36 x 120	LPS1A154MA120***		68000	0.6	9	6	9.1	36 x 120	LPS1E683MA120***
	180000	1.0	9	6	11.2	51 x 100	LPS1A184MC100***		82000	0.6	8	5	10.4	36 x 120	LPS1E823MA120***
	220000	1.5	8	5	12.1	51 x 100	LPS1A224MC100***		100000	0.8	6	4	10.3	51 x 100	LPS1E104MC100***
	270000	1.5	6	4	12.8	64 x 96	LPS1A274MD096***		120000	0.8	6	4	11.7	51 x 100	LPS1E124MC100***
	330000	1.5	6	4	15.3	64 x 105	LPS1A334MD105***		150000	0.8	5	3	14.1	64 x 105	LPS1E154MD105***
	390000	1.5	5	3	16.8	64 x 115	LPS1A394MD115***		180000	0.8	5	3	15.7	64 x 105	LPS1E184MD105***
	470000	2.0	5	3	17.3	64 x 130	LPS1A474MD130***		220000	1.0	5	3	16.1	64 x 115	LPS1E224MD115***
	560000	2.0	5	3	19.0	77 x 115	LPS1A564ME115***		270000	1.0	5	3	18.6	64 x 130	LPS1E274MD130***
	680000	2.0	5	3	21.8	77 x 130	LPS1A684ME130***		330000	1.0	3	2	21.9	77 x 105	LPS1E334ME105***
	820000	2.0	3	2	24.8	77 x 155	LPS1A824ME155***		390000	1.2	3	2	22.0	77 x 115	LPS1E394ME115***
	1000000	2.5	3	2	26.8	77 x 170	LPS1A105ME170***		470000	1.2	3	2	25.6	77 x 155	LPS1E474ME155***
	1200000	2.5	3	2	28.8	90 x 157	LPS1A125MF157***		560000	1.2	3	2	27.9	90 x 130	LPS1E564MF130***
1500000	2.5	3	2	31.8	90 x 170	LPS1A155MF170***	680000	1.2	3	2	32.5	90 x 157	LPS1E684MF157***		
2200000	0.6	33	22	4.1	36 x 50	LPS1C223MA050***	820000	1.2	3	2	35.2	90 x 170	LPS1E824MF170***		
16 1C(20)	27000	0.6	29	19	4.5	36 x 50	LPS1C273MA050***	35 1V(44)	10000	0.4	36	24	3.4	36 x 50	LPS1V103MA050***
	33000	0.6	24	16	5.0	36 x 50	LPS1C333MA050***		12000	0.4	30	20	3.7	36 x 50	LPS1V123MA050***
	39000	0.6	20	13	5.9	36 x 70	LPS1C393MA070***		15000	0.4	26	17	4.2	36 x 70	LPS1V153MA070***
	47000	0.6	17	11	6.4	36 x 80	LPS1C473MA080***		18000	0.4	21	14	4.9	36 x 80	LPS1V183MA080***
	56000	0.6	15	10	7.3	36 x 80	LPS1C563MA080***		22000	0.4	18	12	5.7	36 x 80	LPS1V223MA080***
	68000	0.6	12	8	8.4	36 x 100	LPS1C683MA100***		27000	0.4	14	9	6.3	36 x 100	LPS1V273MA100***
	82000	0.8	11	7	8.3	36 x 100	LPS1C823MA100***		33000	0.4	14	9	7.2	36 x 100	LPS1V333MA100***
	100000	0.8	9	6	9.5	36 x 120	LPS1C104MA120***		39000	0.5	12	8	7.3	36 x 120	LPS1V393MA120***
	120000	0.8	8	5	10.9	36 x 120	LPS1C124MA120***		47000	0.5	12	8	8.7	51 x 100	LPS1V473MC100***
	150000	1.0	6	4	11.3	51 x 100	LPS1C154MC100***		56000	0.6	12	8	8.6	51 x 100	LPS1V563MC100***
	180000	1.0	5	3	12.8	51 x 100	LPS1C184MC100***		68000	0.6	9	6	9.8	51 x 100	LPS1V683MC100***
	220000	1.0	5	3	15.3	64 x 105	LPS1C224MD105***		82000	0.6	8	5	11.6	64 x 105	LPS1V823MD105***
	270000	1.0	5	3	16.8	64 x 105	LPS1C274MD105***		100000	0.6	6	4	13.3	64 x 115	LPS1V104MD115***
	330000	1.5	5	3	17.6	64 x 115	LPS1C334MD115***		120000	0.6	6	4	14.8	64 x 120	LPS1V124MD120***
	390000	1.5	5	3	18.3	64 x 130	LPS1C394MD130***		150000	0.8	6	4	14.9	64 x 130	LPS1V154MD130***
	470000	1.5	3	2	21.3	77 x 115	LPS1C474ME115***		180000	0.8	5	3	17.0	77 x 115	LPS1V184ME115***
	560000	1.5	3	2	23.6	77 x 130	LPS1C564ME130***		220000	0.8	5	3	19.1	77 x 130	LPS1V224ME130***
	680000	1.5	3	2	25.6	77 x 155	LPS1C684ME155***		270000	1.0	5	3	20.3	77 x 155	LPS1V274ME155***
	820000	2.0	3	2	28.1	90 x 157	LPS1C824MF157***		330000	1.0	3	2	23.5	90 x 130	LPS1V334MF130***
	1000000	2.5	3	2	31.1	90 x 157	LPS1C105MF157***		390000	1.0	3	2	26.4	90 x 157	LPS1V394MF157***
1200000	2.5	3	2	33.2	90 x 157	LPS1C125MF157***	470000	1.0	3	2	29.6	90 x 157	LPS1V474MF157***		
1500000	2.5	3	2	35.9	90 x 170	LPS1C155MF170***	680000	1.0	3	2	32.1	90 x 170	LPS1V684MF170***		
1800000	2.5	3	2	38.1	90 x 196	LPS1C185MF196***	820000	1.0	3	2	35.2	90 x 196	LPS1V824MF196***		

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 DxL Φ	Code P/N	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 DxL Φ	Code P/N
(V.DC)	(µF)	-	(mΩ)	(mΩ)	(Arms)	(mm)	-	(V.DC)	(µF)	-	(mΩ)	(mΩ)	(Arms)	(mm)	-
50 1H (63)	5600	0.3	69	46	3.0	36 x 50	LPS1H562MA050***	80 1K (100)	3300	0.3	81	54	2.5	36 x 50	LPS1K332MA050***
	6800	0.3	57	38	3.3	36 x 50	LPS1H682MA050***		3900	0.3	69	46	2.8	36 x 50	LPS1K392MA050***
	8200	0.3	47	31	3.6	36 x 50	LPS1H822MA050***		4700	0.3	57	38	3.0	36 x 70	LPS1K472MA070***
	10000	0.3	39	26	4.0	36 x 70	LPS1H103MA070***		5600	0.3	48	32	3.6	36 x 80	LPS1K562MA080***
	12000	0.3	33	22	4.7	36 x 80	LPS1H123MA080***		6800	0.3	39	26	3.9	36 x 80	LPS1K682MA080***
	15000	0.3	23	15	5.5	36 x 80	LPS1H153MA080***		8200	0.3	33	22	4.5	36 x 80	LPS1K822MA080***
	18000	0.3	18	12	6.2	36 x 100	LPS1H183MA100***		10000	0.3	26	17	5.2	36 x 100	LPS1K103MA100***
	22000	0.4	17	11	6.3	36 x 120	LPS1H223MA120***		12000	0.3	23	15	5.9	36 x 100	LPS1K123MA100***
	27000	0.4	15	10	7.1	36 x 120	LPS1H273MA120***		15000	0.3	18	12	6.8	36 x 120	LPS1K153MA120***
	33000	0.4	14	9	7.8	51 x 100	LPS1H333MC100***		18000	0.3	15	10	7.8	36 x 120	LPS1K183MA120***
	39000	0.5	12	8	8.4	51 x 100	LPS1H393MC100***		22000	0.3	15	10	8.0	51 x 100	LPS1K223MC100***
	47000	0.5	12	8	9.3	51 x 100	LPS1H473MC100***		27000	0.3	12	8	9.2	51 x 100	LPS1K273MC100***
	56000	0.5	9	6	10.5	64 x 105	LPS1H563MD105***		33000	0.3	11	7	10.5	51 x 100	LPS1K333MC100***
	68000	0.5	8	5	12.0	64 x 105	LPS1H683MD105***		39000	0.3	9	6	12.0	64 x 105	LPS1K393MD105***
	82000	0.5	6	4	13.7	64 x 115	LPS1H823MD115***		47000	0.3	8	5	13.1	64 x 115	LPS1K473MD115***
	100000	0.6	6	4	14.7	77 x 115	LPS1H104ME115***		56000	0.4	6	4	13.9	64 x 130	LPS1K563MD130***
	120000	0.6	5	3	16.7	77 x 115	LPS1H124ME115***		68000	0.4	6	4	15.4	77 x 115	LPS1K683ME115***
	150000	0.6	5	3	19.3	77 x 130	LPS1H154ME130***		82000	0.4	6	4	17.5	77 x 130	LPS1K823ME130***
	180000	0.6	5	3	21.9	77 x 155	LPS1H184ME155***		100000	0.4	6	3	20.5	77 x 155	LPS1K104ME155***
	220000	0.6	3	2	24.4	90 x 130	LPS1H224MF130***		120000	0.4	5	2	22.4	90 x 130	LPS1K124MF130***
270000	0.6	3	2	24.6	90 x 157	LPS1H274MF157***	150000	0.4	5	2	26.5	90 x 157	LPS1K154MF157***		
330000	0.6	3	2	26.6	90 x 170	LPS1H334MF170***	180000	0.4	5	2	28.8	90 x 170	LPS1K184MF170***		
63 1J (79)	3900	0.3	71	47	2.7	36 x 50	LPS1J392MA050***	100 2A (125)	1800	0.25	72	48	1.9	36 x 50	LPS2A182MA050***
	4700	0.3	77	51	3.0	36 x 50	LPS1J472MA050***		2200	0.25	66	44	2.1	36 x 50	LPS2A222MA050***
	5600	0.3	57	38	3.3	36 x 50	LPS1J562MA050***		2700	0.25	59	39	2.3	36 x 50	LPS2A272MA050***
	6800	0.3	48	32	3.6	36 x 70	LPS1J682MA070***		3300	0.25	53	35	2.6	36 x 70	LPS2A332MA070***
	8200	0.3	39	26	4.3	36 x 80	LPS1J822MA080***		3900	0.25	42	28	3.0	36 x 80	LPS2A392MA080***
	10000	0.3	35	23	4.9	36 x 80	LPS1J103MA080***		4700	0.25	39	26	3.5	36 x 80	LPS2A472MA080***
	12000	0.3	27	18	5.6	36 x 100	LPS1J123MA100***		5600	0.25	35	23	3.9	36 x 100	LPS2A562MA100***
	15000	0.3	24	16	5.9	36 x 100	LPS1J153MA100***		6800	0.25	33	22	4.5	36 x 100	LPS2A682MA100***
	18000	0.3	23	15	6.7	36 x 120	LPS1J183MA120***		8200	0.25	30	20	5.1	36 x 120	LPS2A822MA120***
	22000	0.3	20	13	7.4	36 x 120	LPS1J223MA120***		10000	0.25	29	19	5.9	36 x 120	LPS2A103MA120***
	27000	0.4	18	12	7.8	51 x 100	LPS1J273MC100***		12000	0.25	24	16	6.4	51 x 80	LPS2A123MC080***
	33000	0.4	12	8	8.4	51 x 100	LPS1J333MC100***		15000	0.25	18	12	7.0	51 x 100	LPS2A153MC100***
	39000	0.4	11	7	9.5	51 x 100	LPS1J393MC100***		18000	0.25	15	10	8.3	51 x 100	LPS2A183MC100***
	47000	0.4	9	6	11.3	64 x 105	LPS1J473MD105***		22000	0.25	12	8	10.0	64 x 105	LPS2A223MD105***
	56000	0.4	9	6	12.7	64 x 115	LPS1J563MD115***		27000	0.25	11	7	11.5	64 x 115	LPS2A273MD115***
	68000	0.5	8	5	13.1	64 x 120	LPS1J683MD120***		33000	0.25	11	6	11.9	64 x 130	LPS2A333MD130***
	82000	0.5	6	4	14.5	64 x 130	LPS1J823MD130***		39000	0.25	10	5	13.4	77 x 115	LPS2A393ME115***
	100000	0.5	6	4	16.7	77 x 115	LPS1J104ME115***		47000	0.35	10	5	14.2	77 x 130	LPS2A473ME130***
	120000	0.5	5	3	18.9	77 x 130	LPS1J124ME130***		56000	0.35	8	4	16.0	77 x 155	LPS2A563ME155***
	150000	0.5	3	2	22.4	77 x 155	LPS1J154ME155***		68000	0.35	6	3	18.8	90 x 130	LPS2A683MF130***
180000	0.6	3	2	24.4	90 x 130	LPS1J184MF130***	82000	0.35	6	3	20.5	90 x 157	LPS2A823MF157***		
220000	0.6	3	2	26.2	90 x 157	LPS1J224MF157***	100000	0.35	6	3	23.6	90 x 170	LPS2A104MF170***		
250000	0.6	3	2	28.9	90 x 170	LPS1J254MF170***	120000	0.35	6	3	25.8	90 x 196	LPS2A124MF196***		

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 DxL Φ	Code P/N	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 DxL Φ	Code P/N
(V.DC)	(µF)	-	(mΩ)	(mΩ)	(Arms)	(mm)	-	(V.DC)	(µF)	-	(mΩ)	(mΩ)	(Arms)	(mm)	-
160 2C (200)	3300	0.25	47	31	5.2	36 x 120	LPS2C332MA120***	250 2E (300)	3300	0.25	35	23	5.4	51 x 100	LPS2E332MC100***
	4700	0.25	32	21	5.9	51 x 80	LPS2C472MC080***		4700	0.25	26	17	7.1	64 x 105	LPS2E472MD105***
	5600	0.25	29	19	7.0	51 x 100	LPS2C562MC100***		6800	0.25	18	12	9.1	64 x 115	LPS2E682MD115***
	6800	0.25	24	16	7.8	51 x 100	LPS2C682MC100***			0.25	18	12	9.1	77 x 96	LPS2E682ME096***
	10000	0.25	20	13	10.4	64 x 105	LPS2C103MD105***		8200	0.25	17	11	10.1	64 x 115	LPS2E822MD115***
	12000	0.25	15	10	11.3	64 x 105	LPS2C123MD105***			0.25	17	11	10.1	77 x 105	LPS2E822ME105***
	15000	0.25	14	9	14.3	64 x 130	LPS2C153MD130***		10000	0.25	14	9	11.7	64 x 120	LPS2E103MD120***
		0.25	12	8	14.3	77 x 105	LPS2C153ME105***			0.25	14	9	11.7	77 x 105	LPS2E103ME105***
	18000	0.25	12	8	15.6	64 x 130	LPS2C183MD130***		15000	0.25	11	7	15.1	77 x 130	LPS2E153ME130***
		0.25	12	8	15.6	77 x 115	LPS2C183ME115***			0.25	11	7	15.1	77 x 155	LPS2E153ME155***
	22000	0.25	9	6	18.3	77 x 130	LPS2C223ME130***		18000	0.25	9	6	17.7	77 x 155	LPS2E183ME155***
		0.25	9	6	18.3	90 x 105	LPS2C223MF105***			0.25	9	6	17.7	90 x 130	LPS2E183MF130***
	25000	0.25	9	6	19.6	77 x 130	LPS2C253MF130***		22000	0.25	7	5	20.9	77 x 170	LPS2E223MF170***
		0.25	9	6	19.6	90 x 105	LPS2C253MF105***			0.25	7	5	20.9	90 x 157	LPS2E223MF157***
	27000	0.25	9	6	21.5	77 x 155	LPS2C273ME155***		25000	0.25	7	5	21.5	77 x 190	LPS2E253ME190***
		0.25	9	6	21.5	90 x 130	LPS2C273MF130***			0.25	7	5	21.5	90 x 157	LPS2E253MF157***
	33000	0.25	8	5	23.8	90 x 130	LPS2C333MF130***		27000	0.25	7	5	22.7	77 x 236	LPS2E273ME236***
		0.25	8	5	23.8	90 x 157	LPS2C333MF157***			0.25	7	5	22.7	90 x 157	LPS2E273MF157***
	39000	0.25	6	4	27.9	90 x 157	LPS2C393MF157***		33000	0.25	6	4	23.9	77 x 250	LPS2E333ME250***
		0.25	6	4	27.9	101 x 155	LPS2C333MG155***			0.25	6	4	23.9	90 x 170	LPS2E333MF170***
	47000	0.25	5	3	31.1	90 x 170	LPS2C473MF170***		39000	0.25	6	4	25.9	90 x 196	LPS2E393MF196***
		0.25	5	3	31.1	101 x 155	LPS2C473MG155***			0.25	6	4	25.9	101 x 155	LPS2E393MG155***
	56000	0.25	5	3	33.6	90 x 196	LPS2C563MF196***		47000	0.25	5	3	27.8	90 x 250	LPS2E473MF250***
	68000	0.25	5	3	36.5	90 x 220	LPS2C683MF220***		0.25	5	3	27.8	101 x 190	LPS2E473MG190***	
82000	0.25	5	3	39.1	90 x 250	LPS2C823MF250***	56000	0.25	5	3	29.6	101 x 250	LPS2E563MG250***		
100000	0.25	5	3	42.3	101 x 250	LPS2C104MG250***	1000	0.20	156	104	3.4	36 x 100	LPS2V102MA100***		
200 2D (250)	2200	0.25	57	38	3.9	36 x 100	LPS2D222MA100***	350 2V (400)	1500	0.20	108	72	4.3	51 x 80	LPS2V152MC080***
	3300	0.25	36	24	4.9	51 x 80	LPS2D332MC080***		1800	0.20	87	58	5.1	51 x 100	LPS2V182MC100***
	4700	0.25	30	20	6.4	51 x 100	LPS2D472MC100***		2200	0.20	72	48	5.7	51 x 100	LPS2V222MC100***
	5600	0.25	27	18	7.6	51 x 100	LPS2D562MC100***		2700	0.20	59	39	7.1	64 x 105	LPS2V272MD105***
	6800	0.25	21	14	8.8	51 x 130	LPS2D682MC130***		3300	0.20	48	32	7.9	64 x 105	LPS2V332MD105***
	8200	0.25	17	11	9.4	64 x 105	LPS2D822MD105***		3900	0.20	42	28	9.0	64 x 115	LPS2V392MD115***
	10000	0.25	14	9	10.4	64 x 105	LPS2D103MD105***		4700	0.20	38	25	10.3	64 x 130	LPS2V472MD130***
		0.25	14	9	10.4	77 x 96	LPS2D822ME096***		5600	0.20	33	22	11.4	77 x 115	LPS2V562ME115***
	15000	0.25	11	7	14.4	77 x 105	LPS2D153ME105***		6800	0.20	26	17	13.1	77 x 130	LPS2V682ME130***
		0.25	11	7	14.4	77 x 115	LPS2D153ME115***		8200	0.20	21	14	15.4	77 x 155	LPS2V822ME155***
	18000	0.25	9	6	16.5	77 x 130	LPS2D183ME130***		10000	0.20	18	12	18.1	90 x 157	LPS2V103MF157***
		0.25	9	6	16.5	77 x 155	LPS2D183ME155***		12000	0.20	15	10	20.0	90 x 157	LPS2V123MF157***
	22000	0.25	8	5	19.6	77 x 155	LPS2D223ME155***		15000	0.20	12	8	24.5	90 x 196	LPS2V153MF196***
		0.25	8	5	19.6	90 x 130	LPS2D223MF130***			0.20	12	8	24.5	101 x 155	LPS2V153MG155***
	33000	0.25	6	4	25.3	77 x 220	LPS2D333ME220***		18000	0.20	11	7	28.8	90 x 170	LPS2V183MF170***
		0.25	6	4	25.3	90 x 250	LPS2D333MF157***		22000	0.20	9	6	31.6	90 x 196	LPS2V223MF196***
	47000	0.25	5	3	27.6	90 x 250	LPS2D473MF250***		25000	0.20	9	6	33.1	90 x 220	LPS2V253MF220***
		0.25	5	3	27.6	101 x 190	LPS2D473MG190***		27000	0.20	8	5	35.9	90 x 236	LPS2V273MF236***
	56000	0.25	5	3	29.8	101 x 250	LPS2D563MG250***		33000	0.20	8	5	37.7	101 x 250	LPS2V333MG250***

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 DxL Ø	Code P/N
(V.DC)	(µF)	-	(mΩ)	(mΩ)	(Arms)	(mm)	-
400 2G (450)	1000	0.20	123	82	3.5	51 x 80	LPS2G102MC080***
	1200	0.20	102	68	3.8	51 x 80	LPS2G122MC080***
	1500	0.20	87	58	4.7	51 x 80	LPS2G152MC080***
	1800	0.20	71	47	5.2	51 x 100	LPS2G182MC100***
	2200	0.20	60	40	6.4	51 x 100	LPS2G222MC100***
	2500	0.20	54	36	6.7	51 x 100	LPS2G252MC100***
		0.20	54	36	6.7	64 x 105	LPS2G252MD105***
	2700	0.20	50	33	7.1	51 x 100	LPS2G272MC100***
		0.20	50	33	7.1	64 x 105	LPS2G272MD105***
	3300	0.20	47	31	8.2	64 x 105	LPS2G332MD105***
		0.20	47	31	8.2	64 x 115	LPS2G332MD115***
	3900	0.20	38	25	9.4	64 x 115	LPS2G392MD115***
		0.20	38	25	9.4	77 x 96	LPS2G392ME096***
	4700	0.20	36	24	10.5	64 x 120	LPS2G472MD120***
		0.20	36	24	10.5	64 x 135	LPS2G472MD135***
		0.20	36	24	10.5	77 x 115	LPS2G472ME115***
	5600	0.20	29	19	12.0	64 x 130	LPS2G562MD130***
		0.20	29	19	12.0	77 x 115	LPS2G562ME115***
		0.20	29	19	12.0	77 x 130	LPS2G562ME130***
	6800	0.20	24	16	14.1	77 x 130	LPS2G682ME130***
		0.20	24	16	14.1	77 x 143	LPS2G682ME143***
		0.20	24	16	14.1	77 x 155	LPS2G682ME155***
	7400	0.20	23	15	15.5	77 x 130	LPS2G742ME130***
		0.20	23	15	15.5	77 x 155	LPS2G742ME155***
	8200	0.20	21	14	16.5	77 x 145	LPS2G822ME145***
		0.20	21	14	16.5	77 x 155	LPS2G822ME155***
		0.20	21	14	16.5	90 x 130	LPS2G822MF130***
		0.20	21	14	16.5	90 x 157	LPS2G822MF157***
	10000	0.20	17	11	18.3	77 x 155	LPS2G103ME155***
		0.20	17	11	18.3	77 x 178	LPS2G103ME178***
		0.20	17	11	18.3	90 x 130	LPS2G103MF130***
		0.20	17	11	18.3	90 x 157	LPS2G103MF157***
	12000	0.20	15	10	21.8	77 x 178	LPS2G123ME178***
		0.20	15	10	21.8	90 x 157	LPS2G123MF157***
		0.20	15	10	21.8	90 x 170	LPS2G123MF170***
	15000	0.20	15	10	21.8	90 x 196	LPS2G123MF196***
		0.20	14	9	26.4	77 x 220	LPS2G153ME220***
		0.20	14	9	26.4	90 x 170	LPS2G153MF170***
	18000	0.20	14	9	26.4	90 x 196	LPS2G153MF196***
		0.20	12	8	28.6	77 x 250	LPS2G183ME250***
0.20		12	8	28.6	90 x 196	LPS2G183MF196***	
22000	0.20	11	7	30.3	90 x 236	LPS2G223MF236***	
	0.20	11	7	30.3	101 x 190	LPS2G223MG190***	
25000	0.20	9	6	32.8	90 x 250	LPS2G253MF250***	
	0.20	9	6	32.8	101 x 236	LPS2G253MG236***	

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 DxL Ø	Code P/N
(V.DC)	(µF)	-	(mΩ)	(mΩ)	(Arms)	(mm)	-
450 2W (500)	470	0.20	300	200	2.2	36 x 80	LPS2W471MA080***
	680	0.20	210	140	2.8	36 x 100	LPS2W681MA100***
	820	0.20	144	96	3.2	51 x 80	LPS2W821MC080***
	1000	0.20	123	82	3.5	51 x 80	LPS2W102MC080***
	1200	0.20	108	72	4.2	51 x 100	LPS2W122MC100***
	1500	0.20	87	58	5.1	51 x 100	LPS2W152MC100***
	1800	0.20	69	46	5.9	51 x 100	LPS2W182MC100***
		0.20	69	46	5.9	64 x 105	LPS2W182MD105***
	2200	0.20	55	39	6.3	64 x 105	LPS2W222MD105***
		0.20	55	39	6.3	77 x 96	LPS2W222ME096***
	2500	0.20	53	35	6.9	64 x 105	LPS2W252MD105***
		0.20	53	35	6.9	77 x 96	LPS2W252ME096***
	2700	0.20	50	33	7.3	64 x 105	LPS2W272MD105***
		0.20	50	33	7.3	77 x 96	LPS2W272ME096***
	2900	0.20	47	31	7.8	64 x 130	LPS2W292MD130***
		0.20	47	31	7.8	77 x 105	LPS2W292ME105***
	3300	0.20	45	30	8.7	64 x 115	LPS2W332MD115***
		0.20	45	30	8.7	77 x 105	LPS2W332ME105***
	3900	0.20	44	29	9.5	64 x 120	LPS2W392MD120***
		0.20	44	29	9.5	77 x 115	LPS2W392ME115***
		0.20	44	29	9.5	77 x 145	LPS2W392ME145***
	4700	0.20	36	24	11.2	77 x 115	LPS2W472ME115***
		0.20	36	24	11.2	77 x 130	LPS2W472ME130***
		0.20	36	24	11.2	77 x 145	LPS2W472ME145***
	5600	0.20	24	16	12.8	77 x 115	LPS2W562ME115***
		0.20	24	16	12.8	77 x 145	LPS2W562ME145***
		0.20	24	16	12.8	77 x 155	LPS2W562ME155***
	6800	0.20	21	14	15.1	77 x 155	LPS2W682ME155***
		0.20	21	14	15.1	90 x 157	LPS2W682MF157***
	7500	0.20	20	13	15.8	77 x 145	LPS2W752ME145***
		0.20	20	13	15.8	77 x 155	LPS2W752ME155***
	8200	0.20	18	12	16.5	77 x 155	LPS2W822ME155***
		0.20	18	12	16.5	90 x 157	LPS2W562MF157***
	10000	0.20	15	10	20.2	77 x 190	LPS2W103ME190***
		0.20	15	10	20.2	90 x 157	LPS2W103MF157***
		0.20	15	10	20.2	90 x 196	LPS2W103MF196***
	12000	0.20	12	8	23.6	90 x 196	LPS2W123MF196***
		0.20	12	8	23.6	90 x 236	LPS2W123MF236***
	15000	0.20	12	8	25.1	90 x 250	LPS2W153MF250***
		0.20	12	8	25.1	101 x 190	LPS2W153MG190***
18000	0.20	12	8	27.3	90 x 250	LPS2W183MF250***	
	0.20	12	8	27.3	101 x 190	LPS2W183MG190***	
20000	0.20	12	8	28.5	90 x 220	LPS2W203MF220***	
	0.20	12	8	28.5	101 x 190	LPS2W203MG190***	
22000	0.20	12	8	30.8	101 x 250	LPS2W223MG250***	

WV	CAP	DF	Max	ESR	Rated	Size	DxL	Φ	Code P/N
	25 °C, 120Hz	25 °C, 120Hz	ESR 25 °C, 120Hz	(typ.) 25 °C, 120Hz	Ripple Current 85 °C, 120Hz				
(V.DC)	(μF)	-	(mΩ)	(mΩ)	(Arms)	(mm)			-
500 2H (550)	1000	0.20	128	85	4.6	51 x 80	LPS2H102MC080***		
		0.20	128	85	4.6	51 x 100	LPS2H102MC100***		
	1200	0.20	105	70	5.2	51 x 100	LPS2H122MC100***		
		0.20	105	70	5.2	64 x 96	LPS2H122MD096***		
	1500	0.20	90	60	5.7	51 x 100	LPS2H152MC100***		
		0.20	90	60	5.7	64 x 96	LPS2H152MD096***		
	1800	0.20	75	50	6.4	64 x 105	LPS2H182MD105***		
		0.20	75	50	6.4	77 x 105	LPS2H182ME105***		
	2200	0.20	62	41	6.9	64 x 130	LPS2H222MD130***		
		0.20	62	41	6.9	77 x 105	LPS2H222ME105***		
	2500	0.20	59	39	7.5	64 x 130	LPS2H252MD130***		
		0.20	59	39	7.5	77 x 115	LPS2H222ME115***		
	2700	0.20	54	36	8.1	64 x 130	LPS2H272MD130***		
		0.20	54	36	8.1	77 x 115	LPS2H222ME115***		
	3300	0.20	48	32	9.6	64 x 130	LPS2H332MD130***		
		0.20	48	32	9.6	77 x 130	LPS2H332ME130***		
	3900	0.20	45	30	10.8	64 x 130	LPS2H392MD130***		
		0.20	45	30	10.8	77 x 130	LPS2H392ME130***		
	4700	0.20	41	27	12.1	77 x 130	LPS2H472ME130***		
		0.20	41	27	12.1	77 x 145	LPS2H472ME145***		
	5600	0.20	32	21	13.8	77 x 155	LPS2H562ME155***		
		0.20	32	21	13.8	90 x 157	LPS2H472MF157***		
	6800	0.20	27	18	15.8	77 x 155	LPS2H682ME155***		
		0.20	27	18	15.8	77 x 190	LPS2H682ME190***		
		0.20	27	18	15.8	90 x 157	LPS2H682MF157***		
		0.20	27	18	15.8	90 x 170	LPS2H682MF170***		
	8200	0.20	21	14	17.2	77 x 170	LPS2H822ME170***		
		0.20	21	14	17.2	90 x 196	LPS2H822MF196***		
	10000	0.20	18	12	22.1	90 x 170	LPS2H103MF170***		
		0.20	18	12	22.1	90 x 236	LPS2H103MF236***		
		0.20	18	12	22.1	101 x 155	LPS2H103MG155***		
	12000	0.20	15	10	25.8	90 x 220	LPS2H123MF220***		
		0.20	15	10	25.8	90 x 236	LPS2H123MF236***		
		0.20	15	10	25.8	101 x 190	LPS2H123MG190***		
	15000	0.20	12	8	28.3	90 x 250	LPS2H153MF250***		
		0.20	12	8	28.3	101 x 236	LPS2H153MG236***		
	18000	0.20	11	7	31.6	101 x 250	LPS2H183MG250***		

WV	CAP	DF	Max	ESR	Rated	Size	DxL	Φ	Code P/N
	25 °C, 120Hz	25 °C, 120Hz	ESR 25 °C, 120Hz	(typ.) 25 °C, 120Hz	Ripple Current 85 °C, 120Hz				
(V.DC)	(μF)	-	(mΩ)	(mΩ)	(Arms)	(mm)			-
550 2Y (600)	680	0.20	279	186	2.8	51 x 80	LPS2Y681MC080***		
		0.20	173	115	3.8	51 x 80	LPS2Y821MC080***		
	820	0.20	173	115	3.8	51 x 100	LPS2Y821MC100***		
		0.20	128	85	4.6	51 x 100	LPS2Y102MC100***		
	1000	0.20	128	85	4.6	64 x 96	LPS2Y102MD096***		
		0.20	105	70	5.2	51 x 100	LPS2Y122MC100***		
	1200	0.20	105	70	5.2	64 x 96	LPS2Y122MD096***		
		0.20	90	60	5.7	64 x 96	LPS2Y152MD096***		
	1500	0.20	90	60	5.7	77 x 105	LPS2Y152ME105***		
		0.20	75	50	6.4	64 x 105	LPS2Y182MD105***		
	1800	0.20	75	50	6.4	77 x 105	LPS2Y182ME105***		
		0.20	62	41	6.9	64 x 130	LPS2Y222MD130***		
	2200	0.20	62	41	6.9	77 x 105	LPS2Y222ME105***		
		0.20	59	39	7.5	64 x 130	LPS2Y252MD130***		
	2500	0.20	59	39	7.5	77 x 115	LPS2Y222ME115***		
		0.20	54	36	8.1	64 x 130	LPS2Y272MD130***		
	2700	0.20	54	36	8.1	77 x 115	LPS2Y222ME115***		
		0.20	48	32	9.6	77 x 115	LPS2Y332ME115***		
	3300	0.20	48	32	9.6	77 x 130	LPS2Y332ME130***		
		0.20	45	30	10.8	77 x 130	LPS2Y392ME130***		
	3900	0.20	45	30	10.8	77 x 145	LPS2Y392ME145***		
		0.20	41	27	12.1	77 x 145	LPS2Y472ME145***		
	4700	0.20	41	27	12.1	77 x 155	LPS2Y472ME155***		
		0.20	32	21	13.8	77 x 170	LPS2Y562ME170***		
	5600	0.20	32	21	13.8	90 x 157	LPS2Y472MF157***		
		0.20	27	18	15.8	77 x 190	LPS2Y682ME190***		
	6800	0.20	27	18	15.8	77 x 196	LPS2Y682ME196***		
		0.20	27	18	15.8	90 x 157	LPS2Y682MF157***		
	8200	0.20	21	14	17.2	77 x 170	LPS2Y822ME170***		
		0.20	21	14	17.2	90 x 196	LPS2Y822MF196***		
		0.20	18	12	22.1	90 x 220	LPS2Y103MF220***		
	10000	0.20	18	12	22.1	90 x 236	LPS2Y103MF236***		
		0.20	18	12	22.1	101 x 170	LPS2Y103MG170***		
		0.20	12	8	25.8	90 x 250	LPS2Y123MF250***		
	12000	0.20	12	8	25.8	101 x 190	LPS2Y123MG190***		
		0.20	11	7	28.3	101 x 250	LPS2Y153MG250***		

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 DxL Ø	Code P/N
(V.DC)	(µF)	-	(mΩ)	(mΩ)	(Arms)	(mm)	-
600 25 (600)	680	0.20	375	250	3.1	51 x 100	LPS2S681MC100****
	820	0.20	195	130	3.8	51 x 100	LPS2S821MC100****
		0.20	195	130	3.8	64 x 96	LPS2S821MD096****
	1000	0.20	128	85	4.6	64 x 96	LPS2S102MD096****
		0.20	128	85	4.6	64 x 115	LPS2S102MD115****
	1200	0.20	105	70	5.2	64 x 115	LPS2S122MD115****
		0.20	105	70	5.2	77 x 105	LPS2S122ME105****
	1500	0.20	90	60	5.7	64 x 130	LPS2S152MD130****
		0.20	90	60	5.7	77 x 105	LPS2S152ME105****
	1800	0.20	75	50	6.4	64 x 130	LPS2S182MD130****
		0.20	75	50	6.4	77 x 115	LPS2S182ME115****
	2200	0.20	62	41	6.9	64 x 130	LPS2S222MD130****
		0.20	62	41	6.9	77 x 115	LPS2S222ME115****
	2500	0.20	59	39	7.5	77 x 130	LPS2S252ME130****
		0.20	59	39	7.5	77 x 145	LPS2S252ME145****
	2700	0.20	54	36	8.1	77 x 145	LPS2S272ME145****
		0.20	54	36	8.1	77 x 155	LPS2S272ME155****
	3300	0.20	48	32	9.6	77 x 155	LPS2S332ME155****
		0.20	48	32	9.6	77 x 170	LPS2S332ME170****
	3900	0.20	45	30	10.8	77 x 170	LPS2S392ME170****
		0.20	45	30	10.8	90 x 145	LPS2S392MF145****
	4700	0.20	41	27	12.1	77 x 196	LPS2S472ME196****
		0.20	41	27	12.1	90 x 157	LPS2S472MF157****
	5600	0.20	32	21	13.8	77 x 220	LPS2S562ME220****
		0.20	32	21	13.8	90 x 170	LPS2S562MF170****
	6800	0.20	27	18	15.8	77 x 250	LPS2S682ME250****
		0.20	27	18	15.8	90 x 196	LPS2S682MF196****
		0.20	27	18	15.8	101 x 155	LPS2S682MG155****
	8200	0.20	21	14	17.2	90 x 236	LPS2S822MF236****
		0.20	21	14	17.2	101 x 190	LPS2S822MG190****
	10000	0.20	18	12	22.1	90 x 250	LPS2S103MF250****
		0.20	18	12	22.1	101 x 236	LPS2S103MG236****
	12000	0.20	15	10	25.8	101 x 250	LPS2S123MG250****

**** 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.

The content recorded in the catalog book may be changed without notification. Your company is requested to require us to provide specifications when purchasing and using, and use it as the standard.