

■ LP LP Series Aluminum Electrolytic Capacitor

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◆ Feature

- * : 85°C 105°C 2000
Load life: 85°C 105°C 2000 hours.
- * Smaller size.
- * RoHS
Compliant to the RoHS Directive.

◆ Application

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- * Ideally suited for switching po

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◆ Part Number

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Code	Type
8	Product

Code	Voltage
LB	10
LC	16
LD	25
LE	35
LF	50
MB	160
MC	200
MD	250
MF	350
VA	400
VB	450
VC	500
VD	525

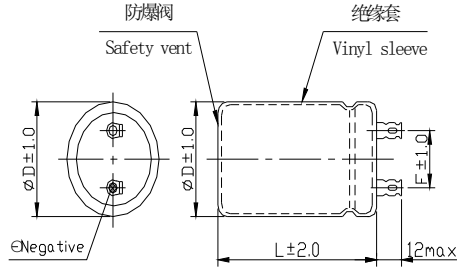
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Code	Nominal Capacitance
221	220uF
471	470uF
472	4700uF
682	6800uF



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Product Structure


$D \pm 1.0$ mm	25	30	35
$L \pm 2.0$ mm	25 50	30 60	30 60
$F \pm 1.0$ (mm)	10.0	10.0	10.0
$L1 \pm 2.0$ max(mm)	12	12	12

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Main specifications

Item	Performance Characteristics	
Rated Voltage Range	10~100V.DC	160~450V.DC
Operating Temperature Range	-40 ~+85	-25 ~+85
Nominal Capacitance Range	3300~82000 F	270~2700 F
Capacitance Tolerance	$\pm 20\%$ M +25°C 120Hz	
Leakage Current (25°C)	(V)	10~450
	Rated working voltage	
	Leakage current	5 I 3 CV (μ A) After 5 min. I 3 CV (μ A)
	C	μ F Nominal Capacitance in μ F
	V	V Rated working voltage in V
DF Dissipation Factor	额定工作电压(V) 10 16 25 35 50 63 80 100 160~250 350~450 Rated working voltage	
Surge Voltage		

Temperature StV

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Dimensions and ripple current

WV/V Cap/μF	10		16		25		35		50		63		80		100		
	(1)	(2)	(1)	(2)	(1)	(2)	(1)	(2)	(1)	(2)	(1)	(2)	(1)	(2)	(1)	(2)	
1200																25×30	2.10
1500																25×35 30×30	2.40
1800													25×25	2.20	25×35	2.70	
2200											22×30 25×25	2.30	25×30	2.50	25×40 30×35	3.20	
2700											22×35 25×30	2.50	25×35 30×30	2.90	25×45 30×35	3.60	
3300									25×25	2.4	25×35	2.60	25×45 30×35	3.20	30×45 35×40	4.00	
3900									25×30	2.7							

WV V Cap/μF	160		200			350		400		450	
	(1)	(2)	(1)	(2)	(1)	(1)	(2)	(1)	(2)	(1)	(2)
100										25x25	0.90
120								25x25	1.08	25x30	1.00
150						25x25	1.10	25x35	1.20	25x35 30x30	1.10
180						25x30	1.30	25x35	1.30	25x40 30x30	1.30
220					25x25	25x35	1.40	25x40 30x35	1.50	25x45 30x35	1.50
270					25x30	25x40 30x35	1.60	25x40 30x35	1.70	25x50 30x40 35x35	1.80
330			25x25	1.40	25x30	25x40 30x35	1.80	25x50 30x40	1.90	30x45 35x35	2.00
390	25x30	1.50	25x30	1.60	25x35	25x45 30x35	2.10	30x40 35x35	2.10	30x50 35x40	2.20
470	25x30	1.70	25x30	1.80	25x40 30x35	25x40 30x35	2.40	30x50 35x40	2.40	35x40 35x45	1.50 2.50
560	25x30	2.00	25x35	2.00	25x40 30x35	25x45 30x35	2.60	35x45	2.70	35x50 35x60	1.5 3.10
680	25x40	2.20	25x40 30x30	2.30	25x45 30x40	25x40	3.00	35x50	2.90	35x50	1.60
820	25x40 30x35	2.50	25x40 30x35	2.60	25x50 30x40	25x50 30x40	3.30	35x60	2.20	35x60	2.2
1000	25x45 30x35	2.80	25x50 30x40	3.00	30x50 35x40	30x50 35x40	3.50				
1200	25x50 30x40	3.20	25x50 30x40 35x35	3.40	30x50 35x40	30x50 35x40					
1500	30x45 35x40	3.70	30x50 35x40	3.90	35x50	35x50					
1800	30x50 35x40	4.10	35x45 30x50	4.30	35x50	35x50					
2200	35x45	4.70	35x50	5.00							
2700	35x50	5.30									

(1) Case Size DxL(mm)

(2) Max allowable ripple current (A) (at 100Hz/20Hz)

◆ Packaging

Size	Case	Separator	Outside Box	/ Pcs/Case	/ () Pcs/Case
22X25 30		F-224	B-4	7	945
22X35 40		F-225	B-4	6	810
22X45 50	D35	F-226	B-4	5	675
25X25 30	D35-4	F-254	B-4	7	735
25X35 40	D35-53	F-255	B-4	6	630
25X45 50	D35-63	F-256	B-4	5	525

