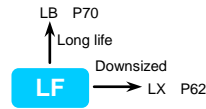




LF SERIES

- 85°C Standard
- Endurance with ripple current: 2000 hours at 85°C
- Rated voltage range: 16V-700V

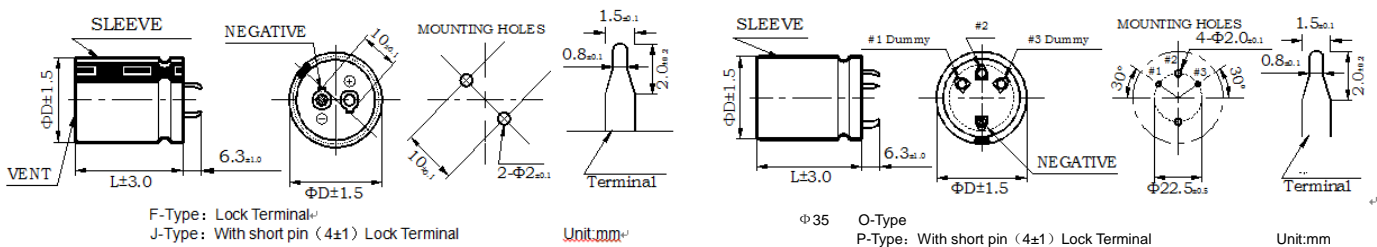


规格表 SPECIFICATIONS

Items	Characteristics										
Operating Temperature Range	-40~+85°C	-25~+85°C									
Rated Working Voltage Range	16~100V	160~700V									
Capacitance Tolerance	±20% (20°C, 120Hz)										
Dissipation Factor (MAX) 20°C, 120Hz	U _R (V)	16	25	35	50	63	80	100	160~315	350~400	450~700
	tanδ	0.50	0.45	0.40	0.35	0.30	0.25	0.20	0.15	0.18	0.20
Impedance Ratio (MAX) 120Hz	U _R (V)	16~100		160~200		250	315	350~400	450~700		
	Z _{25°C} /Z _{+20°C}	4		3		4	7	7	8		
	Z _{40°C} /Z _{+20°C}	18									
Leakage Current (MAX)	I=0.01C _R U _R or 1.5mA whichever is minimum. (at 20°C. After 5 minutes application of rated voltage) I=Leakage Current (μA) U _R =Rated Voltage (V) C _R =Rated Capacitance (μF)										

	Useful Life		Load Life	Endurance Test	Shelf Life
Life Time	4000h	>65000h	2000h	2000h	1000h
Leakage Current	≤ Specified value		≤ Specified value	≤ Specified value	≤ Specified value
Tgδ Change	≤300% of specified value		≤200% of specified value	≤200% of specified value	≤200% of specified value
Capacitance Change	Within±30% of initial value		Within±20% of initial value	Within±20% of initial value	Within±20% of initial value
Condition Applied Voltage Applied Ripple Current Applied Temperature Failure Rate Level	U _R I _R 85°C ≤1% Failure rate	U _R 1.2×I _R 40°C ≤1% Failure rate	U _R I _R 85°C 0%	U _R I _R =0 85°C 0%	U _R =0 I _R =0 85°C 0% Back up to 20 °C and placed more than 24 hours. U _R to be applied for 60 min before measurement.

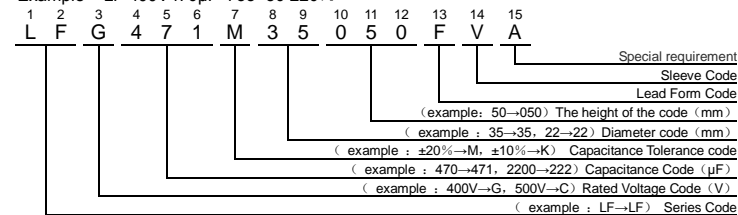
- ◆ Dimensions
- Terminal Code



● Please consult to us for the terminal type not displayed in content.

◆ PART NUMBER SYSTEM

- Example LF 400V470μF Φ35×50 ±20%



◆ Rated Ripple Current Multiplies

● Frequency coefficient

(v) Rated voltage	Frequency (Hz)	50 (60)	100 (120)	300	1k	≥10k
16~50VV		0.90	1.00	1.05	1.10	1.15
63~100VV		0.85	1.00	1.17	1.32	1.45
160~700VV		0.80	1.00	1.16	1.30	1.41

● Temperature coefficient

(v) Rated voltage	Temperature (°C)	+40	+55	+70	+85
16~100VV		2.1	1.8	1.5	1.0
160~700VV		1.7	1.5	1.3	1.0



LF SERIES

◆ Standard Ratings

WV _{dc} (Surge Voltage) (V)	Cap (μF)	Size DxL (mm)	tanδ 20℃120Hz	Ripple Current 85℃120Hz (Arms)	Catalog Part Number
16 (20)	8200	22x25	0.50	2.20	LFV822M22025□VA
	10000	22x30	0.50	2.60	LFV103M22030□VA
	10000	25x25	0.50	2.60	LFV103M25025□VA
	12000	22x35	0.50	2.90	LFV123M22035□VA
	15000	22x40	0.50	3.30	LFV153M22040□VA
	15000	25x30	0.50	3.30	LFV153M25030□VA
	15000	30x25	0.50	3.40	LFV153M30025□VA
	18000	22x45	0.50	3.80	LFV183M22045□VA
	18000	25x35	0.50	3.70	LFV183M25035□VA
	18000	30x30	0.50	4.00	LFV183M30030□VA
	22000	22x50	0.50	4.20	LFV223M22050□VA
	22000	25x40	0.50	4.20	LFV223M25040□VA
	22000	30x30	0.50	4.20	LFV223M30030□VA
	22000	35x25	0.50	4.40	LFV223M35025□VA
	27000	25x45	0.50	5.00	LFV273M25045□VA
	27000	30x35	0.50	5.00	LFV273M30035□VA
	27000	35x30	0.50	5.20	LFV273M35030□VA
	33000	30x40	0.50	5.60	LFV333M30040□VA
	33000	35x30	0.50	5.60	LFV333M35030□VA
	39000	30x45	0.50	6.20	LFV393M30045□VA
39000	35x35	0.50	6.30	LFV393M35035□VA	
47000	30x50	0.50	7.00	LFV473M30050□VA	
47000	35x40	0.50	7.20	LFV473M35040□VA	
56000	30x60	0.50	8.20	LFV563M30060□VA	
56000	35x45	0.50	8.00	LFV563M35045□VA	
68000	35x60	0.50	9.60	LFV683M35060□VA	
25 (32)	5600	22x25	0.45	2.00	LFU562M22025□VA
	6800	22x30	0.45	2.30	LFU682M22030□VA
	6800	25x25	0.45	2.30	LFU682M25025□VA
	8200	22x35	0.45	2.60	LFU822M22035□VA
	8200	25x30	0.45	2.60	LFU822M25030□VA
	8200	30x25	0.45	2.60	LFU822M30025□VA
	10000	22x40	0.45	2.90	LFU103M22040□VA
	10000	25x30	0.45	2.80	LFU103M25030□VA
	10000	30x25	0.45	3.00	LFU103M30025□VA
	12000	22x45	0.45	3.30	LFU123M22045□VA
	12000	25x35	0.45	3.20	LFU123M25035□VA
	12000	30x30	0.45	3.40	LFU123M30030□VA
	12000	35x25	0.45	3.30	LFU123M35025□VA
	15000	22x50	0.45	3.70	LFU153M22050□VA
	15000	25x40	0.45	3.70	LFU153M25040□VA
	15000	30x35	0.45	3.70	LFU153M30035□VA
	15000	35x25	0.45	3.90	LFU153M35025□VA
	18000	25x50	0.45	4.30	LFU183M25050□VA
	18000	30x35	0.45	4.20	LFU183M30035□VA
	18000	35x30	0.45	4.40	LFU183M35030□VA
22000	30x40	0.45	4.80	LFU223M30040□VA	
22000	35x35	0.45	5.00	LFU223M35035□VA	
27000	30x50	0.45	5.70	LFU273M30050□VA	
27000	35x40	0.45	5.70	LFU273M35040□VA	
33000	30x60	0.45	6.40	LFU333M30060□VA	
33000	35x40	0.45	6.50	LFU333M35040□VA	
39000	35x45	0.45	7.50	LFU393M35045□VA	
47000	35x45	0.45	8.20	LFU473M35045□VA	
35 (44)	3300	22x25	0.40	1.80	LFT332M22025□VA
	3900	22x30	0.40	2.10	LFT392M22030□VA
	3900	25x25	0.40	2.10	LFT392M25025□VA
	4700	22x35	0.40	2.20	LFT472M22035□VA

WV _{dc} (Surge Voltage) (V)	Cap (μF)	Size DxL (mm)	tanδ 20℃120Hz	Ripple Current 85℃120Hz (Arms)	Catalog Part Number
35 (44)	4700	25x25	0.40	2.20	LFT472M25025□VA
	5600	22x35	0.40	2.30	LFT562M22035□VA
	5600	25x30	0.40	2.30	LFT562M25030□VA
	5600	30x25	0.40	2.30	LFT562M30025□VA
	6800	22x40	0.40	2.90	LFT682M22040□VA
	6800	25x35	0.40	2.60	LFT682M25035□VA
	6800	30x25	0.40	2.70	LFT682M30025□VA
	8200	22x50	0.40	2.80	LFT822M22050□VA
	8200	25x40	0.40	2.80	LFT822M25040□VA
	8200	30x30	0.40	2.80	LFT822M30030□VA
	8200	35x25	0.40	2.90	LFT822M35025□VA
	10000	22x50	0.40	3.10	LFT103M22050□VA
	10000	25x45	0.40	3.10	LFT103M25045□VA
	10000	30x35	0.40	3.20	LFT103M30035□VA
	10000	35x25	0.40	3.10	LFT103M35025□VA
	12000	25x50	0.40	3.50	LFT123M25050□VA
	12000	30x40	0.40	3.50	LFT123M30040□VA
	12000	35x30	0.40	3.60	LFT123M35030□VA
	15000	25x50	0.40	4.10	LFT153M25050□VA
	15000	30x45	0.40	4.10	LFT153M30045□VA
15000	35x35	0.40	4.10	LFT153M35035□VA	
18000	30x50	0.40	4.60	LFT183M30050□VA	
18000	35x40	0.40	4.70	LFT183M35040□VA	
22000	35x45	0.40	5.30	LFT223M35045□VA	
27000	35x50	0.40	7.00	LFT273M35050□VA	
33000	35x60	0.40	8.30	LFT333M35060□VA	
50 (63)	2200	22x25	0.35	1.70	LFR222M22025□VA
	2700	22x30	0.35	1.90	LFR272M22030□VA
	2700	25x25	0.35	1.90	LFR272M25025□VA
	3300	22x35	0.35	2.00	LFR332M22035□VA
	3300	25x30	0.35	2.00	LFR332M25030□VA
	3300	30x25	0.35	2.00	LFR332M30025□VA
	3900	22x40	0.35	2.10	LFR392M22040□VA
	3900	25x30	0.35	2.10	LFR392M25030□VA
	3900	30x25	0.35	2.10	LFR392M30025□VA
	4700	22x45	0.35	2.40	LFR472M22045□VA
	4700	25x35	0.35	2.40	LFR472M25035□VA
	4700	30x30	0.35	2.40	LFR472M30030□VA
	4700	35x25	0.35	2.40	LFR472M35025□VA
	5600	22x50	0.35	2.50	LFR562M22050□VA
	5600	25x40	0.35	2.50	LFR562M25040□VA
	5600	30x30	0.35	2.50	LFR562M30030□VA
	5600	35x25	0.35	2.60	LFR562M35025□VA
	6800	25x45	0.35	2.80	LFR682M25045□VA
	6800	30x35	0.35	2.80	LFR682M30035□VA
	6800	35x30	0.35	2.80	LFR682M35030□VA
8200	25x50	0.35	3.20	LFR822M25050□VA	
8200	30x40	0.35	3.20	LFR822M30040□VA	
8200	35x30	0.35	3.20	LFR822M35030□VA	
10000	30x45	0.35	3.40	LFR103M30045□VA	
10000	35x35	0.35	3.40	LFR103M35035□VA	
12000	30x50	0.35	3.80	LFR123M30050□VA	
12000	35x40	0.35	3.80	LFR123M35040□VA	
15000	30x60	0.35	4.50	LFR153M30060□VA	
15000	35x45	0.35	4.50	LFR153M35045□VA	
18000	35x50	0.35	4.50	LFR183M35050□VA	
22000	35x60	0.35	5.40	LFR223M35060□VA	

*□Enter the appropriate terminal code



LF SERIES

◆ Standard Ratings

WV _{DC} (Surge Voltage) (V)	Cap (μF)	Size DxL (mm)	tanδ 20℃120Hz	Ripple Current 85℃120Hz (Arms)	Catalog Part Number
63 (79)	1500	22x25	0.30	1.60	LFQ152M22025□VA
	1800	22x30	0.30	1.80	LFQ182M22030□VA
	1800	25x25	0.30	1.80	LFQ182M25025□VA
	2200	22x30	0.30	2.00	LFQ222M22030□VA
	2200	25x25	0.30	2.00	LFQ222M25025□VA
	2700	22x35	0.30	2.20	LFQ272M22035□VA
	2700	25x30	0.30	2.30	LFQ272M25030□VA
	2700	30x25	0.30	2.30	LFQ272M30025□VA
	3300	22x40	0.30	2.30	LFQ332M22040□VA
	3300	25x35	0.30	2.30	LFQ332M25035□VA
	3300	30x25	0.30	2.30	LFQ332M30025□VA
	3900	22x45	0.30	2.50	LFQ392M22045□VA
	3900	25x40	0.30	2.60	LFQ392M25040□VA
	3900	30x30	0.30	2.60	LFQ392M30030□VA
	3900	35x25	0.30	2.60	LFQ392M35025□VA
	4700	22x50	0.30	2.70	LFQ472M22050□VA
	4700	25x40	0.30	2.70	LFQ472M25040□VA
	4700	30x30	0.30	2.70	LFQ472M30030□VA
	4700	35x25	0.30	2.70	LFQ472M35025□VA
	5600	25x45	0.30	3.10	LFQ562M25045□VA
	5600	30x35	0.30	3.20	LFQ562M30035□VA
	5600	35x30	0.30	3.30	LFQ562M35030□VA
	6800	30x40	0.30	3.60	LFQ682M30040□VA
6800	35x35	0.30	3.70	LFQ682M35035□VA	
8200	30x50	0.30	3.70	LFQ822M30050□VA	
8200	35x40	0.30	3.80	LFQ822M35040□VA	
10000	30x50	0.30	4.30	LFQ103M30050□VA	
10000	35x40	0.30	4.30	LFQ103M35040□VA	
12000	35x50	0.30	4.80	LFQ123M35050□VA	
15000	35x60	0.30	5.80	LFQ153M35060□VA	
80 (100)	1000	22x25	0.25	1.30	LFP102M22025□VA
	1200	22x30	0.25	1.50	LFP122M22030□VA
	1500	22x30	0.25	1.70	LFP152M22030□VA
	1500	25x25	0.25	1.70	LFP152M25025□VA
	1800	22x35	0.25	1.90	LFP182M22035□VA
	1800	25x30	0.25	1.90	LFP182M25030□VA
	1800	30x25	0.25	1.90	LFP182M30025□VA
	2200	22x40	0.25	2.10	LFP222M22040□VA
	2200	25x35	0.25	2.20	LFP222M25035□VA
	2200	30x25	0.25	2.20	LFP222M30025□VA
	2700	22x50	0.25	2.50	LFP272M22050□VA
	2700	25x40	0.25	2.50	LFP272M25040□VA
	2700	30x30	0.25	2.50	LFP272M30030□VA
	2700	35x25	0.25	2.50	LFP272M35025□VA
	3300	25x45	0.25	2.80	LFP332M25045□VA
	3300	30x35	0.25	2.80	LFP332M30035□VA
	3300	35x30	0.25	2.80	LFP332M35030□VA
	3900	25x50	0.25	3.10	LFP392M25050□VA
	3900	30x40	0.25	3.20	LFP392M30040□VA
	3900	35x30	0.25	3.20	LFP392M35030□VA
	4700	30x45	0.25	3.60	LFP472M30045□VA
	4700	35x35	0.25	3.60	LFP472M35035□VA
	5600	30x50	0.25	3.90	LFP562M30050□VA
5600	35x40	0.25	3.90	LFP562M35040□VA	
6800	30x50	0.25	4.00	LFP682M30050□VA	
6800	35x45	0.25	4.00	LFP682M35045□VA	
8200	35x50	0.25	4.50	LFP682M35050□VA	
10000	35x60	0.25	5.30	LFP103M35060□VA	

WV _{DC} (Surge Voltage) (V)	Cap (μF)	Size DxL (mm)	tanδ 20℃120Hz	Ripple Current 85℃120Hz (Arms)	Catalog Part Number
100 (125)	680	22x25	0.20	1.10	LFO681M22025□VA
	820	22x30	0.20	1.20	LFO821M22030□VA
	820	25x25	0.20	1.20	LFO821M25025□VA
	1000	22x35	0.20	1.30	LFO102M22035□VA
	1000	25x30	0.20	1.40	LFO102M25030□VA
	1000	30x25	0.20	1.40	LFO102M30025□VA
	1200	22x40	0.20	1.60	LFO122M22040□VA
	1200	25x30	0.20	1.60	LFO122M25030□VA
	1200	30x25	0.20	1.70	LFO122M30025□VA
	1500	22x45	0.20	1.80	LFO152M22045□VA
	1500	25x35	0.20	1.70	LFO152M25035□VA
	1500	30x30	0.20	1.80	LFO152M30030□VA
	1500	35x25	0.20	1.90	LFO152M35025□VA
	1800	22x50	0.20	2.10	LFO182M22050□VA
	1800	25x40	0.20	2.00	LFO182M25040□VA
	1800	30x30	0.20	2.10	LFO182M30030□VA
	1800	35x25	0.20	2.20	LFO182M35025□VA
	2200	25x45	0.20	2.20	LFO222M25045□VA
	2200	30x35	0.20	2.30	LFO222M30035□VA
	2200	35x30	0.20	2.50	LFO222M35030□VA
	2700	25x50	0.20	2.60	LFO272M25050□VA
	2700	30x40	0.20	2.70	LFO272M30040□VA
	2700	35x35	0.20	2.80	LFO272M35035□VA
3300	30x50	0.20	3.00	LFO332M30050□VA	
3300	35x35	0.20	3.10	LFO332M35035□VA	
3900	30x50	0.20	3.40	LFO392M30050□VA	
3900	35x40	0.20	3.40	LFO392M35040□VA	
4700	30x60	0.20	3.90	LFO472M30060□VA	
4700	35x50	0.20	4.00	LFO472M35050□VA	
5600	35x50	0.20	4.30	LFO562M35050□VA	
6800	35x60	0.20	5.20	LFO682M35060□VA	
160 (200)	270	22x25	0.15	1.20	LFN271M22025□VA
	330	22x30	0.15	1.30	LFN331M22030□VA
	330	25x25	0.15	1.30	LFN331M25025□VA
	390	22x35	0.15	1.50	LFN391M22035□VA
	390	25x30	0.15	1.50	LFN391M25030□VA
	390	30x25	0.15	1.50	LFN391M30025□VA
	470	22x40	0.15	1.60	LFN471M22040□VA
	470	25x30	0.15	1.60	LFN471M25030□VA
	470	30x25	0.15	1.60	LFN471M30025□VA
	560	22x40	0.15	1.90	LFN561M22040□VA
	560	25x35	0.15	1.90	LFN561M25035□VA
	560	30x30	0.15	1.90	LFN561M30030□VA
	560	35x25	0.15	1.90	LFN561M35025□VA
	680	22x45	0.15	2.10	LFN681M22045□VA
	680	25x40	0.15	2.10	LFN681M25040□VA
	680	30x30	0.15	2.10	LFN681M30030□VA
	680	35x25	0.15	2.10	LFN681M35025□VA
	820	22x50	0.15	2.50	LFN821M22050□VA
	820	25x45	0.15	2.40	LFN821M25045□VA
	820	30x35	0.15	2.50	LFN821M30035□VA
	820	35x25	0.15	2.40	LFN821M35025□VA
	1000	25x50	0.15	2.80	LFN102M25050□VA
	1000	30x40	0.15	2.80	LFN102M30040□VA
1000	35x30	0.15	2.80	LFN102M35030□VA	
1200	25x50	0.15	3.10	LFN122M25050□VA	
1200	30x45	0.15	3.20	LFN122M30045□VA	
1200	35x35	0.15	3.00	LFN122M35035□VA	

*□Enter the appropriate terminal code



LF SERIES

◆ Standard Ratings

WV _{DC} (Surge Voltage) (V)	Cap (μ F)	Size DxL (mm)	$\tan\delta$ 20°C/120Hz	Ripple Current 85°C/120Hz (Arms)	Catalog Part Number
160 (200)	1500	30x50	0.15	3.70	LFN152M30050□VA
	1500	35x40	0.15	3.60	LFN152M35040□VA
	1800	30x60	0.15	4.30	LFN182M30060□VA
	1800	35x45	0.15	3.90	LFN182M35045□VA
	2200	35x50	0.15	4.50	LFN222M35050□VA
	2700	35x60	0.15	5.20	LFN272M35060□VA
	3900	35x80	0.15	5.80	LFN392M35080□VA
	4700	40x80	0.15	7.10	LFN472M40080□VA
	5600	40x90	0.15	8.10	LFN562M40090□VA
200 (250)	220	22x25	0.15	1.10	LFL221M22025□VA
	270	22x30	0.15	1.20	LFL271M22030□VA
	270	25x25	0.15	1.30	LFL271M25025□VA
	330	22x30	0.15	1.40	LFL331M22030□VA
	330	25x25	0.15	1.40	LFL331M25025□VA
	390	22x35	0.15	1.50	LFL391M22035□VA
	390	25x30	0.15	1.60	LFL391M25030□VA
	390	30x25	0.15	1.50	LFL391M30025□VA
	470	22x40	0.15	1.80	LFL471M22040□VA
	470	25x35	0.15	1.80	LFL471M25035□VA
	470	30x25	0.15	1.90	LFL471M30025□VA
	560	22x45	0.15	2.00	LFL561M22045□VA
	560	25x35	0.15	2.00	LFL561M25035□VA
	560	30x30	0.15	2.10	LFL561M30030□VA
	560	35x25	0.15	2.00	LFL561M35025□VA
	680	22x50	0.15	2.20	LFL681M22050□VA
	680	25x40	0.15	2.30	LFL681M25040□VA
	680	30x35	0.15	2.40	LFL681M30035□VA
	680	35x25	0.15	2.40	LFL681M35025□VA
	820	25x50	0.15	2.60	LFL821M25050□VA
	820	30x40	0.15	2.70	LFL821M30040□VA
	820	35x30	0.15	2.50	LFL821M35030□VA
	1000	25x50	0.15	2.80	LFL102M25050□VA
	1000	30x45	0.15	3.10	LFL102M30045□VA
	1000	35x35	0.15	2.80	LFL102M35035□VA
	1200	25x60	0.15	3.40	LFL122M25060□VA
	1200	30x50	0.15	3.40	LFL122M30050□VA
1200	35x40	0.15	3.20	LFL122M35040□VA	
1500	30x50	0.15	3.80	LFL152M30050□VA	
1500	35x40	0.15	3.60	LFL152M35040□VA	
1800	30x60	0.15	4.50	LFL182M30060□VA	
1800	35x45	0.15	4.10	LFL182M35045□VA	
2200	35x50	0.15	4.70	LFL222M35050□VA	
2700	35x60	0.15	5.00	LFL272M35060□VA	
2700	40x60	0.15	5.40	LFL272M40060□VA	
3300	35x80	0.15	6.00	LFL332M35080□VA	
3300	40x60	0.15	5.90	LFL332M40060□VA	
3900	40x80	0.15	7.00	LFL392M40080□VA	
4700	40x90	0.15	8.40	LFL472M40090□VA	
250 (300)	150	22x25	0.15	0.90	LFJ151M22025□VA
	180	22x30	0.15	0.90	LFJ181M22030□VA
	180	25x25	0.15	1.01	LFJ181M25025□VA
	220	22x35	0.15	1.10	LFJ221M22035□VA
	220	25x30	0.15	1.19	LFJ221M25030□VA
	270	22x40	0.15	1.28	LFJ271M22040□VA
	270	25x30	0.15	1.32	LFJ271M25030□VA
	270	30x25	0.15	1.35	LFJ271M30025□VA
	330	22x45	0.15	1.50	LFJ331M22045□VA
	330	25x35	0.15	1.56	LFJ331M25035□VA

WV _{DC} (Surge Voltage) (V)	Cap (μ F)	Size DxL (mm)	$\tan\delta$ 20°C/120Hz	Ripple Current 85°C/120Hz (Arms)	Catalog Part Number
250 (300)	330	30x30	0.15	1.60	LFJ331M30030□VA
	330	35x25	0.15	1.62	LFJ331M35025□VA
	390	22x50	0.15	1.60	LFJ391M22050□VA
	390	25x40	0.15	1.69	LFJ391M25040□VA
	390	30x30	0.15	1.73	LFJ391M30030□VA
	390	35x25	0.15	1.77	LFJ391M35025□VA
	470	25x45	0.15	1.96	LFJ471M25045□VA
	470	30x35	0.15	2.02	LFJ471M30035□VA
	470	35x25	0.15	2.06	LFJ471M35025□VA
	560	30x40	0.15	2.20	LFJ561M30040□VA
	560	35x30	0.15	2.25	LFJ561M35030□VA
	680	30x40	0.15	2.30	LFJ681M30040□VA
	680	35x30	0.15	2.60	LFJ681M35030□VA
	820	30x50	0.15	2.95	LFJ821M30050□VA
	820	35x40	0.15	3.03	LFJ821M35040□VA
	1000	30x50	0.15	3.00	LFJ102M30050□VA
	1000	35x45	0.15	3.15	LFJ102M35045□VA
	1200	35x50	0.15	3.60	LFJ122M35050□VA
	1500	35x50	0.15	4.00	LFJ152M35050□VA
	1800	35x60	0.15	4.70	LFJ182M35060□VA
	2200	35x70	0.15	5.20	LFJ222M35070□VA
	2700	40x80	0.15	6.50	LFJ272M40080□VA
	3300	40x90	0.15	7.70	LFJ332M40090□VA
	3900	40x100	0.15	8.40	LFJ392M40100□VA
	3900	45x80	0.15	8.30	LFJ392M45080□VA
	4700	45x100	0.15	9.60	LFJ472M45100□VA
	4700	50x80	0.15	9.20	LFJ472M50080□VA
315 (365)	100	22x25	0.15	0.68	LF1101M22025□VA
	120	22x30	0.15	0.82	LF1121M22030□VA
	150	22x30	0.15	0.86	LF1151M22030□VA
	150	25x25	0.15	0.89	LF1151M25025□VA
	180	22x35	0.15	0.96	LF1181M22035□VA
	180	25x30	0.15	0.98	LF1181M25030□VA
	180	30x25	0.15	1.00	LF1181M30025□VA
	220	22x40	0.15	1.12	LF1221M22040□VA
	220	25x35	0.15	1.15	LF1221M25035□VA
	220	30x25	0.15	1.18	LF1221M30025□VA
	270	22x45	0.15	1.30	LF1271M22045□VA
	270	25x40	0.15	1.40	LF1271M25040□VA
	270	30x30	0.15	1.45	LF1271M30030□VA
	270	35x25	0.15	1.49	LF1271M35025□VA
	330	25x45	0.15	1.52	LF1331M25045□VA
	330	30x35	0.15	1.55	LF1331M30035□VA
	330	35x30	0.15	1.58	LF1331M35030□VA
	390	25x50	0.15	1.63	LF1391M25050□VA
	390	30x40	0.15	1.66	LF1391M30040□VA
	390	35x30	0.15	1.69	LF1391M35030□VA
	470	30x45	0.15	1.95	LF1471M30045□VA
	470	35x35	0.15	1.99	LF1471M35035□VA
	560	30x50	0.15	2.13	LF1561M30050□VA
	560	35x40	0.15	2.16	LF1561M35040□VA
	680	30x60	0.15	2.55	LF1681M30060□VA
	680	35x45	0.15	2.40	LF1681M35045□VA
	820	35x50	0.15	2.70	LF1821M35050□VA
1000	35x60	0.15	3.30	LF1102M35060□VA	
1200	35x60	0.15	3.60	LF1122M35060□VA	
1500	35x70	0.15	4.40	LF1152M35070□VA	
1800	35x80	0.15	5.15	LF1182M35080□VA	

*□Enter the appropriate terminal code



LF SERIES

◆ Standard Ratings

WV _{DC} (Surge Voltage) (V)	Cap (μF)	Size DxL (mm)	tanδ 20℃120Hz	Ripple Current 85℃120Hz (Arms)	Catalog Part Number
315 (365)	2200	35x100	0.15	6.00	LF1222M35100□VA
	2200	40x80	0.15	5.80	LF1222M40080□VA
	2700	45x80	0.15	6.90	LF1272M45080□VA
	3300	45x90	0.15	8.10	LF1332M45090□VA
	3300	50x80	0.15	8.20	LF1332M50080□VA
350 (400)	82	22x25	0.18	0.64	LFH820M22025□VA
	100	22x25	0.18	0.80	LFH101M22025□VA
	120	22x30	0.18	0.85	LFH121M22030□VA
	120	25x25	0.18	0.83	LFH121M25025□VA
	150	22x35	0.18	0.95	LFH151M22035□VA
	150	25x30	0.18	0.98	LFH151M25030□VA
	150	30x25	0.18	0.96	LFH151M30025□VA
	180	22x40	0.18	1.12	LFH181M22040□VA
	180	25x30	0.18	1.15	LFH181M25030□VA
	180	30x25	0.18	1.13	LFH181M30025□VA
	220	22x45	0.18	1.30	LFH221M22045□VA
	220	25x35	0.18	1.35	LFH221M25035□VA
	220	30x30	0.18	1.33	LFH221M30030□VA
	220	35x25	0.18	1.31	LFH221M35025□VA
	270	22x50	0.18	1.50	LFH271M22050□VA
	270	25x45	0.18	1.64	LFH271M25045□VA
	270	30x35	0.18	1.65	LFH271M30035□VA
	270	35x25	0.18	1.61	LFH271M35025□VA
	330	25x50	0.18	1.75	LFH331M25050□VA
	330	30x40	0.18	1.73	LFH331M30040□VA
	330	35x30	0.18	1.70	LFH331M35030□VA
	390	30x45	0.18	1.90	LFH391M30045□VA
	390	35x35	0.18	1.92	LFH391M35035□VA
	470	30x50	0.18	2.12	LFH471M30050□VA
	470	35x40	0.18	2.10	LFH471M35040□VA
	560	30x50	0.18	2.43	LFH561M30050□VA
	560	35x45	0.18	2.40	LFH561M35045□VA
	680	30x60	0.18	2.73	LFH681M30060□VA
	680	35x50	0.18	2.70	LFH681M35050□VA
	820	35x60	0.18	3.06	LFH821M35060□VA
	1000	35x60	0.18	3.37	LFH102M35060□VA
	1200	40x70	0.18	4.52	LFH122M40070□VA
	1500	40x80	0.18	5.20	LFH152M40080□VA
1500	45x70	0.18	5.20	LFH152M45070□VA	
1800	40x100	0.18	6.30	LFH182M40100□VA	
1800	45x70	0.18	5.80	LFH182M45070□VA	
2200	40x100	0.18	7.00	LFH222M40100□VA	
2700	45x90	0.18	7.80	LFH272M45090□VA	
3300	45x105	0.18	9.53	LFH332M45105□VA	
3300	50x90	0.18	9.50	LFH332M50090□VA	
400 (450)	47	22x25	0.18	0.50	LFG470M22025□VA
	56	22x25	0.18	0.52	LFG560M22025□VA
	68	22x25	0.18	0.56	LFG680M22025□VA
	82	22x25	0.18	0.66	LFG820M22025□VA
	100	22x30	0.18	0.78	LFG101M22030□VA
	100	25x25	0.18	0.75	LFG101M25025□VA
	120	22x35	0.18	0.83	LFG121M22035□VA
	120	25x30	0.18	0.85	LFG121M25030□VA
	120	30x25	0.18	0.81	LFG121M30025□VA
	150	22x40	0.18	0.95	LFG151M22040□VA
	150	25x30	0.18	0.98	LFG151M25030□VA
	150	30x25	0.18	0.96	LFG151M30025□VA
	180	22x45	0.18	1.10	LFG181M22045□VA

WV _{DC} (Surge Voltage) (V)	Cap (μF)	Size DxL (mm)	tanδ 20℃120Hz	Ripple Current 85℃120Hz (Arms)	Catalog Part Number
400 (450)	180	25x35	0.18	1.15	LFG181M25035□VA
	180	30x30	0.18	1.20	LFG181M30030□VA
	180	35x25	0.18	1.28	LFG181M35025□VA
	220	22x50	0.18	1.25	LFG221M22050□VA
	220	25x40	0.18	1.33	LFG221M25040□VA
	220	30x35	0.18	1.40	LFG221M30035□VA
	220	35x25	0.18	1.31	LFG221M35025□VA
	270	25x45	0.18	1.45	LFG271M25045□VA
	270	30x40	0.18	1.61	LFG271M30040□VA
	270	35x30	0.18	1.65	LFG271M35030□VA
	330	25x50	0.18	1.89	LFG331M25050□VA
	330	30x40	0.18	1.87	LFG331M30040□VA
	330	35x30	0.18	1.83	LFG331M35030□VA
	390	30x50	0.18	1.95	LFG391M30050□VA
	390	35x35	0.18	2.00	LFG391M35035□VA
	470	25x60	0.18	2.40	LFG471M25060□VA
	470	30x50	0.18	2.35	LFG471M30050□VA
	470	35x40	0.18	2.35	LFG471M35040□VA
	560	30x60	0.18	2.60	LFG561M30060□VA
	560	35x50	0.18	2.58	LFG561M35050□VA
	680	30x70	0.18	2.91	LFG681M30070□VA
	680	35x50	0.18	2.88	LFG681M35050□VA
	820	35x60	0.18	3.24	LFG821M35060□VA
	1000	35x60	0.18	3.58	LFG102M35060□VA
	1200	35x70	0.18	4.42	LFG122M35070□VA
	1500	40x80	0.18	5.80	LFG152M40080□VA
	1500	45x70	0.18	5.85	LFG152M45070□VA
	1500	45x80	0.18	6.20	LFG152M45080□VA
	1800	40x90	0.18	6.50	LFG182M40090□VA
	1800	45x80	0.18	6.60	LFG182M45080□VA
	2200	45x90	0.18	7.70	LFG222M45090□VA
	2200	50x80	0.18	7.80	LFG222M50080□VA
	2700	50x100	0.18	9.50	LFG272M50100□VA
3300	50x110	0.18	10.7	LFG332M50110□VA	
450 (500)	47	22x25	0.20	0.52	LFE470M22025□VA
	56	22x25	0.20	0.55	LFE560M22025□VA
	68	22x30	0.20	0.57	LFE680M22030□VA
	68	25x25	0.20	0.57	LFE680M25025□VA
	82	22x30	0.20	0.65	LFE820M22030□VA
	82	25x25	0.20	0.65	LFE820M25025□VA
	100	22x35	0.20	0.72	LFE101M22035□VA
	100	25x30	0.20	0.73	LFE101M25030□VA
	100	30x25	0.20	0.73	LFE101M30025□VA
	120	22x40	0.20	0.80	LFE121M22040□VA
	120	25x30	0.20	0.83	LFE121M25030□VA
	120	30x25	0.20	0.83	LFE121M30025□VA
	150	22x45	0.20	0.95	LFE151M22045□VA
	150	25x35	0.20	0.95	LFE151M25035□VA
	150	30x30	0.20	0.98	LFE151M30030□VA
	150	35x25	0.20	0.98	LFE151M35025□VA
	180	22x50	0.20	1.10	LFE181M22050□VA
	180	25x40	0.20	1.12	LFE181M25040□VA
	180	30x30	0.20	1.13	LFE181M30030□VA
	180	35x25	0.20	1.20	LFE181M35025□VA
	220	25x50	0.20	1.20	LFE221M25050□VA
220	30x35	0.20	1.30	LFE221M30035□VA	
220	35x30	0.20	1.30	LFE221M35030□VA	
270	30x40	0.20	1.40	LFE271M30040□VA	

*□Enter the appropriate terminal code



LF SERIES

◆ Standard Ratings

WV _{DC} (Surge Voltage) (V)	Cap (μF)	Size DxL (mm)	tanδ 20℃120Hz	Ripple Current 85℃120Hz (Arms)	Catalog Part Number
450 (500)	270	35x35	0.20	1.50	LFE271M35035□VA
	330	30x45	0.20	1.60	LFE331M30045□VA
	330	35x35	0.20	1.70	LFE331M35035□VA
	390	30x50	0.20	1.85	LFE391M30050□VA
	390	35x40	0.20	1.90	LFE391M35040□VA
	470	30x60	0.20	2.37	LFE471M30060□VA
	470	35x50	0.20	2.39	LFE471M35050□VA
	560	35x50	0.20	2.61	LFE561M35050□VA
	680	35x60	0.20	3.11	LFE681M35060□VA
	820	35x70	0.20	3.60	LFE821M35070□VA
	1000	35x80	0.20	4.29	LFE102M35080□VA
	1200	35x80	0.20	4.82	LFE122M35080□VA
	1200	40x70	0.20	4.90	LFE122M40070□VA
	1500	40x90	0.20	6.20	LFE152M40090□VA
	1500	45x80	0.20	6.30	LFE152M45080□VA
	1800	45x90	0.20	7.20	LFE182M45090□VA
1800	50x75	0.20	7.10	LFE182M50075□VA	
2200	50x85	0.20	8.50	LFE222M50085□VA	
2200	45x105	0.20	8.80	LFE222M45105□VA	
2700	50x105	0.20	10.4	LFE272M50105□VA	
500 (550)	47	22x25	0.20	0.50	LFC470M22025□VA
	56	22x30	0.20	0.60	LFC560M22030□VA
	68	22x35	0.20	0.70	LFC680M22035□VA
	68	25x25	0.20	0.70	LFC680M25025□VA
	82	22x40	0.20	0.80	LFC820M22040□VA
	82	25x30	0.20	0.80	LFC820M25030□VA
	100	22x45	0.20	0.90	LFC101M22045□VA
	100	25x35	0.20	0.90	LFC101M25035□VA
	100	30x25	0.20	0.90	LFC101M30025□VA
	120	22x50	0.20	1.00	LFC121M22050□VA
	120	25x40	0.20	1.00	LFC121M25040□VA
	120	30x30	0.20	1.00	LFC121M30030□VA
	120	35x25	0.20	1.00	LFC121M35025□VA
	150	25x45	0.20	1.20	LFC151M25045□VA
	150	30x35	0.20	1.20	LFC151M30035□VA
	150	35x25	0.20	1.20	LFC151M35025□VA
	180	25x50	0.20	1.40	LFC181M25050□VA
	180	30x40	0.20	1.40	LFC181M30040□VA
	180	35x30	0.20	1.40	LFC181M35030□VA
	220	30x45	0.20	1.60	LFC221M30045□VA
	220	35x35	0.20	1.60	LFC221M35035□VA
	270	30x50	0.20	1.60	LFC271M30050□VA
	270	35x40	0.20	1.60	LFC271M35040□VA
	330	30x60	0.20	2.00	LFC331M30060□VA
	330	35x45	0.20	2.00	LFC331M35045□VA
	390	35x50	0.20	2.30	LFC391M35050□VA
	470	35x60	0.20	2.50	LFC471M35060□VA
	560	35x60	0.20	2.60	LFC561M35060□VA
560	40x60	0.20	2.80	LFC561M40060□VA	
680	35x80	0.20	3.40	LFC681M35080□VA	
680	40x70	0.20	3.50	LFC681M40070□VA	
820	35x90	0.20	3.90	LFC821M35090□VA	
820	40x70	0.20	3.80	LFC821M40070□VA	
1000	40x80	0.20	4.40	LFC102M40080□VA	
1000	45x70	0.20	4.20	LFC102M45070□VA	
1200	40x90	0.20	4.90	LFC122M40090□VA	
1200	45x80	0.20	5.00	LFC122M45080□VA	
1500	45x100	0.20	6.30	LFC152M45100□VA	
1500	50x80	0.20	6.00	LFC152M50080□VA	
1800	50x90	0.20	6.70	LFC182M50090□VA	

WV _{DC} (Surge Voltage) (V)	Cap (μF)	Size DxL (mm)	tanδ 20℃120Hz	Ripple Current 85℃120Hz (Arms)	Catalog Part Number	
550 (600)	2200	50x105	0.20	7.80	LFC222M50105□VA	
	180	30x45	0.20	1.20	LFZ181M30045□VA	
	220	30x50	0.20	1.30	LFZ221M30050□VA	
	270	30x60	0.20	1.60	LFZ271M30060□VA	
	270	35x45	0.20	1.60	LFZ271M35045□VA	
	330	30x70	0.20	1.90	LFZ331M30070□VA	
	330	35x50	0.20	1.80	LFZ331M35050□VA	
	390	30x80	0.20	2.20	LFZ391M30080□VA	
	390	35x60	0.20	2.10	LFZ391M35060□VA	
	470	35x70	0.20	2.50	LFZ471M35070□VA	
	470	40x60	0.20	2.50	LFZ471M40060□VA	
	560	35x80	0.20	2.90	LFZ561M35080□VA	
	560	40x70	0.20	2.90	LFZ561M40070□VA	
	680	35x95	0.20	3.40	LFZ681M35095□VA	
	680	40x80	0.20	3.40	LFZ681M40080□VA	
	820	40x100	0.20	4.10	LFZ821M40100□VA	
820	45x75	0.20	3.90	LFZ821M45075□VA		
1000	45x90	0.20	4.60	LFZ102M45090□VA		
1000	50x75	0.20	4.60	LFZ102M50075□VA		
1200	45x105	0.20	5.30	LFZ122M45105□VA		
1200	50x85	0.20	5.20	LFZ122M50085□VA		
1500	50x100	0.20	6.00	LFZ152M50100□VA		
600 (650)	150	30x45	0.20	1.00	LFB151M30045□VA	
	180	30x50	0.20	1.20	LFB181M30050□VA	
	220	30x60	0.20	1.40	LFB221M30060□VA	
	270	30x70	0.20	1.60	LFB271M30070□VA	
	330	35x60	0.20	1.80	LFB331M35060□VA	
	330	40x50	0.20	1.80	LFB331M40050□VA	
	390	35x70	0.20	2.20	LFB391M35070□VA	
	390	40x60	0.20	2.20	LFB391M40060□VA	
	470	35x80	0.20	2.50	LFB471M35080□VA	
	470	40x70	0.20	2.50	LFB471M40070□VA	
	560	35x90	0.20	2.90	LFB561M35090□VA	
	560	40x80	0.20	2.90	LFB561M40080□VA	
	680	40x90	0.20	3.40	LFB681M40090□VA	
	680	45x70	0.20	3.30	LFB681M45070□VA	
	820	45x85	0.20	3.90	LFB821M45085□VA	
	820	50x70	0.20	4.10	LFB821M50070□VA	
	1000	45x100	0.20	4.60	LFB102M45100□VA	
	1000	50x80	0.20	4.50	LFB102M50080□VA	
	1200	50x95	0.20	5.30	LFB122M50095□VA	
	650 (700)	150	30x45	0.20	1.00	LFA151M30045□VA
		180	30x50	0.20	1.20	LFA181M30050□VA
		220	30x60	0.20	1.40	LFA221M30060□VA
		270	30x70	0.20	1.60	LFA271M30070□VA
		270	35x50	0.20	1.50	LFA271M35050□VA
		330	30x85	0.20	1.90	LFA331M30085□VA
		330	40x50	0.20	1.80	LFA331M40050□VA
		390	40x60	0.20	2.10	LFA391M40060□VA
		470	40x70	0.20	2.40	LFA471M40070□VA
470		45x55	0.20	2.40	LFA471M45055□VA	
560		40x80	0.20	2.80	LFA561M40080□VA	
560		45x65	0.20	2.80	LFA561M45065□VA	
680		40x95	0.20	3.40	LFA681M40095□VA	
680		45x75	0.20	3.20	LFA681M45075□VA	
820		45x90	0.20	3.80	LFA821M45090□VA	
820		50x75	0.20	3.80	LFA821M50075□VA	
1000		45x105	0.20	4.50	LFA102M45105□VA	
1000		50x85	0.20	4.40	LFA102M50085□VA	
1200		50x105	0.20	5.20	LFA122M50105□VA	



LF SERIES

◆ Standard Ratings

WV _{bc} (Surge Voltage) (V)	Cap (μ F)	Size D \times L (mm)	$\tan\delta$ 20 $^{\circ}$ C120Hz	Ripple Current 85 $^{\circ}$ C120Hz (Arms)	Catalog Part Number
700 (750)	180	35 \times 45	0.20	1.20	LF5181M35045□VA
	220	35 \times 50	0.20	1.40	LF5221M35050□VA
	270	35 \times 60	0.20	1.54	LF5271M35060□VA
	330	35 \times 70	0.20	1.92	LF5331M35070□VA
	470	35 \times 80	0.20	2.28	LF5471M35080□VA
	560	40 \times 100	0.20	3.20	LF5561M40100□VA

*□Enter the appropriate terminal code

* Please ask for advice for other sizes.

*Aluminum electrolytic capacitor will emit heat when ripple current is applied, the performance will deteriorate when temp. rises, the useful life will be half of original life when temp rises every 5 $^{\circ}$ C. Please reduce the ripple current when using capacitor.