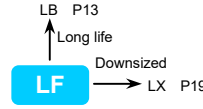


LF 系列 SERIES



- 85°C 标准品
85°C Standard
- 保证 85°C、2000 小时寿命。(叠加纹波电流)
Endurance with ripple current: 2000 hours at 85°C
- 额定工作电压范围: 16V~700V
Rated voltage range: 16V-700V



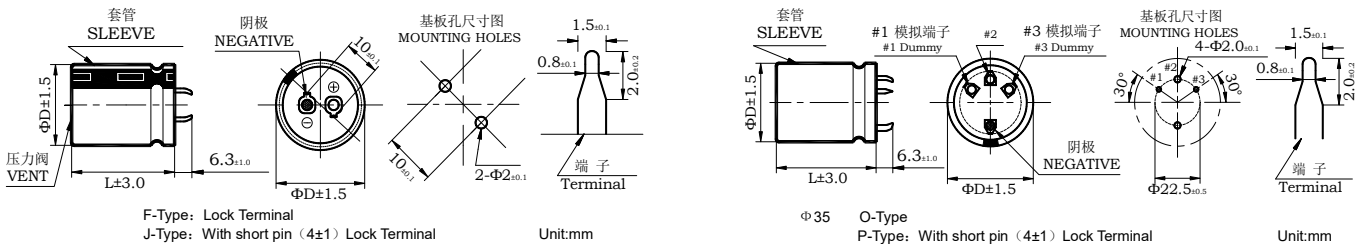
规格表 SPECIFICATIONS

项目 Items	特性 Characteristics																															
工作温度范围 Operating Temperature Range	-40~+85°C	-25~+85°C																														
额定工作电压范围 Rated Working Voltage Range	16~100V	160~700V																														
静电容量允许偏差 Capacitance Tolerance	±20% (20°C, 120Hz)																															
损耗角正切值 Dissipation Factor (MAX) 20°C, 120Hz	<table border="1"> <tr> <td>U_R(V)</td> <td>16</td> <td>25</td> <td>35</td> <td>50</td> <td>63</td> <td>80</td> <td>100</td> <td>160~400</td> <td>450~600</td> <td>650~700</td> </tr> <tr> <td>tanδ</td> <td>0.50</td> <td>0.45</td> <td>0.40</td> <td>0.35</td> <td>0.30</td> <td>0.25</td> <td>0.20</td> <td>0.15</td> <td>0.20</td> <td>0.25</td> </tr> </table>										U _R (V)	16	25	35	50	63	80	100	160~400	450~600	650~700	tanδ	0.50	0.45	0.40	0.35	0.30	0.25	0.20	0.15	0.20	0.25
U _R (V)	16	25	35	50	63	80	100	160~400	450~600	650~700																						
tanδ	0.50	0.45	0.40	0.35	0.30	0.25	0.20	0.15	0.20	0.25																						
阻抗比 Impedance Ratio (MAX) 120Hz	<table border="1"> <tr> <td>U_R(V)</td> <td>16~100</td> <td>160~200</td> <td>250</td> <td>315</td> <td>350~400</td> <td>450~700</td> </tr> <tr> <td>Z_{25°C}/Z_{+20°C}</td> <td>4</td> <td>3</td> <td>4</td> <td>7</td> <td>7</td> <td>8</td> </tr> <tr> <td>Z_{40°C}/Z_{+20°C}</td> <td>18</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>										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						
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																															
漏电流 Leakage Current (MAX)	I=0.01C _R U _R 或 1.5mA 取小者 (20°C, 施加额定电压 5 分钟后) I=0.01C _R U _R or 1.5mA whichever is minimum. (at 20°C, After 5 minutes application of rated voltage) I=漏电流 (µA) U _R =额定电压 (V) C _R =静电容量 (µF) Leakage Current Rated Voltage Rated Capacitance																															

	使用寿命 Useful Life	负荷寿命 Load Life	耐久性特性 Endurance Test	高温无负荷特性 Shelf Life
产品寿命 Life Time	4000h	>65000h	2000h	1000h
漏电流 Leakage Current	≤规定值 ≤Specified value	≤规定值 ≤Specified value	≤规定值 ≤Specified value	≤规定值 ≤Specified value
损耗角正切值变化率 Tgδ Change	≤规定值的 300% ≤300% of specified value	≤规定值的 200% ≤200% of specified value	≤规定值的 200% ≤200% of specified value	≤规定值的 200% ≤200% of specified value
静电容量变化率 Capacitance Change	初始值±30%以内 Within±30% of initial value	初始值±20%以内 Within±20% of initial value	初始值±20%以内 Within±20% of initial value	初始值±20%以内 Within±20% of initial value
施加条件 Condition 施加电压 Applied Voltage 施加纹波电流 Applied Ripple Current 环境温度 Applied Temperature 失效等级 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 =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.

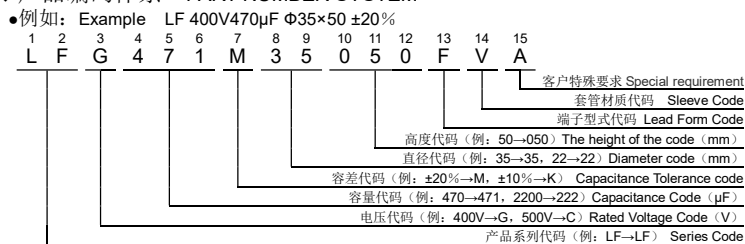
尺寸图 Dimensions

- 常用端子型式代码: Terminal Code



- 记载以外的端子形状, 请另行咨询。Please consult to us for the terminal type not displayed in content.

产品编码体系 PART NUMBER SYSTEM



纹波电流修正系数 Rated Ripple Current Multiplies

● 频率修正系数 Frequency coefficient

电压范围 (v) Rated voltage	频率 (Hz) Frequency				
	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

● 温度修正系数 Temperature coefficient

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

◆ 产品一览表 Standard Ratings

WV _{dc} (Surge Voltage) (V)	Cap (μF)	Size D×L (mm)	tanδ 20°C 120Hz	ESR _{typ} 20°C 120Hz (mΩ)	Ripple Current 85°C 120Hz (Arms)	Catalog Part Number	
16 (20)	8200	22×25	0.50	52	2.20	LFV822M22025□VA	
	10000	22×30	0.50	43	2.60	LFV103M22030□VA	
	10000	25×25	0.50	43	2.60	LFV103M25025□VA	
	12000	22×35	0.50	36	2.90	LFV123M22035□VA	
	15000	22×40	0.50	29	3.30	LFV153M22040□VA	
	15000	25×30	0.50	29	3.30	LFV153M25030□VA	
	15000	30×25	0.50	29	3.26	LFV153M30025□VA	
	18000	22×45	0.50	24	3.80	LFV183M22045□VA	
	18000	25×35	0.50	24	3.70	LFV183M25035□VA	
	18000	30×30	0.50	24	3.82	LFV183M30030□VA	
	22000	22×50	0.50	20	4.20	LFV223M22050□VA	
	22000	25×40	0.50	20	4.20	LFV223M25040□VA	
	22000	30×30	0.50	20	4.20	LFV223M30030□VA	
	22000	35×25	0.50	20	4.13	LFV223M35025□VA	
	27000	25×45	0.50	18	5.00	LFV273M25045□VA	
	27000	30×35	0.50	18	5.00	LFV273M30035□VA	
	27000	35×30	0.50	18	5.14	LFV273M35030□VA	
	33000	30×40	0.50	15	5.60	LFV333M30040□VA	
	33000	35×30	0.50	15	5.60	LFV333M35030□VA	
	39000	30×45	0.50	14	6.20	LFV393M30045□VA	
	39000	35×35	0.50	14	6.10	LFV393M35035□VA	
	47000	30×50	0.50	12	7.00	LFV473M30050□VA	
	47000	35×40	0.50	12	7.00	LFV473M35040□VA	
	56000	30×60	0.50	10	8.20	LFV563M30060□VA	
	56000	35×45	0.50	10	7.90	LFV563M35045□VA	
	68000	35×50	0.50	8.8	8.42	LFV683M35050□VA	
	25 (32)	5600	22×25	0.45	67	2.00	LFU562M22025□VA
		6800	22×30	0.45	55	2.30	LFU682M22030□VA
6800		25×25	0.45	55	2.30	LFU682M25025□VA	
8200		22×35	0.45	46	2.60	LFU822M22035□VA	
8200		25×30	0.45	46	2.60	LFU822M25030□VA	
8200		30×25	0.45	46	2.60	LFU822M30025□VA	
10000		22×40	0.45	38	2.90	LFU103M22040□VA	
10000		25×30	0.45	38	2.80	LFU103M25030□VA	
10000		30×25	0.45	38	2.80	LFU103M30025□VA	
12000		22×45	0.45	31	3.30	LFU123M22045□VA	
12000		25×35	0.45	31	3.20	LFU123M25035□VA	
12000		30×30	0.45	31	3.30	LFU123M30030□VA	
12000		35×25	0.45	31	3.30	LFU123M35025□VA	
15000		22×50	0.45	25	3.70	LFU153M22050□VA	
15000		25×40	0.45	25	3.70	LFU153M25040□VA	
15000		30×35	0.45	25	3.70	LFU153M30035□VA	
15000		35×25	0.45	25	3.70	LFU153M35025□VA	
18000		25×50	0.45	21	4.40	LFU183M25050□VA	
18000		30×35	0.45	21	4.20	LFU183M30035□VA	
18000		35×30	0.45	21	4.30	LFU183M35030□VA	
22000		30×40	0.45	17	4.80	LFU223M30040□VA	
22000		35×35	0.45	17	5.00	LFU223M35035□VA	
27000		30×50	0.45	15	5.70	LFU273M30050□VA	
27000		35×40	0.45	15	5.70	LFU273M35040□VA	
33000		30×60	0.45	12	6.40	LFU333M30060□VA	
33000		35×40	0.45	12	6.50	LFU333M35040□VA	
39000		35×45	0.45	9.5	7.50	LFU393M35045□VA	
47000		35×45	0.45	8.5	8.20	LFU473M35045□VA	
35 (44)	3300	22×25	0.40	81	1.80	LFT332M22025□VA	
	3900	22×30	0.40	69	2.10	LFT392M22030□VA	
	3900	25×25	0.40	69	2.10	LFT392M25025□VA	
	4700	22×35	0.40	57	2.20	LFT472M22035□VA	

WV _{dc} (Surge Voltage) (V)	Cap (μF)	Size D×L (mm)	tanδ 20°C 120Hz	ESR _{typ} 20°C 120Hz (mΩ)	Ripple Current 85°C 120Hz (Arms)	Catalog Part Number	
35 (44)	4700	25×25	0.40	57	2.20	LFT472M25025□VA	
	5600	22×35	0.40	52	2.30	LFT562M22035□VA	
	5600	25×30	0.40	52	2.30	LFT562M25030□VA	
	5600	30×25	0.40	52	2.30	LFT562M30025□VA	
	6800	22×40	0.40	47	2.60	LFT682M22040□VA	
	6800	25×35	0.40	47	2.60	LFT682M25035□VA	
	6800	30×25	0.40	47	2.60	LFT682M30025□VA	
	8200	22×50	0.40	43	2.80	LFT822M22050□VA	
	8200	25×40	0.40	43	2.80	LFT822M25040□VA	
	8200	30×30	0.40	43	2.80	LFT822M30030□VA	
	8200	35×25	0.40	43	2.80	LFT822M35025□VA	
	10000	22×50	0.40	38	3.10	LFT103M22050□VA	
	10000	25×45	0.40	38	3.10	LFT103M25045□VA	
	10000	30×35	0.40	38	3.20	LFT103M30035□VA	
	10000	35×25	0.40	38	3.10	LFT103M35025□VA	
	12000	25×50	0.40	31	3.50	LFT123M25050□VA	
	12000	30×40	0.40	31	3.50	LFT123M30040□VA	
	12000	35×30	0.40	31	3.40	LFT123M35030□VA	
	15000	25×50	0.40	25	4.10	LFT153M25050□VA	
	15000	30×45	0.40	25	4.10	LFT153M30045□VA	
	15000	35×35	0.40	25	4.10	LFT153M35035□VA	
	18000	30×50	0.40	21	4.60	LFT183M30050□VA	
	18000	35×40	0.40	21	4.60	LFT183M35040□VA	
	22000	35×45	0.40	17	5.30	LFT223M35045□VA	
	27000	35×50	0.40	14	7.00	LFT273M35050□VA	
	33000	35×60	0.40	12	8.30	LFT333M35060□VA	
	50 (63)	2200	22×25	0.35	97	1.70	LFR222M22025□VA
		2700	22×30	0.35	79	1.90	LFR272M22030□VA
		2700	25×25	0.35	79	1.90	LFR272M25025□VA
		3300	22×35	0.35	75	2.00	LFR332M22035□VA
		3300	25×30	0.35	75	2.00	LFR332M25030□VA
		3300	30×25	0.35	75	2.00	LFR332M30025□VA
		3900	22×35	0.35	69	2.10	LFR392M22035□VA
		3900	25×30	0.35	69	2.10	LFR392M25030□VA
		3900	30×25	0.35	69	2.10	LFR392M30025□VA
		4700	22×40	0.35	57	2.40	LFR472M22040□VA
		4700	25×35	0.35	57	2.40	LFR472M25035□VA
		4700	30×30	0.35	57	2.40	LFR472M30030□VA
		4700	35×25	0.35	57	2.40	LFR472M35025□VA
		5600	22×50	0.35	52	2.50	LFR562M22050□VA
		5600	25×40	0.35	52	2.50	LFR562M25040□VA
		5600	30×30	0.35	52	2.50	LFR562M30030□VA
		5600	35×25	0.35	52	2.60	LFR562M35025□VA
		6800	25×45	0.35	47	2.80	LFR682M25045□VA
6800		30×35	0.35	47	2.80	LFR682M30035□VA	
6800		35×30	0.35	47	2.80	LFR682M35030□VA	
8200		25×50	0.35	42	3.20	LFR822M25050□VA	
8200		30×40	0.35	42	3.20	LFR822M30040□VA	
8200		35×30	0.35	42	3.20	LFR822M35030□VA	
10000		30×45	0.35	38	3.40	LFR103M30045□VA	
10000		35×35	0.35	38	3.40	LFR103M35035□VA	
12000		30×50	0.35	31	3.80	LFR123M30050□VA	
12000		35×40	0.35	31	3.80	LFR123M35040□VA	
15000		30×60	0.35	25	4.40	LFR153M30060□VA	
15000		35×45	0.35	25	4.30	LFR153M35045□VA	
18000		35×50	0.35	18	4.70	LFR183M35050□VA	
22000		35×60	0.35	14	5.40	LFR223M35060□VA	

*产品编码中□内为产品端子引出型式代码

*□Enter the appropriate terminal code

◆ 产品一览表 Standard Ratings

WV _{dc} (Surge Voltage) (V)	Cap (μ F)	Size D×L (mm)	tan δ 20°C 120Hz	ESR _{typ} 20°C 120Hz (m Ω)	Ripple Current 85°C 120Hz (Arms)	Catalog Part Number
63 (79)	1500	22×25	0.30	107	1.60	LFQ152M22025□VA
	1800	22×30	0.30	89	1.80	LFQ182M22030□VA
	1800	25×25	0.30	89	1.80	LFQ182M25025□VA
	2200	22×30	0.30	73	2.00	LFQ222M22030□VA
	2200	25×25	0.30	73	2.00	LFQ222M25025□VA
	2700	22×35	0.30	59	2.20	LFQ272M22035□VA
	2700	25×30	0.30	59	2.30	LFQ272M25030□VA
	2700	30×25	0.30	59	2.30	LFQ272M30025□VA
	3300	22×40	0.30	57	2.40	LFQ332M22040□VA
	3300	25×35	0.30	57	2.40	LFQ332M25035□VA
	3300	30×25	0.30	57	2.40	LFQ332M30025□VA
	3900	22×45	0.30	53	2.50	LFQ392M22045□VA
	3900	25×40	0.30	53	2.50	LFQ392M25040□VA
	3900	30×30	0.30	53	2.50	LFQ392M30030□VA
	3900	35×25	0.30	53	2.50	LFQ392M35025□VA
	4700	22×50	0.30	48	2.70	LFQ472M22050□VA
	4700	25×40	0.30	48	2.70	LFQ472M25040□VA
	4700	30×30	0.30	48	2.70	LFQ472M30030□VA
	4700	35×25	0.30	48	2.70	LFQ472M35025□VA
	5600	25×45	0.30	38	3.10	LFQ562M25045□VA
	5600	30×35	0.30	38	3.10	LFQ562M30035□VA
	5600	35×30	0.30	38	3.10	LFQ562M35030□VA
	6800	30×40	0.30	33	3.60	LFQ682M30040□VA
	6800	35×35	0.30	33	3.60	LFQ682M35035□VA
8200	30×50	0.30	29	3.80	LFQ822M30050□VA	
8200	35×40	0.30	29	3.80	LFQ822M35040□VA	
10000	30×50	0.30	26	4.20	LFQ103M30050□VA	
10000	35×40	0.30	26	4.20	LFQ103M35040□VA	
12000	35×50	0.30	21	4.60	LFQ123M35050□VA	
15000	35×60	0.30	18	5.00	LFQ153M35060□VA	
80 (100)	1000	22×25	0.25	160	1.30	LFP102M22025□VA
	1200	22×30	0.25	133	1.50	LFP122M22030□VA
	1500	22×30	0.25	107	1.70	LFP152M22030□VA
	1500	25×25	0.25	107	1.70	LFP152M25025□VA
	1800	22×35	0.25	89	1.90	LFP182M22035□VA
	1800	25×30	0.25	89	1.90	LFP182M25030□VA
	1800	30×25	0.25	89	1.90	LFP182M30025□VA
	2200	22×40	0.25	73	2.20	LFP222M22040□VA
	2200	25×35	0.25	73	2.20	LFP222M25035□VA
	2200	30×25	0.25	73	2.20	LFP222M30025□VA
	2700	22×50	0.25	59	2.50	LFP272M22050□VA
	2700	25×40	0.25	59	2.50	LFP272M25040□VA
	2700	30×30	0.25	59	2.50	LFP272M30030□VA
	2700	35×25	0.25	59	2.50	LFP272M35025□VA
	3300	25×45	0.25	49	2.80	LFP332M25045□VA
	3300	30×35	0.25	49	2.80	LFP332M30035□VA
	3300	35×30	0.25	49	2.80	LFP332M35030□VA
	3900	25×50	0.25	41	3.10	LFP392M25050□VA
	3900	30×40	0.25	41	3.10	LFP392M30040□VA
	4700	25×50	0.25	38	3.40	LFP472M25050□VA
	4700	30×45	0.25	38	3.60	LFP472M30045□VA
	4700	35×35	0.25	38	3.60	LFP472M35035□VA
	5600	30×50	0.25	34	3.80	LFP562M30050□VA
	5600	35×40	0.25	34	3.80	LFP562M35040□VA
6800	30×50	0.25	31	4.00	LFP682M30050□VA	
6800	35×45	0.25	31	4.00	LFP682M35045□VA	
8200	35×50	0.25	24	4.50	LFP882M35050□VA	
10000	35×60	0.25	20	5.30	LFP103M35060□VA	
100 (125)	680	22×25	0.20	235	1.10	LFO681M22025□VA
	820	22×30	0.20	195	1.20	LFO821M22030□VA
	820	25×25	0.20	195	1.20	LFO821M25025□VA
	1000	22×35	0.20	160	1.30	LFO102M22035□VA
	1000	25×30	0.20	160	1.40	LFO102M25030□VA
	1000	30×25	0.20	160	1.40	LFO102M30025□VA
	1200	22×40	0.20	133	1.60	LFO122M22040□VA
	1200	25×30	0.20	133	1.60	LFO122M25030□VA
	1200	30×25	0.20	133	1.70	LFO122M30025□VA
	1500	22×45	0.20	107	1.80	LFO152M22045□VA
	1500	25×35	0.20	107	1.80	LFO152M25035□VA
	1500	30×25	0.20	107	1.80	LFO152M30025□VA
	1800	22×50	0.20	89	2.00	LFO182M22050□VA
	1800	25×40	0.20	89	2.00	LFO182M25040□VA
	1800	30×30	0.20	89	2.00	LFO182M30030□VA
	1800	35×25	0.20	89	2.00	LFO182M35025□VA
	2200	25×45	0.20	73	2.20	LFO222M25045□VA
	2200	30×35	0.20	73	2.30	LFO222M30035□VA
	2200	35×30	0.20	73	2.30	LFO222M35030□VA
	2700	25×50	0.20	59	2.70	LFO272M25050□VA
	2700	30×40	0.20	59	2.70	LFO272M30040□VA
	2700	35×35	0.20	59	2.70	LFO272M35035□VA
	3300	30×45	0.20	49	3.00	LFO332M30045□VA
	3300	35×35	0.20	49	3.00	LFO332M35035□VA
3900	30×50	0.20	41	3.40	LFO392M30050□VA	
3900	35×40	0.20	41	3.40	LFO392M35040□VA	
4700	30×60	0.20	34	3.90	LFO472M30060□VA	
4700	35×45	0.20	34	3.80	LFO472M35045□VA	
5600	35×50	0.20	28	4.30	LFO562M35050□VA	
6800	35×55	0.20	23	4.80	LFO682M35055□VA	
160 (200)	220	22×25	0.15	483	1.10	LFN221M22025□VA
	270	22×25	0.15	393	1.20	LFN271M22025□VA
	330	22×25	0.15	322	1.30	LFN331M22025□VA
	390	22×30	0.15	273	1.50	LFN391M22030□VA
	390	25×25	0.15	273	1.50	LFN391M25025□VA
	470	22×35	0.15	226	1.60	LFN471M22035□VA
	470	25×30	0.15	226	1.60	LFN471M25030□VA
	470	30×25	0.15	226	1.60	LFN471M30025□VA
	560	22×35	0.15	190	1.90	LFN561M22035□VA
	560	25×30	0.15	190	1.90	LFN561M25030□VA
	560	30×25	0.15	190	2.00	LFN561M30025□VA
	680	22×40	0.15	157	2.10	LFN681M22040□VA
	680	25×35	0.15	157	2.10	LFN681M25035□VA
	680	30×25	0.15	157	2.10	LFN681M30025□VA
	820	22×50	0.15	130	2.30	LFN821M22050□VA
	820	25×45	0.15	130	2.40	LFN821M25045□VA
	820	30×30	0.15	130	2.30	LFN821M30030□VA
	820	35×25	0.15	130	2.30	LFN821M35025□VA
	1000	25×45	0.15	107	2.70	LFN102M25045□VA
	1000	30×40	0.15	107	2.80	LFN102M30040□VA
	1000	35×30	0.15	107	2.80	LFN102M35030□VA
	1200	25×50	0.15	89	3.10	LFN122M25050□VA
	1200	30×40	0.15	89	3.10	LFN122M30040□VA
	1200	35×35	0.15	89	3.20	LFN122M35035□VA
1500	30×45	0.15	85	3.50	LFN152M30045□VA	
1500	35×40	0.15	85	3.60	LFN152M35040□VA	
1800	30×60	0.15	71	3.90	LFN182M30060□VA	
1800	35×45	0.15	71	3.90	LFN182M35045□VA	

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◆ 产品一览表 Standard Ratings

WV _{dc} (Surge Voltage) (V)	Cap (μ F)	Size D×L (mm)	tan δ 20°C 120Hz	ESR _{typ} 20°C 120Hz (m Ω)	Ripple Current 85°C 120Hz (Arms)	Catalog Part Number
160 (200)	2200	35×50	0.15	58	4.50	LFN222M35050□VA
	2700	35×60	0.15	49	5.10	LFN272M35060□VA
	3900	35×70	0.15	37	5.50	LFN392M35070□VA
	4700	35×80	0.15	34	6.10	LFN472M35080□VA
	5600	40×80	0.15	31	6.80	LFN562M40080□VA
200 (250)	220	22×25	0.15	483	1.10	LFL221M22025□VA
	270	22×25	0.15	393	1.20	LFL271M22025□VA
	330	22×30	0.15	322	1.40	LFL331M22030□VA
	330	25×25	0.15	322	1.40	LFL331M25025□VA
	390	22×35	0.15	273	1.50	LFL391M22035□VA
	390	25×25	0.15	273	1.50	LFL391M25025□VA
	470	22×35	0.15	226	1.70	LFL471M22035□VA
	470	25×30	0.15	226	1.70	LFL471M25030□VA
	470	30×25	0.15	226	1.80	LFL471M30025□VA
	560	22×40	0.15	190	1.90	LFL561M22040□VA
	560	25×35	0.15	190	2.00	LFL561M25035□VA
	560	30×30	0.15	190	2.00	LFL561M30030□VA
	560	35×25	0.15	190	2.00	LFL561M35025□VA
	680	22×50	0.15	157	2.20	LFL681M22050□VA
	680	25×40	0.15	157	2.30	LFL681M25040□VA
	680	30×30	0.15	157	2.30	LFL681M30030□VA
	680	35×25	0.15	157	2.20	LFL681M35025□VA
	820	25×50	0.15	130	2.60	LFL821M25050□VA
	820	30×40	0.15	130	2.60	LFL821M30040□VA
	820	35×30	0.15	130	2.50	LFL821M35030□VA
	1000	25×50	0.15	107	2.80	LFL102M25050□VA
	1000	30×45	0.15	107	3.10	LFL102M30045□VA
	1000	35×35	0.15	107	2.80	LFL102M35035□VA
	1200	25×60	0.15	89	3.40	LFL122M25060□VA
	1200	30×50	0.15	89	3.40	LFL122M30050□VA
	1200	35×40	0.15	89	3.20	LFL122M35040□VA
	1500	30×50	0.15	85	3.80	LFL152M30050□VA
	1500	35×40	0.15	85	3.60	LFL152M35040□VA
	1800	30×60	0.15	71	4.30	LFL182M30060□VA
	1800	35×45	0.15	71	4.10	LFL182M35045□VA
	2200	35×50	0.15	58	4.70	LFL222M35050□VA
	2700	35×60	0.15	49	5.00	LFL272M35060□VA
	3300	35×70	0.15	41	5.90	LFL332M35070□VA
3300	40×60	0.15	41	5.90	LFL332M40060□VA	
3900	35×80	0.15	37	6.80	LFL392M35080□VA	
4700	40×80	0.15	34	7.40	LFL472M40080□VA	
250 (300)	150	22×25	0.15	1061	0.89	LFJ151M22025□VA
	180	22×25	0.15	885	0.90	LFJ181M22025□VA
	220	22×30	0.15	724	1.10	LFJ221M22030□VA
	220	25×25	0.15	724	1.10	LFJ221M25025□VA
	270	22×35	0.15	590	1.21	LFJ271M22035□VA
	270	25×30	0.15	590	1.22	LFJ271M25030□VA
	270	30×25	0.15	590	1.25	LFJ271M30025□VA
	330	22×40	0.15	483	1.40	LFJ331M22040□VA
	330	25×30	0.15	483	1.40	LFJ331M25030□VA
	330	30×25	0.15	483	1.38	LFJ331M30025□VA
	390	22×45	0.15	409	1.60	LFJ391M22045□VA
	390	25×40	0.15	409	1.60	LFJ391M25040□VA
	390	30×30	0.15	409	1.61	LFJ391M30030□VA
	390	35×25	0.15	409	1.65	LFJ391M35025□VA
	470	25×40	0.15	339	1.80	LFJ471M25040□VA
	470	30×35	0.15	339	1.80	LFJ471M30035□VA
	470	35×25	0.15	339	1.82	LFJ471M35025□VA

WV _{dc} (Surge Voltage) (V)	Cap (μ F)	Size D×L (mm)	tan δ 20°C 120Hz	ESR _{typ} 20°C 120Hz (m Ω)	Ripple Current 85°C 120Hz (Arms)	Catalog Part Number	
250 (300)	560	30×35	0.15	285	2.00	LFJ561M30035□VA	
	560	35×30	0.15	285	2.00	LFJ561M35030□VA	
	680	30×40	0.15	235	2.30	LFJ681M30040□VA	
	680	35×30	0.15	235	2.30	LFJ681M35030□VA	
	820	30×45	0.15	195	2.70	LFJ821M30045□VA	
	820	35×35	0.15	195	2.70	LFJ821M35035□VA	
	1000	30×50	0.15	160	3.00	LFJ102M30050□VA	
	1000	35×40	0.15	160	3.00	LFJ102M35040□VA	
	1200	35×45	0.15	133	3.40	LFJ122M35045□VA	
	1500	35×50	0.15	106	4.00	LFJ152M35050□VA	
	1800	35×60	0.15	89	4.70	LFJ182M35060□VA	
	2200	35×70	0.15	72	5.20	LFJ222M35070□VA	
	2700	35×80	0.15	59	5.90	LFJ272M35080□VA	
	3300	40×80	0.15	48	6.60	LFJ332M40080□VA	
	3900	45×80	0.15	41	8.30	LFJ392M45080□VA	
	4700	45×90	0.15	38	9.00	LFJ472M45090□VA	
	4700	50×80	0.15	38	9.10	LFJ472M50080□VA	
	315 (365)	100	22×25	0.15	1592	0.68	LFH101M22025□VA
		120	22×25	0.15	1327	0.76	LFH121M22025□VA
150		22×30	0.15	1061	0.86	LFH151M22030□VA	
150		25×25	0.15	1061	0.89	LFH151M25025□VA	
180		22×35	0.15	885	0.96	LFH181M22035□VA	
180		25×30	0.15	885	0.98	LFH181M25030□VA	
180		30×25	0.15	885	1.00	LFH181M30025□VA	
220		22×40	0.15	724	1.12	LFH221M22040□VA	
220		25×35	0.15	724	1.15	LFH221M25035□VA	
220		30×25	0.15	724	1.18	LFH221M30025□VA	
270		22×45	0.15	590	1.30	LFH271M22045□VA	
270		25×40	0.15	590	1.40	LFH271M25040□VA	
270		30×30	0.15	590	1.45	LFH271M30030□VA	
270		35×25	0.15	590	1.49	LFH271M35025□VA	
330		25×45	0.15	483	1.52	LFH331M25045□VA	
330		30×35	0.15	483	1.55	LFH331M30035□VA	
330		35×30	0.15	483	1.58	LFH331M35030□VA	
390		25×50	0.15	409	1.63	LFH391M25050□VA	
390		30×40	0.15	409	1.66	LFH391M30040□VA	
390		35×30	0.15	409	1.69	LFH391M35030□VA	
470		30×45	0.15	339	1.95	LFH471M30045□VA	
470		35×35	0.15	339	1.99	LFH471M35035□VA	
560		30×50	0.15	285	2.13	LFH561M30050□VA	
560		35×40	0.15	285	2.16	LFH561M35040□VA	
680		30×60	0.15	235	2.55	LFH681M30060□VA	
680		35×45	0.15	235	2.40	LFH681M35045□VA	
820		35×50	0.15	195	2.70	LFH821M35050□VA	
1000	35×60	0.15	160	3.30	LFH102M35060□VA		
1200	35×60	0.15	133	3.60	LFH122M35060□VA		
1500	35×70	0.15	106	4.40	LFH152M35070□VA		
1800	35×80	0.15	89	5.15	LFH182M35080□VA		
2200	35×100	0.15	72	6.00	LFH222M35100□VA		
2200	40×80	0.15	72	5.80	LFH222M40080□VA		
2700	45×80	0.15	59	6.90	LFH272M45080□VA		
3300	45×90	0.15	48	8.10	LFH332M45090□VA		
3300	50×80	0.15	48	8.20	LFH332M50080□VA		
350 (400)	82	22×25	0.15	1941	0.64	LFH820M22025□VA	
	100	22×25	0.15	1592	0.73	LFH101M22025□VA	
	120	22×30	0.15	1327	0.85	LFH121M22030□VA	
	120	25×25	0.15	1327	0.85	LFH121M25025□VA	
	150	22×35	0.15	1061	0.95	LFH151M22035□VA	

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WV _{DC} (Surge Voltage) (V)	Cap (μ F)	Size D×L (mm)	tan δ 20°C 120Hz	ESR _{typ} 20°C 120Hz (m Ω)	Ripple Current 85°C 120Hz (Arms)	Catalog Part Number
350 (400)	150	25×30	0.15	1061	0.96	LFH151M25030□VA
	150	30×25	0.15	1061	0.99	LFH151M30025□VA
	180	22×40	0.15	885	1.10	LFH181M22040□VA
	180	25×30	0.15	885	1.10	LFH181M25030□VA
	180	30×25	0.15	885	1.10	LFH181M30025□VA
	220	22×45	0.15	724	1.30	LFH221M22045□VA
	220	25×35	0.15	724	1.30	LFH221M25035□VA
	220	30×30	0.15	724	1.30	LFH221M30030□VA
	220	35×25	0.15	724	1.30	LFH221M35025□VA
	270	22×50	0.15	590	1.50	LFH271M22050□VA
	270	25×45	0.15	590	1.50	LFH271M25045□VA
	270	30×35	0.15	590	1.50	LFH271M30035□VA
	270	35×25	0.15	590	1.50	LFH271M35025□VA
	330	25×50	0.15	483	1.60	LFH331M25050□VA
	330	30×40	0.15	483	1.60	LFH331M30040□VA
	330	35×30	0.15	483	1.60	LFH331M35030□VA
	390	30×40	0.15	409	1.80	LFH391M30040□VA
	390	35×35	0.15	409	1.82	LFH391M35035□VA
	470	30×45	0.15	339	2.00	LFH471M30045□VA
	470	35×40	0.15	339	2.00	LFH471M35040□VA
	560	30×50	0.15	285	2.30	LFH561M30050□VA
	560	35×45	0.15	285	2.30	LFH561M35045□VA
	680	30×60	0.15	235	2.60	LFH681M30060□VA
	680	35×50	0.15	235	2.60	LFH681M35050□VA
	820	35×50	0.15	195	2.80	LFH821M35050□VA
	1000	35×60	0.15	160	3.37	LFH102M35060□VA
	1200	35×70	0.15	133	4.10	LFH122M35070□VA
	1500	35×80	0.15	106	4.90	LFH152M35080□VA
	1800	40×80	0.15	89	5.50	LFH182M40080□VA
	2200	40×100	0.15	72	6.30	LFH222M40100□VA
	2700	45×90	0.15	59	7.50	LFH272M45090□VA
	3300	45×105	0.15	48	8.50	LFH332M45105□VA
	3300	50×90	0.15	48	8.40	LFH332M50090□VA
400 (450)	47	22×25	0.15	2823	0.50	LFG470M22025□VA
	56	22×25	0.15	2370	0.52	LFG560M22025□VA
	68	22×25	0.15	1951	0.56	LFG680M22025□VA
	82	22×25	0.15	1618	0.66	LFG820M22025□VA
	100	22×25	0.15	1327	0.70	LFG101M22025□VA
	120	22×30	0.15	1106	0.80	LFG121M22030□VA
	120	25×25	0.15	1106	0.80	LFG121M25025□VA
	150	22×35	0.15	885	0.90	LFG151M22035□VA
	150	25×30	0.15	885	0.90	LFG151M25030□VA
	150	30×25	0.15	885	0.90	LFG151M30025□VA
	180	22×40	0.15	737	1.00	LFG181M22040□VA
	180	25×35	0.15	737	1.00	LFG181M25035□VA
	180	30×30	0.15	737	1.00	LFG181M30030□VA
	180	35×25	0.15	737	1.00	LFG181M35025□VA
	220	22×45	0.15	603	1.10	LFG221M22045□VA
	220	25×40	0.15	603	1.20	LFG221M25040□VA
	220	30×35	0.15	603	1.20	LFG221M30035□VA
	220	35×25	0.15	603	1.20	LFG221M35025□VA
	270	25×45	0.15	492	1.45	LFG271M25045□VA
	270	30×40	0.15	492	1.53	LFG271M30040□VA
	270	35×30	0.15	492	1.49	LFG271M35030□VA
	330	25×50	0.15	402	1.70	LFG331M25050□VA
	330	30×40	0.15	402	1.70	LFG331M30040□VA
	330	35×30	0.15	402	1.70	LFG331M35030□VA
	390	30×45	0.15	340	2.00	LFG391M30045□VA

WV _{DC} (Surge Voltage) (V)	Cap (μ F)	Size D×L (mm)	tan δ 20°C 120Hz	ESR _{typ} 20°C 120Hz (m Ω)	Ripple Current 85°C 120Hz (Arms)	Catalog Part Number	
400 (450)	390	35×35	0.15	340	2.00	LFG391M35035□VA	
	470	25×60	0.15	282	2.30	LFG471M25060□VA	
	470	30×50	0.15	282	2.25	LFG471M30050□VA	
	470	35×40	0.15	282	2.25	LFG471M35040□VA	
	560	30×50	0.15	237	2.36	LFG561M30050□VA	
	560	35×50	0.15	237	2.58	LFG561M35050□VA	
	680	30×60	0.15	195	2.86	LFG681M30060□VA	
	680	35×50	0.15	195	2.88	LFG681M35050□VA	
	820	35×60	0.15	162	3.24	LFG821M35060□VA	
	1000	35×60	0.15	133	3.58	LFG102M35060□VA	
	1200	35×70	0.15	111	4.10	LFG122M35070□VA	
	1500	35×80	0.15	89	4.92	LFG152M35080□VA	
	1500	40×75	0.15	89	5.15	LFG152M40075□VA	
	1800	40×80	0.15	74	5.50	LFG182M40080□VA	
	1800	45×70	0.15	74	5.55	LFG182M45070□VA	
	2200	40×100	0.15	60	6.80	LFG222M40100□VA	
	2200	50×80	0.15	60	6.80	LFG222M50080□VA	
	2700	50×100	0.15	49	8.50	LFG272M50100□VA	
	3300	50×105	0.15	40	9.50	LFG332M50105□VA	
	450 (500)	47	22×25	0.20	3105	0.52	LFE470M22025□VA
		56	22×25	0.20	2606	0.55	LFE560M22025□VA
		68	22×25	0.20	2341	0.57	LFE680M22025□VA
		82	22×30	0.20	1941	0.65	LFE820M22030□VA
		82	25×25	0.20	1941	0.65	LFE820M25025□VA
		100	22×30	0.20	1592	0.72	LFE101M22030□VA
		100	25×25	0.20	1592	0.73	LFE101M25025□VA
		120	22×35	0.20	1327	0.80	LFE121M22035□VA
120		25×30	0.20	1327	0.81	LFE121M25030□VA	
120		30×25	0.20	1327	0.83	LFE121M30025□VA	
150		22×40	0.20	1061	0.95	LFE151M22040□VA	
150		25×35	0.20	1061	0.95	LFE151M25035□VA	
150		30×30	0.20	1061	0.98	LFE151M30030□VA	
150		35×25	0.20	1061	0.98	LFE151M35025□VA	
180		22×45	0.20	885	1.10	LFE181M22045□VA	
180		25×40	0.20	885	1.12	LFE181M25040□VA	
180		30×30	0.20	885	1.13	LFE181M30030□VA	
180		35×25	0.20	885	1.15	LFE181M35025□VA	
220		25×40	0.20	724	1.20	LFE221M25040□VA	
220		30×35	0.20	724	1.20	LFE221M30035□VA	
220		35×25	0.20	724	1.30	LFE221M35025□VA	
270		30×40	0.20	590	1.40	LFE271M30040□VA	
270		35×30	0.20	590	1.40	LFE271M35030□VA	
330		30×45	0.20	483	1.60	LFE331M30045□VA	
330		35×35	0.20	483	1.60	LFE331M35035□VA	
390		30×50	0.20	409	1.85	LFE391M30050□VA	
390		35×40	0.20	409	1.84	LFE391M35040□VA	
470		30×50	0.20	339	2.20	LFE471M30050□VA	
470		35×45	0.20	339	2.28	LFE471M35045□VA	
560		35×50	0.20	285	2.61	LFE561M35050□VA	
680		35×50	0.20	235	2.80	LFE681M35050□VA	
820		35×60	0.20	195	3.20	LFE821M35060□VA	
1000		35×70	0.20	160	3.80	LFE102M35070□VA	
1200	35×80	0.20	133	4.50	LFE122M35080□VA		
1200	40×70	0.20	133	4.50	LFE122M40070□VA		
1500	40×90	0.20	106	5.10	LFE152M40090□VA		
1500	45×80	0.20	106	5.20	LFE152M45080□VA		
1800	45×90	0.20	89	5.80	LFE182M45090□VA		
1800	50×75	0.20	89	5.70	LFE182M50075□VA		

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*□Enter the appropriate terminal code

◆ 产品一览表 Standard Ratings

WV _{DC} (Surge Voltage) (V)	Cap (μF)	Size D×L (mm)	tanδ 20°C 120Hz	ESR _{typ} 20°C 120Hz (mΩ)	Ripple Current 85°C 120Hz (Arms)	Catalog Part Number	
450 (500)	2200	50×80	0.20	72	6.60	LFE222M50080□VA	
	2200	45×100	0.20	72	6.80	LFE222M45100□VA	
	2700	50×105	0.20	59	8.30	LFE272M50105□VA	
500 (550)	47	22×25	0.20	3105	0.50	LFC470M22025□VA	
	56	22×25	0.20	2606	0.60	LFC560M22025□VA	
	68	22×30	0.20	2341	0.70	LFC680M22030□VA	
	68	25×25	0.20	2341	0.70	LFC680M25025□VA	
	82	22×35	0.20	1941	0.80	LFC820M22035□VA	
	82	25×25	0.20	1941	0.80	LFC820M25025□VA	
	100	22×40	0.20	1592	0.90	LFC101M22040□VA	
	100	25×30	0.20	1592	0.90	LFC101M25030□VA	
	100	30×25	0.20	1592	0.90	LFC101M30025□VA	
	120	22×45	0.20	1327	1.00	LFC121M22045□VA	
	120	25×35	0.20	1327	1.00	LFC121M25035□VA	
	120	30×30	0.20	1327	1.00	LFC121M30030□VA	
	150	25×40	0.20	1061	1.10	LFC151M25040□VA	
	150	30×30	0.20	1061	1.10	LFC151M30030□VA	
	150	35×25	0.20	1061	1.10	LFC151M35025□VA	
	180	25×45	0.20	885	1.20	LFC181M25045□VA	
	180	30×35	0.20	885	1.20	LFC181M30035□VA	
	180	35×25	0.20	885	1.20	LFC181M35025□VA	
	220	30×40	0.20	724	1.40	LFC221M30040□VA	
	220	35×30	0.20	724	1.40	LFC221M35030□VA	
	270	30×45	0.20	590	1.60	LFC271M30045□VA	
	270	35×35	0.20	590	1.60	LFC271M35035□VA	
	330	30×50	0.20	483	1.80	LFC331M30050□VA	
	330	35×40	0.20	483	1.80	LFC331M35040□VA	
	390	35×45	0.20	409	2.00	LFC391M35045□VA	
	470	35×50	0.20	339	2.20	LFC471M35050□VA	
	560	35×60	0.20	285	2.60	LFC561M35060□VA	
	680	35×70	0.20	235	3.00	LFC681M35070□VA	
	820	35×80	0.20	195	3.60	LFC821M35080□VA	
	820	40×70	0.20	195	3.70	LFC821M40070□VA	
	1000	40×80	0.20	160	4.10	LFC102M40080□VA	
	1000	45×70	0.20	160	4.20	LFC102M45070□VA	
	1200	40×90	0.20	133	4.60	LFC122M40090□VA	
1200	45×80	0.20	133	4.60	LFC122M45080□VA		
1500	45×100	0.20	106	5.50	LFC152M45100□VA		
1500	50×80	0.20	106	5.60	LFC152M50080□VA		
1800	50×90	0.20	89	6.40	LFC182M50090□VA		
2200	50×105	0.20	72	7.50	LFC222M50105□VA		
550 (600)	180	30×40	0.20	885	1.20	LFZ181M30040□VA	
	220	30×45	0.20	724	1.30	LFZ221M30045□VA	
	270	30×50	0.20	590	1.60	LFZ271M30050□VA	
	330	30×60	0.20	483	1.80	LFZ331M30060□VA	
	330	35×50	0.20	483	1.80	LFZ331M35050□VA	
	390	30×70	0.20	409	2.10	LFZ391M30070□VA	
	390	35×55	0.20	409	2.10	LFZ391M35055□VA	
	470	35×60	0.20	339	2.30	LFZ471M35060□VA	
	560	35×70	0.20	285	2.70	LFZ561M35070□VA	
	560	40×60	0.20	285	2.70	LFZ561M40060□VA	
	680	35×90	0.20	235	3.20	LFZ681M35090□VA	
	600 (650)	680	40×70	0.20	235	3.20	LFZ681M40070□VA
820		40×80	0.20	195	3.60	LFZ821M40080□VA	
820		45×70	0.20	195	3.60	LFZ821M45070□VA	
1000		45×80	0.20	160	4.00	LFZ102M45080□VA	
1000		50×70	0.20	160	4.00	LFZ102M50070□VA	
1200		45×100	0.20	133	4.60	LFZ122M45100□VA	
1200		50×80	0.20	133	4.60	LFZ122M50080□VA	
1500		50×100	0.20	106	5.65	LFZ152M50100□VA	
150		30×45	0.20	1061	1.00	LFB151M30045□VA	
180		30×50	0.20	885	1.20	LFB181M30050□VA	
220		30×60	0.20	724	1.40	LFB221M30060□VA	
270		30×70	0.20	590	1.60	LFB271M30070□VA	
330		35×60	0.20	483	1.80	LFB331M35060□VA	
330		40×50	0.20	483	1.80	LFB331M40050□VA	
390		35×70	0.20	409	2.20	LFB391M35070□VA	
390		40×60	0.20	409	2.20	LFB391M40060□VA	
470		35×80	0.20	339	2.50	LFB471M35080□VA	
470		40×70	0.20	339	2.50	LFB471M40070□VA	
560		35×90	0.20	285	2.90	LFB561M35090□VA	
560		40×80	0.20	285	2.90	LFB561M40080□VA	
680		40×90	0.20	235	3.40	LFB681M40090□VA	
680		45×70	0.20	235	3.30	LFB681M45070□VA	
820		45×85	0.20	195	3.90	LFB821M45085□VA	
820		50×70	0.20	195	4.10	LFB821M50070□VA	
1000		45×100	0.20	160	4.60	LFB102M45100□VA	
1000		50×80	0.20	160	4.50	LFB102M50080□VA	
1200		50×95	0.20	133	5.30	LFB122M50095□VA	
650 (700)		150	30×45	0.25	1592	1.00	LFA151M30045□VA
		180	30×50	0.25	1327	1.20	LFA181M30050□VA
		220	30×60	0.25	1086	1.40	LFA221M30060□VA
		270	30×70	0.25	885	1.60	LFA271M30070□VA
		270	35×50	0.25	885	1.50	LFA271M35050□VA
		330	30×85	0.25	724	1.90	LFA331M30085□VA
	330	40×50	0.25	724	1.80	LFA331M40050□VA	
	390	40×60	0.25	612	2.10	LFA391M40060□VA	
	470	40×70	0.25	508	2.40	LFA471M40070□VA	
	470	45×55	0.25	508	2.40	LFA471M45055□VA	
	560	40×80	0.25	427	2.80	LFA561M40080□VA	
	560	45×65	0.25	427	2.80	LFA561M45065□VA	
	680	40×95	0.25	351	3.40	LFA681M40095□VA	
	680	45×75	0.25	351	3.20	LFA681M45075□VA	
	820	45×90	0.25	291	3.80	LFA821M45090□VA	
	820	50×75	0.25	291	3.80	LFA821M50075□VA	
	1000	45×105	0.25	239	4.50	LFA102M45105□VA	
	1000	50×90	0.25	239	4.40	LFA102M50090□VA	
1200	50×105	0.25	199	5.20	LFA122M50105□VA		
700 (750)	180	35×45	0.25	1327	1.20	LF5181M35045□VA	
	220	35×50	0.25	1086	1.40	LF5221M35050□VA	
	270	35×60	0.25	885	1.54	LF5271M35060□VA	
	330	35×70	0.25	724	1.92	LF5331M35070□VA	
	470	35×80	0.25	508	2.28	LF5471M35080□VA	
	560	40×100	0.25	427	3.20	LF5561M40100□VA	

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*记载之外的体积，请另行咨询。

* Please ask for advice for other sizes.

*铝电解电容器由于承受纹波电流而发热，随着温升而发生性能劣化。请在使用中降低产品承受的纹波电流。

*Aluminum electrolytic capacitor will emit heat when ripple current is applied, the performance will deteriorate when temp. rises. Please reduce the ripple current when using capacitor.