LP 系列 SERUES

For welding | Standard | RoHS

●电焊机专用标准品。
Special design for welding machine.

●保证 85℃、2000 小时寿命。（叠加纹波电流）
Endurance with ripple current: 2000 hours at 85℃

●额定工作电压范围：16V～500V
Rated voltage range: 16V-500V

LD P78
Welding Machine
LP

◆规格表 SPECIFICATIONS

项 目 Items	特 性 Characteristics	
工作温度范围 Operating Temperature Range	－40～+85℃	－25～+85℃
额定工作电压范围 Rated Working Voltage Range	16～250V	315～500V
静电容量允许偏差 Capacitance Tolerance	±20% (20℃,120Hz)	

损耗角正切值 Dissipation Factor（MAX） 20℃，120Hz

U_R(V)	16	25	35	50	63	80	100	160～315	350～400	450～500
tanδ	0.50	0.45	0.40	0.35	0.30	0.25	0.20	0.15	0.18	0.20

阻抗比 Impedance Ratio（MAX）120Hz

U_R(V)	16～100	160～200	250	315	350～400	450～500
$Z_{-25℃}/Z_{+20℃}$	4	3	4	7	7	8
$Z_{-40℃}/Z_{+20℃}$	18	15	15			

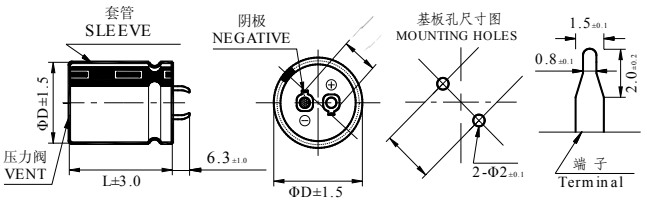
漏电流 Leakage Current（MAX）

I＝0.01$C_R U_R$ 或 1.5mA 取小者 （20℃，施加额定电压 2 分钟后）
I＝0.01$C_R U_R$ or 1.5mA whichever is minimum（at 20℃，After 2 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

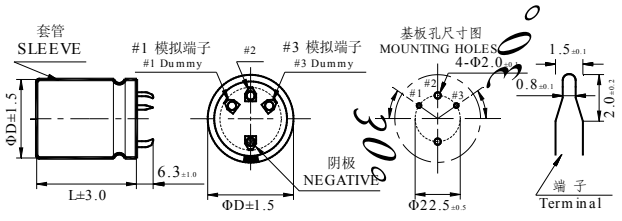
	使用寿命 Useful Life		负荷寿命 Load Life	耐久性特性 Endurance Test	高温无负荷特性 Shelf Life	
产品寿命 Shelf Life	4000h	>65000	2000h	2000h	1000h	
漏电流 Leakage Current	≤规定值 ≤Specified value		≤规定值 ≤Specified value	≤规定值 ≤Specified value	≤规定值 ≤Specified value	
损耗角正切值变化率 tanδ Change	≤规定值的 300% ≤300% of specified value		≤规定值的 200% ≤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 失效率等级 Failure Rate Level	U_R I_R 85℃ ≤1% Failure rate	U_R $1.2\times I_R$ 40℃ ≤1% Failure rate	U_R I_R 85℃ 0%	U_R I_R=0 85℃ 0%	U_R=0 I_R=0 85℃ 0%	Back up to 20 ℃ 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



F-Type：Lock Terminal
J-Type：With short pin（4±0.5）Lock Terminal
Unit:mm



Φ35 O-Type
P-Type：With short pin（4±0.5）Lock Terminal
Unit:mm

●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

●例如：Example LP 400V470μF Φ35×50 ±20%

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
L	P	G	4	7	1	M	3	5	0	5	0	F	V	A

客户特殊要求 special requirement
套管材质代码 Sleeve Code
端子型式代码 Lead Form Code
高度代码（例：50→050）The height of the code（mm）
直径代码（例：35→35，22→22）Diameter code（mm）
容差代码（例：±20%→M，±10%→K） Capacitance Tolerance code
容量代码（例：470→471，2200→222）Capacitance Code（μF）
电压代码（例：400V→G，500V→C）Rated Voltage Code（V）
产品系列代码（例：HU→HU） Series Code

◆纹波电流修正系数 Rated Ripple Current Multiplies

●频率修正系数 Frequency coefficient

频率（Hz） Frequency / 电压范围（v） Rated voltage	50 (60)	100 (120)	300	1k	≥10k
16～50WV	0.90	1.00	1.05	1.10	1.15
63～100WV	0.85	1.00	1.17	1.32	1.45
160～500WV	0.80	1.00	1.16	1.30	1.41

●温度修正系数 Temperature coefficient

温度（℃） Temperature / 电压范围（v） Rated voltage	+40	+55	+70	+85
16～100WV	2.1	1.8	1.5	1.0
160～500WV	1.7	1.5	1.3	1.0

LP 系列 SERUES

◆产品一览表 **Standard Ratings**

WV_{DC} (Surge Voltage) (V)	Cap (μF)	Size D×L (mm)	tanδ 20℃120Hz	Ripple Current 85℃120Hz (Arms)	Catalog Part Number
16 (20)	8200	22×25	0.50	2.2	LPV822M22025□VA
	10000	22×30	0.50	2.6	LPV103M22030□VA
	10000	25×25	0.50	2.6	LPV103M25025□VA
	12000	22×35	0.50	3.0	LPV123M22035□VA
	12000	25×30	0.50	3.0	LPV123M25030□VA
	12000	30×25	0.50	3.1	LPV123M30025□VA
	15000	22×40	0.50	3.3	LPV153M22040□VA
	15000	25×30	0.50	3.3	LPV153M25030□VA
	15000	30×25	0.50	3.4	LPV153M30025□VA
	18000	22×45	0.50	3.8	LPV183M22045□VA
	18000	25×35	0.50	3.7	LPV183M25035□VA
	18000	30×30	0.50	3.8	LPV183M30030□VA
	22000	22×50	0.50	4.2	LPV223M22050□VA
	22000	25×40	0.50	4.2	LPV223M25040□VA
	22000	30×30	0.50	4.2	LPV223M30030□VA
	22000	35×25	0.50	4.4	LPV223M35025□VA
	27000	25×45	0.50	5.0	LPV273M25045□VA
	27000	30×35	0.50	5.0	LPV273M30035□VA
	27000	35×30	0.50	5.1	LPV273M35030□VA
	33000	30×40	0.50	5.6	LPV333M30040□VA
	33000	35×30	0.50	5.6	LPV333M35030□VA
	39000	30×45	0.50	6.2	LPV393M30045□VA
	39000	35×35	0.50	6.3	LPV393M35035□VA
	47000	30×50	0.50	7.0	LPV473M30050□VA
	47000	35×40	0.50	7.2	LPV473M35040□VA
	56000	30×60	0.50	8.1	LPV563M30060□VA
	56000	35×45	0.50	8.0	LPV563M35045□VA
	68000	35×55	0.50	8.9	LPV683M35055□VA
	82000	35×60	0.50	9.6	LPV823M35060□VA
25 (32)	5600	22×25	0.45	2.0	LPU562M22025□VA
	6800	22×30	0.45	2.3	LPU682M22030□VA
	6800	25×25	0.45	2.3	LPU682M25025□VA
	8200	22×35	0.45	2.6	LPU822M22035□VA
	8200	25×30	0.45	2.6	LPU822M25030□VA
	8200	30×25	0.45	2.7	LPU822M30025□VA
	10000	22×40	0.45	2.9	LPU103M22040□VA
	10000	25×30	0.45	2.8	LPU103M25030□VA
	10000	30×25	0.45	3.0	LPU103M30025□VA
	12000	22×45	0.45	3.3	LPU123M22045□VA
	12000	25×35	0.45	3.2	LPU123M25035□VA
	12000	30×30	0.45	3.4	LPU123M30030□VA
	12000	35×25	0.45	3.5	LPU123M35025□VA
	15000	22×50	0.45	3.9	LPU153M22050□VA
	15000	25×40	0.45	3.7	LPU153M25040□VA
	15000	30×35	0.45	4.0	LPU153M30035□VA
	15000	35×25	0.45	3.9	LPU153M35025□VA
	18000	25×50	0.45	4.3	LPU183M25050□VA
	18000	30×35	0.45	4.2	LPU183M30035□VA
	18000	35×30	0.45	4.4	LPU183M35030□VA
	22000	30×40	0.45	4.8	LPU223M30040□VA
	22000	35×35	0.45	5.0	LPU223M35035□VA
	27000	30×50	0.45	5.6	LPU273M30050□VA
	27000	35×40	0.45	5.6	LPU273M35040□VA
	33000	30×55	0.45	6.5	LPU333M30055□VA
	33000	35×40	0.45	6.5	LPU333M35040□VA
	39000	35×50	0.45	7.5	LPU393M35050□VA
	47000	35×55	0.45	8.2	LPU473M35055□VA
	56000	35×60	0.45	9.1	LPU563M35060□VA

WV_{DC} (Surge Voltage) (V)	Cap (μF)	Size D×L (mm)	tanδ 20℃120Hz	Ripple Current 85℃120Hz (Arms)	Catalog Part Number
35 (44)	3300	22×25	0.40	1.8	LPT332M22025□VA
	3900	22×30	0.40	2.1	LPT392M22030□VA
	3900	25×25	0.40	2.1	LPT392M25025□VA
	4700	22×35	0.40	2.2	LPT472M22035□VA
	4700	25×25	0.40	2.2	LPT472M25025□VA
	5600	22×35	0.40	2.3	LPT562M22035□VA
	5600	25×30	0.40	2.3	LPT562M25030□VA
	5600	30×25	0.40	2.4	LPT562M30025□VA
	6800	22×40	0.40	2.5	LPT682M22040□VA
	6800	25×35	0.40	2.6	LPT682M25035□VA
	6800	30×25	0.40	2.7	LPT682M30025□VA
	8200	22×50	0.40	2.8	LPT822M22050□VA
	8200	25×40	0.40	2.8	LPT822M25040□VA
	8200	30×30	0.40	2.8	LPT822M30030□VA
	8200	35×25	0.40	2.9	LPT822M35025□VA
	10000	25×45	0.40	3.1	LPT103M25045□VA
	10000	30×35	0.40	3.2	LPT103M30035□VA
	10000	35×25	0.40	3.1	LPT103M35025□VA
	12000	25×50	0.40	3.5	LPT123M25050□VA
	12000	30×40	0.40	3.5	LPT123M30040□VA
	12000	35×30	0.40	3.6	LPT123M35030□VA
	15000	30×45	0.40	4.1	LPT153M30045□VA
	15000	35×35	0.40	4.1	LPT153M35035□VA
	18000	30×50	0.40	4.6	LPT183M30050□VA
	18000	35×40	0.40	4.7	LPT183M35040□VA
	22000	30×60	0.40	5.4	LPT223M30060□VA
	22000	35×45	0.40	5.3	LPT223M35045□VA
	27000	35×50	0.40	7.0	LPT273M35050□VA
	33000	35×60	0.40	8.2	LPT333M35060□VA
50 (63)	2200	22×25	0.35	1.7	LPR222M22025□VA
	2700	22×30	0.35	1.9	LPR272M22030□VA
	2700	25×25	0.35	1.9	LPR272M25025□VA
	3300	22×35	0.35	2.0	LPR332M22035□VA
	3300	25×30	0.35	2.0	LPR332M25030□VA
	3300	30×25	0.35	2.2	LPR332M30025□VA
	3900	22×40	0.35	2.1	LPR392M22040□VA
	3900	25×30	0.35	2.1	LPR392M25030□VA
	3900	30×25	0.35	2.3	LPR392M30025□VA
	4700	22×45	0.35	2.4	LPR472M22045□VA
	4700	25×35	0.35	2.4	LPR472M25035□VA
	4700	30×30	0.35	2.4	LPR472M30030□VA
	4700	35×25	0.35	2.4	LPR472M35025□VA
	5600	22×50	0.35	2.5	LPR562M22050□VA
	5600	25×40	0.35	2.5	LPR562M25040□VA
	5600	30×30	0.35	2.5	LPR562M30030□VA
	5600	35×25	0.35	2.6	LPR562M35025□VA
	6800	25×45	0.35	2.8	LPR682M25045□VA
	6800	30×35	0.35	2.8	LPR682M30035□VA
	6800	35×30	0.35	2.9	LPR682M35030□VA
	8200	25×50	0.35	3.2	LPR822M25050□VA
	8200	30×40	0.35	3.0	LPR822M30040□VA
	8200	35×30	0.35	3.0	LPR822M35030□VA
	10000	30×45	0.35	3.4	LPR103M30045□VA
	10000	35×35	0.35	3.4	LPR103M35035□VA
	12000	30×50	0.35	3.8	LPR123M30050□VA
	12000	35×40	0.35	3.8	LPR123M35040□VA
	15000	30×60	0.35	4.6	LPR153M30060□VA
	15000	35×45	0.35	4.5	LPR153M35045□VA

*产品编码中□内为产品端子引出型式代码
*□Enter the appropriate terminal code

LP 系列 SERUES

◆产品一览表 **Standard Ratings**

WV_{DC} (Surge Voltage) (V)	Cap (μF)	Size D×L (mm)	tanδ 20℃120Hz	Ripple Current 85℃120Hz (Arms)	Catalog Part Number
50 (63)	18000	35×55	0.35	5.2	LPR183M35055□VA
	22000	35×60	0.35	6.0	LPR223M35060□VA
63 (79)	1500	22×25	0.30	1.6	LPQ152M22025□VA
	1800	22×30	0.30	1.8	LPQ182M22030□VA
	1800	25×25	0.30	1.8	LPQ182M25025□VA
	2200	22×30	0.30	2.0	LPQ222M22030□VA
	2200	25×25	0.30	2.0	LPQ222M25025□VA
	2700	22×35	0.30	2.2	LPQ272M22035□VA
	2700	25×30	0.30	2.2	LPQ272M25030□VA
	2700	30×25	0.30	2.2	LPQ272M30025□VA
	3300	22×40	0.30	2.3	LPQ332M22040□VA
	3300	25×35	0.30	2.3	LPQ332M25035□VA
	3300	30×25	0.30	2.3	LPQ332M30025□VA
	3900	22×45	0.30	2.5	LPQ392M22045□VA
	3900	25×40	0.30	2.6	LPQ392M25040□VA
	3900	30×30	0.30	2.6	LPQ392M30030□VA
	3900	35×25	0.30	2.7	LPQ392M35025□VA
	4700	22×50	0.30	2.7	LPQ472M22050□VA
	4700	25×45	0.30	2.6	LPQ472M25045□VA
	4700	30×35	0.30	2.8	LPQ472M30035□VA
	4700	35×25	0.30	2.8	LPQ472M35025□VA
	5600	25×50	0.30	3.1	LPQ562M25050□VA
	5600	30×40	0.30	3.2	LPQ562M30040□VA
	5600	35×30	0.30	3.3	LPQ562M35030□VA
	6800	30×45	0.30	3.6	LPQ682M30045□VA
	6800	35×35	0.30	3.7	LPQ682M35035□VA
	8200	30×50	0.30	3.7	LPQ822M30050□VA
	8200	35×40	0.30	3.8	LPQ822M35040□VA
	10000	30×60	0.30	4.4	LPQ103M30060□VA
	10000	35×45	0.30	4.3	LPQ103M35045□VA
	12000	35×50	0.30	4.8	LPQ123M35050□VA
	15000	35×60	0.30	5.6	LPQ153M35060□VA
80 (100)	1000	22×25	0.25	1.3	LPP102M22025□VA
	1200	22×30	0.25	1.5	LPP122M22030□VA
	1200	25×25	0.25	1.5	LPP122M25025□VA
	1500	22×35	0.25	1.8	LPP152M22035□VA
	1500	25×25	0.25	1.7	LPP152M25025□VA
	1800	22×40	0.25	1.9	LPP182M22040□VA
	1800	25×30	0.25	1.9	LPP182M25030□VA
	1800	30×25	0.25	2.0	LPP182M30025□VA
	2200	22×40	0.25	2.1	LPP222M22040□VA
	2200	25×35	0.25	2.2	LPP222M25035□VA
	2200	30×25	0.25	2.2	LPP222M30025□VA
	2700	22×50	0.25	2.5	LPP272M22050□VA
	2700	25×40	0.25	2.5	LPP272M25040□VA
	2700	30×30	0.25	2.5	LPP272M30030□VA
	2700	35×25	0.25	2.5	LPP272M35025□VA
	3300	25×45	0.25	2.8	LPP332M25045□VA
	3300	30×35	0.25	2.8	LPP332M30035□VA
	3300	35×30	0.25	2.9	LPP332M35030□VA
	3900	25×50	0.25	3.1	LPP392M25050□VA
	3900	30×40	0.25	3.2	LPP392M30040□VA
	3900	35×30	0.25	3.2	LPP392M35030□VA
	4700	30×45	0.25	3.4	LPP472M30045□VA
	4700	35×35	0.25	3.4	LPP472M35035□VA
	5600	30×50	0.25	3.6	LPP562M30050□VA
	5600	35×40	0.25	3.5	LPP562M35040□VA
	6800	30×60	0.25	4.2	LPP682M30060□VA

WV_{DC} (Surge Voltage) (V)	Cap (μF)	Size D×L (mm)	tanδ 20℃120Hz	Ripple Current 85℃120Hz (Arms)	Catalog Part Number
80 (100)	6800	35×45	0.25	4.1	LPP682M35045□VA
	8200	35×50	0.25	4.7	LPP822M35050□VA
	10000	35×60	0.25	5.6	LPP103M35060□VA
100 (125)	680	22×25	0.20	1.1	LPO681M22025□VA
	820	22×30	0.20	1.2	LPO821M22030□VA
	820	25×25	0.20	1.2	LPO821M25025□VA
	1000	22×35	0.20	1.3	LPO102M22035□VA
	1000	25×30	0.20	1.4	LPO102M25030□VA
	1000	30×25	0.20	1.4	LPO102M30025□VA
	1200	22×40	0.20	1.6	LPO122M22040□VA
	1200	25×30	0.20	1.6	LPO122M25030□VA
	1200	30×25	0.20	1.7	LPO122M30025□VA
	1500	25×35	0.20	1.7	LPO152M25035□VA
	1500	30×30	0.20	1.8	LPO152M30030□VA
	1500	35×25	0.20	1.9	LPO152M35025□VA
	1800	22×50	0.20	2.1	LPO182M22050□VA
	1800	25×40	0.20	2.0	LPO182M25040□VA
	1800	30×30	0.20	2.1	LPO182M30030□VA
	1800	35×25	0.20	2.2	LPO182M35025□VA
	2200	25×45	0.20	2.2	LPO222M25045□VA
	2200	30×35	0.20	2.3	LPO222M30035□VA
	2200	35×30	0.20	2.5	LPO222M35030□VA
	2700	25×50	0.20	2.6	LPO272M25050□VA
	2700	30×40	0.20	2.7	LPO272M30040□VA
	2700	35×35	0.20	2.8	LPO272M35035□VA
	3300	30×50	0.20	3.0	LPO332M30050□VA
	3300	35×35	0.20	3.1	LPO332M35035□VA
	3900	30×55	0.20	3.4	LPO392M30055□VA
	3900	35×40	0.20	3.4	LPO392M35040□VA
	4700	30×60	0.20	3.9	LPO472M30060□VA
	4700	35×50	0.20	4.0	LPO472M35050□VA
	5600	35×55	0.20	4.5	LPO562M35055□VA
	6800	35×60	0.20	5.2	LPO682M35060□VA
160 (200)	330	22×25	0.15	1.36	LPN331M22025□VA
	390	25×25	0.15	1.45	LPN391M25025□VA
	470	22×35	0.15	1.63	LPN471M22035□VA
	560	22×35	0.15	1.75	LPN561M22035□VA
	560	25×30	0.15	1.75	LPN561M25030□VA
	560	30×25	0.15	1.75	LPN561M30025□VA
	680	22×40	0.15	1.98	LPN681M22040□VA
	680	25×35	0.15	1.98	LPN681M25035□VA
	820	22×50	0.15	2.35	LPN821M22050□VA
	820	25×40	0.15	2.35	LPN821M25040□VA
	820	30×30	0.15	2.35	LPN821M30030□VA
	820	35×25	0.15	2.35	LPN821M35025□VA
	1000	25×45	0.15	2.50	LPN102M25045□VA
	1000	30×35	0.15	2.50	LPN102M30035□VA
	1000	35×30	0.15	2.50	LPN102M35030□VA
	1200	25×50	0.15	2.87	LPN122M25050□VA
	1200	30×40	0.15	2.87	LPN122M30040□VA
	1200	35×35	0.15	2.87	LPN122M35035□VA
	1500	30×45	0.15	3.57	LPN152M30045□VA
	1500	35×40	0.15	3.60	LPN152M35040□VA
	1800	35×45	0.15	4.15	LPN182M35045□VA
	2200	35×50	0.15	4.65	LPN222M35050□VA
200 (250)	220	22×25	0.15	1.10	LPL221M22025□VA
	270	22×25	0.15	1.17	LPL271M22025□VA
	330	22×30	0.15	1.40	LPL331M22030□VA

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*□Enter the appropriate terminal code

LP 系列 SERUES

◆产品一览表 **Standard Ratings**

WV_{DC} (Surge Voltage) (V)	Cap (μF)	Size D×L (mm)	tanδ 20℃120Hz	Ripple Current 85℃120Hz (Arms)	Catalog Part Number
200 (250)	330	25×25	0.15	1.40	LPL331M25025□VA
	390	22×30	0.15	1.45	LPL391M22030□VA
	470	22×35	0.15	1.55	LPL471M22035□VA
	470	25×30	0.15	1.55	LPL471M25030□VA
	470	30×25	0.15	1.60	LPL471M30025□VA
	560	22×45	0.15	1.65	LPL561M22045□VA
	560	25×35	0.15	1.65	LPL561M25035□VA
	680	22×50	0.15	1.68	LPL681M22050□VA
	680	25×40	0.15	1.92	LPL681M25040□VA
	680	30×30	0.15	1.92	LPL681M30030□VA
	680	35×25	0.15	2.20	LPL681M35025□VA
	820	25×45	0.15	2.20	LPL821M25045□VA
	820	30×35	0.15	2.20	LPL821M30035□VA
	820	35×30	0.15	2.40	LPL821M35030□VA
	1000	30×40	0.15	2.40	LPL102M30040□VA
	1000	35×35	0.15	2.40	LPL102M35035□VA
	1200	30×45	0.15	2.75	LPL122M30045□VA
	1200	35×40	0.15	2.75	LPL122M35040□VA
	1500	35×40	0.15	3.45	LPL152M35040□VA
	1800	35×45	0.15	4.00	LPL182M35045□VA
	2200	35×50	0.15	4.50	LPL222M35050□VA
250 (300)	180	22×25	0.15	1.00	LPJ181M22025□VA
	220	22×30	0.15	1.20	LPJ221M22030□VA
	220	25×25	0.15	1.20	LPJ221M25025□VA
	270	22×35	0.15	1.25	LPJ271M22035□VA
	330	22×40	0.15	1.30	LPJ331M22040□VA
	330	25×30	0.15	1.35	LPJ331M25030□VA
	330	30×25	0.15	1.35	LPJ331M30025□VA
	390	22×45	0.15	1.40	LPJ391M22045□VA
	390	25×35	0.15	1.45	LPJ391M25035□VA
	470	22×50	0.15	1.65	LPJ471M22050□VA
	470	30×30	0.15	1.65	LPJ471M30030□VA
	470	35×25	0.15	1.65	LPJ471M35025□VA
	560	25×45	0.15	1.85	LPJ561M25045□VA
	560	30×35	0.15	1.85	LPJ561M30035□VA
	560	35×30	0.15	1.85	LPJ561M35030□VA
	680	25×50	0.15	2.20	LPJ681M25050□VA
	680	30×40	0.15	2.20	LPJ681M30040□VA
	820	30×45	0.15	2.50	LPJ821M30045□VA
	820	30×50	0.15	2.50	LPJ821M30050□VA
	1000	30×50	0.15	2.90	LPJ102M30050□VA
	1000	35×40	0.15	2.90	LPJ102M35040□VA
	1200	35×45	0.15	3.30	LPJ122M35045□VA
	1500	35×50	0.15	3.80	LPJ152M35050□VA
315 (365)	100	22×25	0.15	0.70	LPI101M22025□VA
	120	22×30	0.15	0.82	LPI121M22030□VA
	150	22×30	0.15	0.96	LPI151M22030□VA
	150	25×25	0.15	0.99	LPI151M25025□VA
	180	22×35	0.15	1.11	LPI181M22035□VA
	180	25×30	0.15	1.15	LPI181M25030□VA
	180	30×25	0.15	1.18	LPI181M30025□VA
	220	22×40	0.15	1.29	LPI221M22040□VA
	220	25×35	0.15	1.27	LPI221M25035□VA
	220	30×25	0.15	1.30	LPI221M30025□VA
	270	22×45	0.15	1.50	LPI271M22045□VA
	270	25×40	0.15	1.49	LPI271M25040□VA
	270	30×30	0.15	1.53	LPI271M30030□VA
	270	35×25	0.15	1.56	LPI271M35025□VA

WV_{DC} (Surge Voltage) (V)	Cap (μF)	Size D×L (mm)	tanδ 20℃120Hz	Ripple Current 85℃120Hz (Arms)	Catalog Part Number
315 (365)	330	25×45	0.15	1.73	LPI331M25045□VA
	330	30×35	0.15	1.78	LPI331M30035□VA
	330	35×30	0.15	1.83	LPI331M35030□VA
	390	25×50	0.15	1.97	LPI391M25050□VA
	390	30×40	0.15	1.94	LPI391M30040□VA
	390	35×30	0.15	1.99	LPI391M35030□VA
	470	30×45	0.15	2.23	LPI471M30045□VA
	470	35×35	0.15	2.29	LPI471M35035□VA
	560	30×50	0.15	2.62	LPI561M30050□VA
	560	35×40	0.15	2.62	LPI561M35040□VA
	680	30×60	0.15	3.01	LPI681M30060□VA
	680	35×45	0.15	3.01	LPI681M35045□VA
	820	35×50	0.15	3.44	LPI821M35050□VA
	1000	35×60	0.15	3.55	LPI102M35060□VA
350 (400)	82	22×25	0.18	0.64	LPH820M22025□VA
	100	22×25	0.18	0.75	LPH101M22025□VA
	120	22×30	0.18	0.86	LPH121M22030□VA
	120	25×25	0.18	0.88	LPH121M25025□VA
	150	22×35	0.18	1.01	LPH151M22035□VA
	150	25×30	0.18	1.05	LPH151M25030□VA
	150	30×25	0.18	1.05	LPH151M30025□VA
	180	22×40	0.18	1.17	LPH181M22040□VA
	180	25×30	0.18	1.21	LPH181M25030□VA
	180	30×25	0.18	1.18	LPH181M30025□VA
	220	22×45	0.18	1.35	LPH221M22045□VA
	220	25×35	0.18	1.34	LPH221M25035□VA
	220	30×30	0.18	1.38	LPH221M30030□VA
	220	35×25	0.18	1.41	LPH221M35025□VA
	270	22×50	0.18	1.5	LPH271M22050□VA
	270	25×45	0.18	1.64	LPH271M25045□VA
	270	30×35	0.18	1.61	LPH271M30035□VA
	270	35×25	0.18	1.65	LPH271M35025□VA
	330	25×50	0.18	1.89	LPH331M25050□VA
	330	30×40	0.18	1.87	LPH331M30040□VA
	330	35×30	0.18	1.83	LPH331M35030□VA
	390	30×45	0.18	2.12	LPH391M30045□VA
	390	35×35	0.18	2.09	LPH391M35035□VA
	470	30×50	0.18	2.43	LPH471M30050□VA
	470	35×45	0.18	2.40	LPH471M35045□VA
	560	30×55	0.18	2.70	LPH561M30055□VA
	560	35×45	0.18	2.73	LPH561M35045□VA
	680	30×60	0.18	3.10	LPH681M30060□VA
	680	35×50	0.18	3.13	LPH681M35050□VA
	820	35×60	0.18	3.20	LPH821M35060□VA
	1000	35×60	0.18	3.40	LPH102M35060□VA
400 (450)	47	22×25	0.18	0.50	LPG470M22025□VA
	56	22×25	0.18	0.52	LPG560M22025□VA
	68	22×25	0.18	0.56	LPG680M22025□VA
	82	22×25	0.18	0.66	LPG820M22025□VA
	100	22×30	0.18	0.78	LPG101M22030□VA
	100	25×25	0.18	0.81	LPG101M25025□VA
	120	22×35	0.18	0.86	LPG121M22035□VA
	120	25×30	0.18	0.88	LPG121M25030□VA
	120	30×25	0.18	0.90	LPG121M30025□VA
	150	22×40	0.18	1.01	LPG151M22040□VA
	150	25×30	0.18	1.05	LPG151M25030□VA
	150	30×25	0.18	1.08	LPG151M30025□VA
	180	22×45	0.18	1.17	LPG181M22045□VA

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WV_{DC} (Surge Voltage) (V)	Cap (μF)	Size D×L (mm)	tanδ 20℃120Hz	Ripple Current 85℃120Hz (Arms)	Catalog Part Number
400 (450)	180	25×35	0.18	1.21	LPG181M25035□VA
	180	30×30	0.18	1.18	LPG181M30030□VA
	180	35×25	0.18	1.28	LPG181M35025□VA
	220	22×50	0.18	1.35	LPG221M22050□VA
	220	25×40	0.18	1.41	LPG221M25040□VA
	220	30×35	0.18	1.38	LPG221M30035□VA
	220	35×25	0.18	1.41	LPG221M35025□VA
	270	25×45	0.18	1.64	LPG271M25045□VA
	270	30×40	0.18	1.61	LPG271M30040□VA
	270	35×30	0.18	1.65	LPG271M35030□VA
	330	25×50	0.18	1.89	LPG331M25050□VA
	330	30×40	0.18	1.87	LPG331M30040□VA
	330	35×30	0.18	1.83	LPG331M35030□VA
	390	30×50	0.18	2.12	LPG391M30050□VA
	390	35×35	0.18	2.09	LPG391M35035□VA
	470	30×50	0.18	2.43	LPG471M30050□VA
	470	35×40	0.18	2.40	LPG471M35040□VA
	470	35×45	0.18	2.40	LPG471M35045□VA
	470	35×50	0.18	2.40	LPG471M35050□VA
	560	30×60	0.18	2.73	LPG561M30060□VA
	560	35×50	0.18	2.73	LPG561M35050□VA
	680	35×50	0.18	3.17	LPG681M35050□VA
	680	35×55	0.18	3.17	LPG681M35055□VA
	680	35×60	0.18	3.17	LPG681M35060□VA
	820	35×60	0.18	3.23	LPG821M35060□VA
450 (500)	47	22×25	0.20	0.52	LPE470M22025□VA
	56	22×25	0.20	0.55	LPE560M22025□VA
	68	22×30	0.20	0.57	LPE680M22030□VA
	68	25×25	0.20	0.57	LPE680M25025□VA
	82	22×30	0.20	0.65	LPE820M22030□VA
	82	25×25	0.20	0.65	LPE820M25025□VA
	100	22×35	0.20	0.72	LPE101M22035□VA
	100	25×30	0.20	0.73	LPE101M25030□VA
	100	30×25	0.20	0.73	LPE101M30025□VA
	120	22×40	0.20	0.80	LPE121M22040□VA
	120	25×35	0.20	0.83	LPE121M25035□VA
	150	22×45	0.20	0.95	LPE151M22045□VA
	150	25×35	0.20	0.95	LPE151M25035□VA
	150	30×30	0.20	0.98	LPE151M30030□VA
	180	22×50	0.20	1.1	LPE181M22050□VA
	180	25×40	0.20	1.1	LPE181M25040□VA
	180	30×30	0.20	1.1	LPE181M30030□VA

WV_{DC} (Surge Voltage) (V)	Cap (μF)	Size D×L (mm)	tanδ 20℃120Hz	Ripple Current 85℃120Hz (Arms)	Catalog Part Number
450 (500)	180	35×25	0.20	1.2	LPE181M35025□VA
	220	25×50	0.20	1.2	LPE221M25050□VA
	220	30×35	0.20	1.3	LPE221M30035□VA
	220	35×30	0.20	1.3	LPE221M35030□VA
	270	30×40	0.20	1.4	LPE271M30040□VA
	270	35×35	0.20	1.5	LPE271M35035□VA
	330	30×45	0.20	1.7	LPE331M30045□VA
	330	35×35	0.20	1.7	LPE331M35035□VA
	390	30×55	0.20	2.0	LPE391M30055□VA
	390	35×40	0.20	1.9	LPE391M35040□VA
	470	30×60	0.20	2.3	LPE471M30060□VA
	470	35×50	0.20	2.2	LPE471M35050□VA
	560	35×55	0.20	2.5	LPE561M35055□VA
	680	35×60	0.20	2.9	LPE681M35060□VA
500 (550)	47	22×25	0.20	0.53	LPC470M22025□VA
	56	22×30	0.20	0.56	LPC560M22030□VA
	68	22×35	0.20	0.60	LPC680M22035□VA
	68	25×25	0.20	0.60	LPC680M25025□VA
	82	22×40	0.20	0.75	LPC820M22040□VA
	82	25×30	0.20	0.75	LPC820M25030□VA
	100	22×45	0.20	0.90	LPC101M22045□VA
	100	25×35	0.20	0.90	LPC101M25035□VA
	100	30×25	0.20	0.90	LPC101M30025□VA
	120	22×50	0.20	1.00	LPC121M22050□VA
	120	25×40	0.20	1.00	LPC121M25040□VA
	120	30×30	0.20	1.00	LPC121M30030□VA
	150	25×45	0.20	1.20	LPC151M25045□VA
	150	30×35	0.20	1.20	LPC151M30035□VA
	150	35×25	0.20	1.20	LPC151M35025□VA
	180	25×50	0.20	1.40	LPC181M25050□VA
	180	30×40	0.20	1.40	LPC181M30040□VA
	180	35×30	0.20	1.40	LPC181M35030□VA
	220	30×45	0.20	1.60	LPC221M30045□VA
	220	35×35	0.20	1.60	LPC221M35035□VA
	270	30×50	0.20	1.80	LPC271M30050□VA
	270	35×40	0.20	1.80	LPC271M35040□VA
	330	30×60	0.20	2.00	LPC331M30060□VA
	330	35×45	0.20	2.00	LPC331M35045□VA
	390	35×50	0.20	2.30	LPC391M35050□VA
	470	35×60	0.20	2.50	LPC471M35060□VA
	560	35×70	0.20	2.70	LPC561M35070□VA

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*记载之外的体积，请另行咨询。
* Please consult to us for the terminal type not displayed in content.

*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，每升高 5℃寿命减少一半。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. the useful life will be half of original life when temp rises every 5℃. Please reduce the ripple current when using capacitor.