

LP 系列 SERIES



- 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

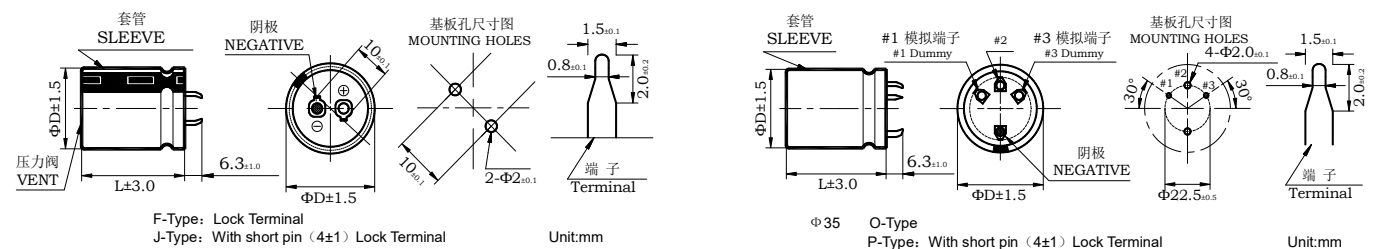
规格表 SPECIFICATIONS

| 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 | 16~100V | 160~500V | | | | | | | | | | | | | | | | | | | | | | |
| 静电容量允许偏差 Capacitance Tolerance | ±20% (20℃, 120Hz) | | | | | | | | | | | | | | | | | | | | | | | |
| 损耗角正切值 Dissipation Factor (MAX) 20℃, 120Hz | <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>160~315</td> <td>350~400</td> <td>450~500</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>0.18</td> <td>0.20</td> </tr> </table> | | 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 |
| 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 | <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>450~500</td> </tr> <tr> <td>Z_{25℃/Z+20℃}</td> <td>4</td> <td>3</td> <td>4</td> <td>7</td> <td>7</td> <td>8</td> </tr> <tr> <td>Z_{40℃/Z+20℃}</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 | 450~500 | Z _{25℃/Z+20℃} | 4 | 3 | 4 | 7 | 7 | 8 | Z _{40℃/Z+20℃} | 18 | | | | | | |
| 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 | | | | | | | | | | | | | | | | | | | | | | | |
| 漏电流 Leakage Current (MAX) | I=0.01C _R U _R 或 1.5mA 取小者 (20℃, 施加额定电压 5 分钟后) I=0.01C _R U _R or 1.5mA whichever is minimum (at 20℃, 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 Shelf Life | 4000h | >65000 | 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 失效等级 Failure Rate Level | U _R I _R 85℃ ≤1% Failure rate | U _R 1.2×I _R 40℃ ≤1% Failure rate | U _R I _R 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. |

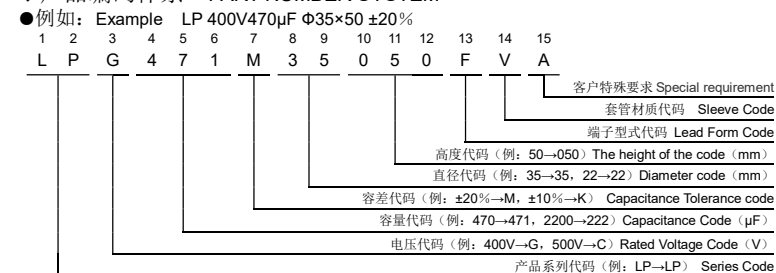
尺寸图 Dimensions

● 常用端子型式代码: Terminal Code



● 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 |
| 160~500VV | | 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 (℃) Temperature | +40 | +55 | +70 | +85 |
|---------------------------|-----------------------|-----|-----|-----|-----|
| 16~100VV | | 2.1 | 1.8 | 1.5 | 1.0 |
| 160~500VV | | 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 | Ripple Current 85°C/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 |
| | 25 (32) | 33000 | 30×40 | 0.50 | 5.6 |
| 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 |
| 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°C/120Hz | Ripple Current 85°C/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 |
| 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 SERIES

◆ 产品一览表 Standard Ratings

| WV _{dc} (Surge Voltage) (V) | Cap (μ F) | Size D×L (mm) | tan δ 20°C/120Hz | Ripple Current 85°C/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 (μ F) | Size D×L (mm) | tan δ 20°C/120Hz | Ripple Current 85°C/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 | |

*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) | $\tan\delta$ 20°C/120Hz | Ripple Current 85°C/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 | 0.18 | 0.70 | LPH101M22025□VA |
| | 120 | 22×30 | 0.18 | 0.82 | LPH121M22030□VA |
| | 150 | 22×30 | 0.18 | 0.96 | LPH151M22030□VA |
| | 150 | 25×25 | 0.18 | 0.99 | LPH151M25025□VA |
| | 180 | 22×35 | 0.18 | 1.11 | LPH181M22035□VA |
| | 180 | 25×30 | 0.18 | 1.15 | LPH181M25030□VA |
| | 180 | 30×25 | 0.18 | 1.18 | LPH181M30025□VA |
| | 220 | 22×40 | 0.18 | 1.29 | LPH221M22040□VA |
| | 220 | 25×35 | 0.18 | 1.27 | LPH221M25035□VA |
| | 220 | 30×25 | 0.18 | 1.30 | LPH221M30025□VA |
| | 270 | 22×45 | 0.18 | 1.50 | LPH271M22045□VA |
| | 270 | 25×40 | 0.18 | 1.49 | LPH271M25040□VA |
| | 270 | 30×30 | 0.18 | 1.53 | LPH271M30030□VA |
| | 270 | 35×25 | 0.18 | 1.56 | LPH271M35025□VA |

| WV _{dc} (Surge Voltage) (V) | Cap (μ F) | Size D×L (mm) | $\tan\delta$ 20°C/120Hz | Ripple Current 85°C/120Hz (Arms) | Catalog Part Number | |
|--|-------------------|---------------------|----------------------------|--|---------------------|-----------------|
| 315 (365) | 330 | 25×45 | 0.18 | 1.73 | LPI331M25045□VA | |
| | 330 | 30×35 | 0.18 | 1.78 | LPI331M30035□VA | |
| | 330 | 35×30 | 0.18 | 1.83 | LPI331M35030□VA | |
| | 390 | 25×50 | 0.18 | 1.97 | LPI391M25050□VA | |
| | 390 | 30×40 | 0.18 | 1.94 | LPI391M30040□VA | |
| | 390 | 35×30 | 0.18 | 1.99 | LPI391M35030□VA | |
| | 470 | 30×45 | 0.18 | 2.23 | LPI471M30045□VA | |
| | 470 | 35×35 | 0.18 | 2.29 | LPI471M35035□VA | |
| | 560 | 30×50 | 0.18 | 2.62 | LPI561M30050□VA | |
| | 560 | 35×40 | 0.18 | 2.62 | LPI561M35040□VA | |
| | 680 | 30×60 | 0.18 | 3.01 | LPI681M30060□VA | |
| | 680 | 35×45 | 0.18 | 3.01 | LPI681M35045□VA | |
| | 820 | 35×50 | 0.18 | 3.44 | LPI821M35050□VA | |
| | 1000 | 35×60 | 0.18 | 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 | |

*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 SERIES

◆ 产品一览表 Standard Ratings

| WV _{dc} (Surge Voltage) (V) | Cap (μ F) | Size D×L (mm) | tan δ 20°C/120Hz | Ripple Current 85°C/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 | 2.20 | LPG471M30050□VA |
| | 470 | 35×40 | 0.18 | 2.19 | LPG471M35040□VA |
| | 470 | 35×45 | 0.18 | 2.30 | LPG471M35045□VA |
| | 470 | 35×50 | 0.18 | 2.40 | LPG471M35050□VA |
| | 450 (500) | 560 | 30×60 | 0.18 | 2.73 |
| 560 | | 35×50 | 0.18 | 2.73 | LPG561M35050□VA |
| 680 | | 35×50 | 0.18 | 2.93 | LPG681M35050□VA |
| 680 | | 35×55 | 0.18 | 3.05 | LPG681M35055□VA |
| 680 | | 35×60 | 0.18 | 3.17 | LPG681M35060□VA |
| 820 | | 35×60 | 0.18 | 3.23 | LPG821M35060□VA |
| 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 (μ F) | Size D×L (mm) | tan δ 20°C/120Hz | Ripple Current 85°C/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 | | |

*产品编码中□内为产品端子引出型式代码

*□Enter the appropriate terminal code

*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.

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[EKXG351ETD6R8MJ16S](#) [EKZM160ETD471MHB5D](#) [EPA-201ELL151MM25S](#) [NCD681K10KVY5PF](#) [NRLF103M25V35X20F](#)
[KM4700/16](#) [KME50VB100M-8X11.5](#) [RXJ222M1EBK-1625](#) [SG220M1CSA-0407](#) [ES5107M016AE1DA](#) [ESX472M16B](#) [MAL211929479E3](#)
[40D506F050DF5A](#) [TE1202E](#) [36DA273F050BB2A](#) [KME25VB100M-6.3X11](#) [511D336M250EK5D](#) [511D337M035CG4D](#)
[515D477M035CG8PE3](#) [052687X](#) [EKMA500ELL4R7ME07D](#) [EKRG100ETC221MF09D](#) [NRE-S560M16V6.3X7TBSTF](#)
[ERZA630VHN182UP54N](#) [MAL214099813E3](#) [MAL211990518E3](#) [MAL204281229E3](#) [NEV680M35EF](#) [686KXM050M](#) [ERS1VM222L30OT](#)
[EGW2GM150W16OT](#) [EGS2GM6R8G12OC](#) [EHS2GM220W20OT](#) [ERF1VM222L30OT](#) [ERF1KM151G20OT](#) [EKZE500ELL101MHB5D](#)
[EKMM251VSN221MP25S](#) [RGA221M1HBK-1016G](#)