

# LP系列 SERIES



- 电焊机专用标准品。  
Special design for welding machine
- 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 ~ 500V  
Rated voltage range: 16V-500V

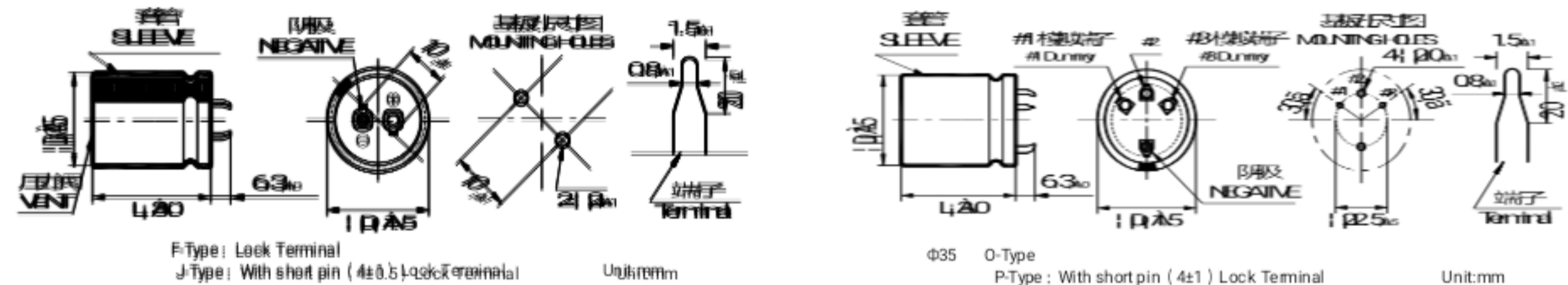
## ◆规格表 SPECIFICATIONS

| 项目<br>Items                                       | 特性<br>Characteristics   |          |      |           |      |              |      |           |           |           |           |
|---|---|----------|------|-----------|------|--------------|------|-----------|-----------|-----------|-----------|
|   |   |          |      |           |      |              |      |           |           |           |           |
| 工作温度范围<br>Operating Temperature Range             | - 40 ~ +85°C  |          |      |           |      | - 25 ~ +85°C |      |           |           |           |           |
| 额定工作电压范围<br>Rated Working Voltage Range           | 16 ~ 100V   |          |      |           |      | 160 ~ 500V   |      |           |           |           |           |
| 静电容量允许偏差<br>Capacitance Tolerance                 | ±20% (20°C, 120Hz)  |          |      |           |      |              |      |           |           |           |           |
| 损耗角正切值<br>Dissipation Factor (MAX)<br>20°C, 120Hz | U <sub>R</sub> (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<br>Impedance Ratio (MAX) 120Hz                | U <sub>R</sub> (V)  | 16 ~ 100 |      | 160 ~ 200 |      | 250          | 315  | 350 ~ 400 |           | 450 ~ 500 |           |
|   | Z <sub>25°C</sub> /Z <sub>+20°C</sub>   | 4        |      | 3         |      | 4            | 7    | 7         |           | 8         |           |
|   | Z <sub>40°C</sub> /Z <sub>+20°C</sub>   | 18       |      |           |      |              |      |           |           |           |           |
| 漏电流<br>Leakage Current (MAX)                      | I = 0.01C <sub>R</sub> U <sub>R</sub> 或1.5mA取小者 (20°C, 施加额定电压5分钟后)<br>I = 0.01C <sub>R</sub> U <sub>R</sub> or 1.5mA whichever is minimum (at 20°C, After 5 minutes application of rated voltage)<br>I = 漏电流 (µA) U <sub>R</sub> = 额定电压 (V) C <sub>R</sub> = 静电容量 (µF)<br>Leakage Current Rated Voltage Rated Capacitance |          |      |           |      |              |      |           |           |           |           |

|   | 使用寿命<br>Useful Life  |  | 负荷寿命<br>Load Life                              | 耐久性特性<br>Endurance Test                           | 高温无负荷特性<br>Shelf Life   |
|---|--|--|--|---|---|
|   | 4000h  | >65000   |  |   |   |
| 产品寿命<br>Shelf Life  | 4000h  | >65000   | 2000h  | 2000h   | 1000h   |
| 漏电流<br>Leakage Current  | ≤规定值<br>≤Specified value                                     |  | ≤规定值<br>≤Specified value                       | ≤规定值<br>≤Specified value                          | ≤规定值<br>≤Specified value  |
| 损耗角正切值变化率<br>tanδ Change  | ≤规定值的300%<br>≤300% of specified value                        |  | ≤规定值的200%<br>≤200% of specified value          | ≤规定值的200%<br>≤200% of specified value             | ≤规定值的200%<br>≤200% of specified value   |
| 静电容量变化率<br>Capacitance Change   | 初始值±30%以内<br>Within±30% of initial value                     |  | 初始值±20%以内<br>Within±20% of initial value       | 初始值±20%以内<br>Within±20% of initial value          | 初始值±20%以内<br>Within±20% of initial value  |
| 施加条件 Condition<br>施加电压 Applied Voltage<br>施加纹波电流 Applied Ripple Current<br>环境温度 Applied Temperature<br>失效率等级 Failure Rate Level | U <sub>R</sub><br>I <sub>R</sub><br>85°C<br>≤1% Failure rate | U <sub>R</sub><br>1.2×I <sub>R</sub><br>40°C<br>≤1% Failure rate | U <sub>R</sub><br>I <sub>R</sub><br>85°C<br>0% | U <sub>R</sub><br>I <sub>R</sub> =0<br>85°C<br>0% | U <sub>R</sub> =0<br>I <sub>R</sub> =0<br>85°C<br>0%<br>Back up to 20 °C and placed more than 24 hours. U <sub>R</sub> to be applied for 60 min before measurement. |

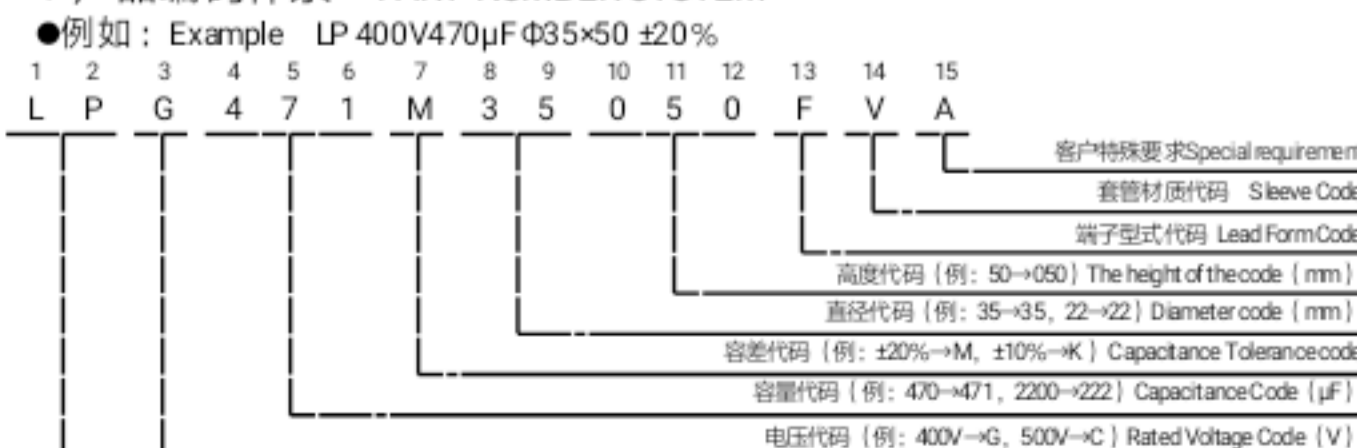
## ◆尺寸图 Dimensions

- 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)<br>Rated voltage | 频率 (Hz)<br>Frequency |           |      |      |      |
|---------------------------|----------------------|-----------|------|------|------|
|                           | 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

| 电压范围 (v)<br>Rated voltage | 温度 (°C)<br>Temperature |     |     |     |
|---------------------------|------------------------|-----|-----|-----|
|                           | +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 SERIES

## ◆ 产品一览表 Standard Ratings

| WV <sub>DC</sub><br>(Surge Voltage)<br>(V) | Cap<br>( $\mu$ F) | Size<br>D×L<br>(mm) | tan $\delta$<br>20°C/120Hz | Ripple Current<br>85°C/120Hz<br>(Arms) | Catalog Part Number | WV <sub>DC</sub><br>(Surge Voltage)<br>(V) | Cap<br>( $\mu$ F) | Size<br>D×L<br>(mm) | tan $\delta$<br>20°C/120Hz | Ripple Current<br>85°C/120Hz<br>(Arms) | Catalog Part Number |                 |                 |
|--|-------------------|---------------------|----------------------------|--|---------------------|--|-------------------|---------------------|----------------------------|--|---------------------|-----------------|-----------------|
| 16<br>(20)                                 | 8200              | 22×25               | 0.50                       | 2.2                                    | LPV822M22025□VA     | 35<br>(44)                                 | 3300              | 22×25               | 0.40                       | 1.8                                    | LPT332M22025□VA     |                 |                 |
|  | 10000             | 22×30               | 0.50                       | 2.6                                    | LPV103M22030□VA     |  | 3900              | 22×30               | 0.40                       | 2.1                                    | LPT392M22030□VA     |                 |                 |
|  | 10000             | 25×25               | 0.50                       | 2.6                                    | LPV103M25025□VA     |  | 3900              | 25×25               | 0.40                       | 2.1                                    | LPT392M25025□VA     |                 |                 |
|  | 12000             | 22×35               | 0.50                       | 3.0                                    | LPV123M22035□VA     |  | 4700              | 22×35               | 0.40                       | 2.2                                    | LPT472M22035□VA     |                 |                 |
|  | 12000             | 25×30               | 0.50                       | 3.0                                    | LPV123M25030□VA     |  | 4700              | 25×25               | 0.40                       | 2.2                                    | LPT472M25025□VA     |                 |                 |
|  | 12000             | 30×25               | 0.50                       | 3.1                                    | LPV123M30025□VA     |  | 5600              | 22×35               | 0.40                       | 2.3                                    | LPT562M22035□VA     |                 |                 |
|  | 15000             | 22×40               | 0.50                       | 3.3                                    | LPV153M22040□VA     |  | 5600              | 25×30               | 0.40                       | 2.3                                    | LPT562M25030□VA     |                 |                 |
|  | 15000             | 25×30               | 0.50                       | 3.3                                    | LPV153M25030□VA     |  | 5600              | 30×25               | 0.40                       | 2.4                                    | LPT562M30025□VA     |                 |                 |
|  | 15000             | 30×25               | 0.50                       | 3.4                                    | LPV153M30025□VA     |  | 6800              | 22×40               | 0.40                       | 2.5                                    | LPT682M22040□VA     |                 |                 |
|  | 18000             | 22×45               | 0.50                       | 3.8                                    | LPV183M22045□VA     |  | 6800              | 25×35               | 0.40                       | 2.6                                    | LPT682M25035□VA     |                 |                 |
|  | 18000             | 25×35               | 0.50                       | 3.7                                    | LPV183M25035□VA     |  | 6800              | 30×25               | 0.40                       | 2.7                                    | LPT682M30025□VA     |                 |                 |
|  | 18000             | 30×30               | 0.50                       | 3.8                                    | LPV183M30030□VA     |  | 8200              | 22×50               | 0.40                       | 2.8                                    | LPT822M22050□VA     |                 |                 |
|  | 22000             | 22×50               | 0.50                       | 4.2                                    | LPV223M22050□VA     |  | 8200              | 25×40               | 0.40                       | 2.8                                    | LPT822M25040□VA     |                 |                 |
|  | 22000             | 25×40               | 0.50                       | 4.2                                    | LPV223M25040□VA     |  | 8200              | 30×30               | 0.40                       | 2.8                                    | LPT822M30030□VA     |                 |                 |
|  | 22000             | 30×30               | 0.50                       | 4.2                                    | LPV223M30030□VA     |  | 8200              | 35×25               | 0.40                       | 2.9                                    | LPT822M35025□VA     |                 |                 |
|  | 22000             | 35×25               | 0.50                       | 4.4                                    | LPV223M35025□VA     |  | 10000             | 25×45               | 0.40                       | 3.1                                    | LPT103M25045□VA     |                 |                 |
|  | 27000             | 25×45               | 0.50                       | 5.0                                    | LPV273M25045□VA     |  | 10000             | 30×35               | 0.40                       | 3.2                                    | LPT103M30035□VA     |                 |                 |
|  | 27000             | 30×35               | 0.50                       | 5.0                                    | LPV273M30035□VA     |  | 10000             | 35×25               | 0.40                       | 3.1                                    | LPT103M35025□VA     |                 |                 |
|  | 27000             | 35×30               | 0.50                       | 5.1                                    | LPV273M35030□VA     |  | 12000             | 25×50               | 0.40                       | 3.5                                    | LPT123M25050□VA     |                 |                 |
|  | 33000             | 30×40               | 0.50                       | 5.6                                    | LPV333M30040□VA     |  | 12000             | 30×40               | 0.40                       | 3.5                                    | LPT123M30040□VA     |                 |                 |
|  | 33000             | 35×30               | 0.50                       | 5.6                                    | LPV333M35030□VA     |  | 12000             | 35×30               | 0.40                       | 3.6                                    | LPT123M35030□VA     |                 |                 |
|  | 39000             | 30×45               | 0.50                       | 6.2                                    | LPV393M30045□VA     |  | 15000             | 30×45               | 0.40                       | 4.1                                    | LPT153M30045□VA     |                 |                 |
|  | 39000             | 35×35               | 0.50                       | 6.3                                    | LPV393M35035□VA     |  | 15000             | 35×35               | 0.40                       | 4.1                                    | LPT153M35035□VA     |                 |                 |
|  | 47000             | 30×50               | 0.50                       | 7.0                                    | LPV473M30050□VA     |  | 18000             | 30×50               | 0.40                       | 4.6                                    | LPT183M30050□VA     |                 |                 |
|  | 47000             | 35×40               | 0.50                       | 7.2                                    | LPV473M35040□VA     |  | 18000             | 35×40               | 0.40                       | 4.7                                    | LPT183M35040□VA     |                 |                 |
|  | 56000             | 30×60               | 0.50                       | 8.1                                    | LPV563M30060□VA     |  | 22000             | 30×60               | 0.40                       | 5.4                                    | LPT223M30060□VA     |                 |                 |
|  | 56000             | 35×45               | 0.50                       | 8.0                                    | LPV563M35045□VA     |  | 22000             | 35×45               | 0.40                       | 5.3                                    | LPT223M35045□VA     |                 |                 |
|  | 68000             | 35×55               | 0.50                       | 8.9                                    | LPV683M35055□VA     |  | 27000             | 35×50               | 0.40                       | 7.0                                    | LPT273M35050□VA     |                 |                 |
|  | 82000             | 35×60               | 0.50                       | 9.6                                    | LPV823M35060□VA     |  | 33000             | 35×60               | 0.40                       | 8.2                                    | LPT333M35060□VA     |                 |                 |
|  | 25<br>(32)        | 5600                | 22×25                      | 0.45                                   | 2.0                 |  | LPU562M22025□VA   | 50<br>(63)          | 2200                       | 22×25                                  | 0.35                | 1.7             | LPR222M22025□VA |
|  |                   | 6800                | 22×30                      | 0.45                                   | 2.3                 |  | LPU682M22030□VA   |                     | 2700                       | 22×30                                  | 0.35                | 1.9             | LPR272M22030□VA |
|  |                   | 6800                | 25×25                      | 0.45                                   | 2.3                 |  | LPU682M25025□VA   |                     | 2700                       | 25×25                                  | 0.35                | 1.9             | LPR272M25025□VA |
| 8200                                       |                   | 22×35               | 0.45                       | 2.6                                    | LPU822M22035□VA     |  | 3300              |                     | 22×35                      | 0.35                                   | 2.0                 | LPR332M22035□VA |                 |
| 8200                                       |                   | 25×30               | 0.45                       | 2.6                                    | LPU822M25030□VA     |  | 3300              |                     | 25×30                      | 0.35                                   | 2.0                 | LPR332M25030□VA |                 |
| 8200                                       |                   | 30×25               | 0.45                       | 2.7                                    | LPU822M30025□VA     |  | 3300              |                     | 30×25                      | 0.35                                   | 2.2                 | LPR332M30025□VA |                 |
| 10000                                      |                   | 22×40               | 0.45                       | 2.9                                    | LPU103M22040□VA     |  | 3900              |                     | 22×40                      | 0.35                                   | 2.1                 | LPR392M22040□VA |                 |
| 10000                                      |                   | 25×30               | 0.45                       | 2.8                                    | LPU103M25030□VA     |  | 3900              |                     | 25×30                      | 0.35                                   | 2.1                 | LPR392M25030□VA |                 |
| 10000                                      |                   | 30×25               | 0.45                       | 3.0                                    | LPU103M30025□VA     |  | 3900              |                     | 30×25                      | 0.35                                   | 2.3                 | LPR392M30025□VA |                 |
| 12000                                      |                   | 22×45               | 0.45                       | 3.3                                    | LPU123M22045□VA     |  | 4700              |                     | 22×45                      | 0.35                                   | 2.4                 | LPR472M22045□VA |                 |
| 12000                                      |                   | 25×35               | 0.45                       | 3.2                                    | LPU123M25035□VA     |  | 4700              |                     | 25×35                      | 0.35                                   | 2.4                 | LPR472M25035□VA |                 |
| 12000                                      |                   | 30×30               | 0.45                       | 3.4                                    | LPU123M30030□VA     |  | 4700              |                     | 30×30                      | 0.35                                   | 2.4                 | LPR472M30030□VA |                 |
| 12000                                      |                   | 35×25               | 0.45                       | 3.5                                    | LPU123M35025□VA     |  | 4700              |                     | 35×25                      | 0.35                                   | 2.4                 | LPR472M35025□VA |                 |
| 15000                                      |                   | 22×50               | 0.45                       | 3.9                                    | LPU153M22050□VA     |  | 5600              |                     | 22×50                      | 0.35                                   | 2.5                 | LPR562M22050□VA |                 |
| 15000                                      |                   | 25×40               | 0.45                       | 3.7                                    | LPU153M25040□VA     |  | 5600              |                     | 25×40                      | 0.35                                   | 2.5                 | LPR562M25040□VA |                 |
| 15000                                      |                   | 30×35               | 0.45                       | 4.0                                    | LPU153M30035□VA     | 5600                                       | 30×30             |                     | 0.35                       | 2.5                                    | LPR562M30030□VA     |                 |                 |
| 15000                                      |                   | 35×25               | 0.45                       | 3.9                                    | LPU153M35025□VA     | 5600                                       | 35×25             |                     | 0.35                       | 2.6                                    | LPR562M35025□VA     |                 |                 |
| 18000                                      |                   | 25×50               | 0.45                       | 4.3                                    | LPU183M25050□VA     | 6800                                       | 25×45             |                     | 0.35                       | 2.8                                    | LPR682M25045□VA     |                 |                 |
| 18000                                      |                   | 30×35               | 0.45                       | 4.2                                    | LPU183M30035□VA     | 6800                                       | 30×35             |                     | 0.35                       | 2.8                                    | LPR682M30035□VA     |                 |                 |
| 18000                                      |                   | 35×30               | 0.45                       | 4.4                                    | LPU183M35030□VA     | 6800                                       | 35×30             |                     | 0.35                       | 2.9                                    | LPR682M35030□VA     |                 |                 |
| 22000                                      |                   | 30×40               | 0.45                       | 4.8                                    | LPU223M30040□VA     | 8200                                       | 25×50             |                     | 0.35                       | 3.2                                    | LPR822M25050□VA     |                 |                 |
| 22000                                      |                   | 35×35               | 0.45                       | 5.0                                    | LPU223M35035□VA     | 8200                                       | 30×40             |                     | 0.35                       | 3.0                                    | LPR822M30040□VA     |                 |                 |
| 27000                                      |                   | 30×50               | 0.45                       | 5.6                                    | LPU273M30050□VA     | 8200                                       | 35×30             |                     | 0.35                       | 3.0                                    | LPR822M35030□VA     |                 |                 |
| 27000                                      |                   | 35×40               | 0.45                       | 5.6                                    | LPU273M35040□VA     | 10000                                      | 30×45             |                     | 0.35                       | 3.4                                    | LPR103M30045□VA     |                 |                 |
| 33000                                      |                   | 30×55               | 0.45                       | 6.5                                    | LPU333M30055□VA     | 10000                                      | 35×35             |                     | 0.35                       | 3.4                                    | LPR103M35035□VA     |                 |                 |
| 33000                                      |                   | 35×40               | 0.45                       | 6.5                                    | LPU333M35040□VA     | 12000                                      | 30×50             |                     | 0.35                       | 3.8                                    | LPR123M30050□VA     |                 |                 |
| 39000                                      |                   | 35×50               | 0.45                       | 7.5                                    | LPU393M35050□VA     | 12000                                      | 35×40             |                     | 0.35                       | 3.8                                    | LPR123M35040□VA     |                 |                 |
| 47000                                      |                   | 35×55               | 0.45                       | 8.2                                    | LPU473M35055□VA     | 15000                                      | 30×60             |                     | 0.35                       | 4.6                                    | LPR153M30060□VA     |                 |                 |
| 56000                                      |                   | 35×60               | 0.45                       | 9.1                                    | LPU563M35060□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 <sub>DC</sub><br>(Surge Voltage)<br>(V) | Cap<br>( $\mu$ F) | Size<br>D×L<br>(mm) | tan $\delta$<br>20°C/120Hz | Ripple Curr<br>ent<br>85°C/120Hz<br>(A rms) | Catalog Part Number | WV <sub>DC</sub><br>(Surge Voltage)<br>(V) | Cap<br>( $\mu$ F) | Size<br>D×L<br>(mm) | tan $\delta$<br>20°C/120Hz | Ripple Curr<br>ent<br>85°C/120Hz<br>(A rms) | Catalog Part Number |
|--|-------------------|---------------------|----------------------------|---|---------------------|--|-------------------|---------------------|----------------------------|---|---------------------|
| 50<br>(63)                                 | 18000             | 35×55               | 0.35                       | 5.2   | LPR183M35055□VA     | 80<br>(100)                                | 6800              | 35×45               | 0.25                       | 4.1   | LPP682M35045□VA     |
|  | 22000             | 35×60               | 0.35                       | 6.0   | LPR223M35060□VA     |  | 8200              | 35×50               | 0.25                       | 4.7   | LPP822M35050□VA     |
| 63<br>(79)                                 | 1500              | 22×25               | 0.30                       | 1.6   | LPQ152M22025□VA     |  | 10000             | 35×60               | 0.25                       | 5.6   | LPP103M35060□VA     |
|  | 1800              | 22×30               | 0.30                       | 1.8   | LPQ182M22030□VA     | 680  | 22×25             | 0.20                | 1.1                        | LPO681M22025□VA                             |                     |
|  | 1800              | 25×25               | 0.30                       | 1.8   | LPQ182M25025□VA     | 820  | 22×30             | 0.20                | 1.2                        | LPO821M22030□VA                             |                     |
|  | 2200              | 22×30               | 0.30                       | 2.0   | LPQ222M22030□VA     | 820  | 25×25             | 0.20                | 1.2                        | LPO821M25025□VA                             |                     |
|  | 2200              | 25×25               | 0.30                       | 2.0   | LPQ222M25025□VA     | 1000                                       | 22×30             | 0.20                | 1.2                        | LPO102M22030□VA                             |                     |
|  | 2700              | 22×35               | 0.30                       | 2.2   | LPQ272M22035□VA     | 1000                                       | 25×30             | 0.20                | 1.4                        | LPO102M25030□VA                             |                     |
|  | 2700              | 25×30               | 0.30                       | 2.2   | LPQ272M25030□VA     | 1000                                       | 30×25             | 0.20                | 1.4                        | LPO102M30025□VA                             |                     |
|  | 2700              | 30×25               | 0.30                       | 2.2   | LPQ272M30025□VA     | 1200                                       | 22×40             | 0.20                | 1.6                        | LPO122M22040□VA                             |                     |
|  | 3300              | 22×40               | 0.30                       | 2.3   | LPQ332M22040□VA     | 1200                                       | 25×30             | 0.20                | 1.6                        | LPO122M25030□VA                             |                     |
|  | 3300              | 25×35               | 0.30                       | 2.3   | LPQ332M25035□VA     | 1200                                       | 30×25             | 0.20                | 1.7                        | LPO122M30025□VA                             |                     |
|  | 3300              | 30×25               | 0.30                       | 2.3   | LPQ332M30025□VA     | 1500                                       | 25×35             | 0.20                | 1.7                        | LPO152M25035□VA                             |                     |
|  | 3900              | 22×45               | 0.30                       | 2.5   | LPQ392M22045□VA     | 1500                                       | 30×30             | 0.20                | 1.8                        | LPO152M30030□VA                             |                     |
|  | 3900              | 25×40               | 0.30                       | 2.6   | LPQ392M25040□VA     | 1500                                       | 35×25             | 0.20                | 1.9                        | LPO152M35025□VA                             |                     |
|  | 3900              | 30×30               | 0.30                       | 2.6   | LPQ392M30030□VA     | 1800                                       | 22×50             | 0.20                | 2.1                        | LPO182M22050□VA                             |                     |
|  | 3900              | 35×25               | 0.30                       | 2.7   | LPQ392M35025□VA     | 1800                                       | 25×40             | 0.20                | 2.0                        | LPO182M25040□VA                             |                     |
|  | 4700              | 22×50               | 0.30                       | 2.7   | LPQ472M22050□VA     | 1800                                       | 30×30             | 0.20                | 2.1                        | LPO182M30030□VA                             |                     |
|  | 4700              | 25×45               | 0.30                       | 2.6   | LPQ472M25045□VA     | 1800                                       | 35×25             | 0.20                | 2.2                        | LPO182M35025□VA                             |                     |
|  | 4700              | 30×35               | 0.30                       | 2.8   | LPQ472M30035□VA     | 2200                                       | 25×45             | 0.20                | 2.2                        | LPO222M25045□VA                             |                     |
|  | 4700              | 35×25               | 0.30                       | 2.8   | LPQ472M35025□VA     | 2200                                       | 30×35             | 0.20                | 2.3                        | LPO222M30035□VA                             |                     |
|  | 5600              | 25×50               | 0.30                       | 3.1   | LPQ562M25050□VA     | 2200                                       | 35×30             | 0.20                | 2.5                        | LPO222M35030□VA                             |                     |
|  | 5600              | 30×40               | 0.30                       | 3.2   | LPQ562M30040□VA     | 2700                                       | 25×50             | 0.20                | 2.6                        | LPO272M25050□VA                             |                     |
|  | 5600              | 35×30               | 0.30                       | 3.3   | LPQ562M35030□VA     | 2700                                       | 30×40             | 0.20                | 2.7                        | LPO272M30040□VA                             |                     |
|  | 6800              | 30×45               | 0.30                       | 3.6   | LPQ682M30045□VA     | 2700                                       | 35×35             | 0.20                | 2.8                        | LPO272M35035□VA                             |                     |
|  | 6800              | 35×35               | 0.30                       | 3.7   | LPQ682M35035□VA     | 3300                                       | 30×50             | 0.20                | 3.0                        | LPO332M30050□VA                             |                     |
|  | 8200              | 30×50               | 0.30                       | 3.7   | LPQ822M30050□VA     | 3300                                       | 35×35             | 0.20                | 3.1                        | LPO332M35035□VA                             |                     |
|  | 8200              | 35×40               | 0.30                       | 3.8   | LPQ822M35040□VA     | 3900                                       | 30×55             | 0.20                | 3.4                        | LPO392M30055□VA                             |                     |
|  | 10000             | 30×60               | 0.30                       | 4.4   | LPQ103M30060□VA     | 3900                                       | 35×40             | 0.20                | 3.4                        | LPO392M35040□VA                             |                     |
|  | 10000             | 35×45               | 0.30                       | 4.3   | LPQ103M35045□VA     | 4700                                       | 30×60             | 0.20                | 3.9                        | LPO472M30060□VA                             |                     |
|  | 12000             | 35×50               | 0.30                       | 4.8   | LPQ123M35050□VA     | 4700                                       | 35×50             | 0.20                | 4.0                        | LPO472M35050□VA                             |                     |
|  | 15000             | 35×60               | 0.30                       | 5.6   | LPQ153M35060□VA     | 5600                                       | 35×55             | 0.20                | 4.5                        | LPO562M35055□VA                             |                     |
|  | 80<br>(100)       | 1000                | 22×25                      | 0.25  | 1.3                 | LPP102M22025□VA                            | 6800              | 35×60               | 0.20                       | 5.2   | LPO682M35060□VA     |
|  |                   | 1200                | 22×30                      | 0.25  | 1.5                 | LPP122M22030□VA                            | 330               | 22×25               | 0.15                       | 1.36  | LPN331M22025□VA     |
|  |                   | 1200                | 25×25                      | 0.25  | 1.5                 | LPP122M25025□VA                            | 390               | 25×25               | 0.15                       | 1.45  | LPN391M25025□VA     |
| 1500                                       |                   | 22×35               | 0.25                       | 1.8   | LPP152M22035□VA     | 470  | 22×35             | 0.15                | 1.63                       | LPN471M22035□VA                             |                     |
| 1500                                       |                   | 25×25               | 0.25                       | 1.7   | LPP152M25025□VA     | 560  | 22×35             | 0.15                | 1.75                       | LPN561M22035□VA                             |                     |
| 1800                                       |                   | 22×40               | 0.25                       | 1.9   | LPP182M22040□VA     | 560  | 25×30             | 0.15                | 1.75                       | LPN561M25030□VA                             |                     |
| 1800                                       |                   | 25×30               | 0.25                       | 1.9   | LPP182M25030□VA     | 560  | 30×25             | 0.15                | 1.75                       | LPN561M30025□VA                             |                     |
| 1800                                       |                   | 30×25               | 0.25                       | 2.0   | LPP182M30025□VA     | 680  | 22×40             | 0.15                | 1.98                       | LPN681M22040□VA                             |                     |
| 2200                                       |                   | 22×40               | 0.25                       | 2.1   | LPP222M22040□VA     | 680  | 25×35             | 0.15                | 1.98                       | LPN681M25035□VA                             |                     |
| 2200                                       |                   | 25×35               | 0.25                       | 2.2   | LPP222M25035□VA     | 820  | 22×50             | 0.15                | 2.35                       | LPN821M22050□VA                             |                     |
| 2200                                       |                   | 30×25               | 0.25                       | 2.2   | LPP222M30025□VA     | 820  | 25×40             | 0.15                | 2.35                       | LPN821M25040□VA                             |                     |
| 2700                                       |                   | 22×50               | 0.25                       | 2.5   | LPP272M22050□VA     | 820  | 30×30             | 0.15                | 2.35                       | LPN821M30030□VA                             |                     |
| 2700                                       |                   | 25×40               | 0.25                       | 2.5   | LPP272M25040□VA     | 820  | 35×25             | 0.15                | 2.35                       | LPN821M35025□VA                             |                     |
| 2700                                       |                   | 30×30               | 0.25                       | 2.5   | LPP272M30030□VA     | 1000                                       | 25×45             | 0.15                | 2.50                       | LPN102M25045□VA                             |                     |
| 2700                                       |                   | 35×25               | 0.25                       | 2.5   | LPP272M35025□VA     | 1000                                       | 30×35             | 0.15                | 2.50                       | LPN102M30035□VA                             |                     |
| 3300                                       |                   | 25×45               | 0.25                       | 2.8   | LPP332M25045□VA     | 1000                                       | 35×30             | 0.15                | 2.50                       | LPN102M35030□VA                             |                     |
| 3300                                       |                   | 30×35               | 0.25                       | 2.8   | LPP332M30035□VA     | 1200                                       | 25×50             | 0.15                | 2.87                       | LPN122M25050□VA                             |                     |
| 3300                                       |                   | 35×30               | 0.25                       | 2.9   | LPP332M35030□VA     | 1200                                       | 30×40             | 0.15                | 2.87                       | LPN122M30040□VA                             |                     |
| 3900                                       |                   | 25×50               | 0.25                       | 3.1   | LPP392M25050□VA     | 1200                                       | 35×35             | 0.15                | 2.87                       | LPN122M35035□VA                             |                     |
| 3900                                       |                   | 30×40               | 0.25                       | 3.2   | LPP392M30040□VA     | 1500                                       | 30×45             | 0.15                | 3.57                       | LPN152M30045□VA                             |                     |
| 3900                                       |                   | 35×30               | 0.25                       | 3.2   | LPP392M35030□VA     | 1500                                       | 35×40             | 0.15                | 3.60                       | LPN152M35040□VA                             |                     |
| 4700                                       |                   | 30×45               | 0.25                       | 3.4   | LPP472M30045□VA     | 1800                                       | 35×45             | 0.15                | 4.15                       | LPN182M35045□VA                             |                     |
| 4700                                       |                   | 35×35               | 0.25                       | 3.4   | LPP472M35035□VA     | 2200                                       | 35×50             | 0.15                | 4.65                       | LPN222M35050□VA                             |                     |
| 5600                                       |                   | 30×50               | 0.25                       | 3.6   | LPP562M30050□VA     | 220  | 22×25             | 0.15                | 1.10                       | LPL221M22025□VA                             |                     |
| 5600                                       |                   | 35×40               | 0.25                       | 3.5   | LPP562M35040□VA     | 270  | 22×25             | 0.15                | 1.17                       | LPL271M22025□VA                             |                     |
| 6800                                       |                   | 30×60               | 0.25                       | 4.2   | LPP682M30060□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

# LP 系列 SERIES

## ◆ 产品一览表 Standard Ratings

| WV <sub>DC</sub><br>(Surge Voltage)<br>(V) | Cap<br>( $\mu$ F) | Size<br>D $\times$ L<br>(mm) | tan $\delta$<br>20°C/120Hz | Ripple Current<br>85°C/120Hz<br>(Arms) | Catalog Part Number | WV <sub>DC</sub><br>(Surge Voltage)<br>(V) | Cap<br>( $\mu$ F) | Size<br>D $\times$ L<br>(mm) | tan $\delta$<br>20°C/120Hz | Ripple Current<br>85°C/120Hz<br>(Arms) | Catalog Part Number |
|--|-------------------|------------------------------|----------------------------|--|---------------------|--|-------------------|------------------------------|----------------------------|--|---------------------|
| 200<br>(250)                               | 330               | 25 $\times$ 25               | 0.15                       | 1.40                                   | LPL331M25025□VA     | 315<br>(365)                               | 270               | 30 $\times$ 30               | 0.18                       | 1.53                                   | LPI271M30030□VA     |
|  | 390               | 22 $\times$ 30               | 0.15                       | 1.45                                   | LPL391M22030□VA     |  | 270               | 35 $\times$ 25               | 0.18                       | 1.56                                   | LPI271M35025□VA     |
|  | 470               | 22 $\times$ 30               | 0.15                       | 1.45                                   | LPL471M22030□VA     |  | 330               | 25 $\times$ 45               | 0.18                       | 1.73                                   | LPI331M25045□VA     |
|  | 470               | 25 $\times$ 30               | 0.15                       | 1.55                                   | LPL471M25030□VA     |  | 330               | 30 $\times$ 35               | 0.18                       | 1.78                                   | LPI331M30035□VA     |
|  | 470               | 30 $\times$ 25               | 0.15                       | 1.60                                   | LPL471M30025□VA     |  | 330               | 35 $\times$ 30               | 0.18                       | 1.83                                   | LPI331M35030□VA     |
|  | 560               | 22 $\times$ 45               | 0.15                       | 1.65                                   | LPL561M22045□VA     |  | 390               | 25 $\times$ 50               | 0.18                       | 1.97                                   | LPI391M25050□VA     |
|  | 560               | 25 $\times$ 35               | 0.15                       | 1.65                                   | LPL561M25035□VA     |  | 390               | 30 $\times$ 40               | 0.18                       | 1.94                                   | LPI391M30040□VA     |
|  | 680               | 22 $\times$ 50               | 0.15                       | 1.68                                   | LPL681M22050□VA     |  | 390               | 35 $\times$ 30               | 0.18                       | 1.99                                   | LPI391M35030□VA     |
|  | 680               | 25 $\times$ 40               | 0.15                       | 1.92                                   | LPL681M25040□VA     |  | 470               | 30 $\times$ 45               | 0.18                       | 2.23                                   | LPI471M30045□VA     |
|  | 680               | 30 $\times$ 30               | 0.15                       | 1.92                                   | LPL681M30030□VA     |  | 470               | 35 $\times$ 35               | 0.18                       | 2.29                                   | LPI471M35035□VA     |
|  | 820               | 25 $\times$ 45               | 0.15                       | 2.20                                   | LPL821M25045□VA     |  | 560               | 30 $\times$ 50               | 0.18                       | 2.62                                   | LPI561M30050□VA     |
|  | 820               | 30 $\times$ 35               | 0.15                       | 2.20                                   | LPL821M30035□VA     |  | 560               | 35 $\times$ 40               | 0.18                       | 2.62                                   | LPI561M35040□VA     |
|  | 1000              | 25 $\times$ 50               | 0.15                       | 2.28                                   | LPL102M25050□VA     |  | 680               | 30 $\times$ 60               | 0.18                       | 3.01                                   | LPI681M30060□VA     |
|  | 1000              | 30 $\times$ 40               | 0.15                       | 2.40                                   | LPL102M30040□VA     |  | 680               | 35 $\times$ 45               | 0.18                       | 3.01                                   | LPI681M35045□VA     |
|  | 1200              | 30 $\times$ 45               | 0.15                       | 2.75                                   | LPL122M30045□VA     |  | 820               | 35 $\times$ 50               | 0.18                       | 3.44                                   | LPI821M35050□VA     |
|  | 1200              | 35 $\times$ 40               | 0.15                       | 2.75                                   | LPL122M35040□VA     |  | 1000              | 35 $\times$ 60               | 0.18                       | 3.55                                   | LPI102M35060□VA     |
|  | 1500              | 35 $\times$ 40               | 0.15                       | 3.45                                   | LPL152M35040□VA     |  | 82                | 22 $\times$ 25               | 0.18                       | 0.64                                   | LPH820M22025□VA     |
|  | 1800              | 35 $\times$ 45               | 0.15                       | 4.00                                   | LPL182M35045□VA     |  | 100               | 22 $\times$ 25               | 0.18                       | 0.75                                   | LPH101M22025□VA     |
|  | 2200              | 30 $\times$ 60               | 0.15                       | 4.47                                   | LPL222M30060□VA     |  | 120               | 22 $\times$ 30               | 0.18                       | 0.86                                   | LPH121M22030□VA     |
|  | 2200              | 35 $\times$ 50               | 0.15                       | 4.50                                   | LPL222M35050□VA     |  | 120               | 25 $\times$ 25               | 0.18                       | 0.88                                   | LPH121M25025□VA     |
| 3300                                       | 35 $\times$ 60    | 0.15                         | 5.28                       | LPL332M35060□VA                        | 150                 | 22 $\times$ 35                             | 0.18              | 1.01                         | LPH151M22035□VA            |  |                     |
| 220<br>(270)                               | 2200              | 30 $\times$ 65               | 0.15                       | 4.85                                   | LPK222M30065□VA     | 150  | 25 $\times$ 30    | 0.18                         | 1.05                       | LPH151M25030□VA                        |                     |
|  | 3300              | 35 $\times$ 65               | 0.15                       | 5.5                                    | LPK332M35065□VA     | 150  | 30 $\times$ 25    | 0.18                         | 1.05                       | LPH151M30025□VA                        |                     |
| 250<br>(300)                               | 180               | 22 $\times$ 25               | 0.15                       | 1.00                                   | LPJ181M22025□VA     | 180  | 22 $\times$ 40    | 0.18                         | 1.17                       | LPH181M22040□VA                        |                     |
|  | 220               | 22 $\times$ 30               | 0.15                       | 1.20                                   | LPJ221M22030□VA     | 180  | 25 $\times$ 30    | 0.18                         | 1.21                       | LPH181M25030□VA                        |                     |
|  | 220               | 25 $\times$ 25               | 0.15                       | 1.20                                   | LPJ221M25025□VA     | 180  | 30 $\times$ 25    | 0.18                         | 1.18                       | LPH181M30025□VA                        |                     |
|  | 270               | 22 $\times$ 35               | 0.15                       | 1.25                                   | LPJ271M22035□VA     | 220  | 22 $\times$ 45    | 0.18                         | 1.35                       | LPH221M22045□VA                        |                     |
|  | 330               | 22 $\times$ 40               | 0.15                       | 1.30                                   | LPJ331M22040□VA     | 220  | 25 $\times$ 35    | 0.18                         | 1.34                       | LPH221M25035□VA                        |                     |
|  | 330               | 25 $\times$ 30               | 0.15                       | 1.35                                   | LPJ331M25030□VA     | 220  | 30 $\times$ 30    | 0.18                         | 1.38                       | LPH221M30030□VA                        |                     |
|  | 330               | 30 $\times$ 25               | 0.15                       | 1.35                                   | LPJ331M30025□VA     | 220  | 35 $\times$ 25    | 0.18                         | 1.41                       | LPH221M35025□VA                        |                     |
|  | 390               | 22 $\times$ 45               | 0.15                       | 1.40                                   | LPJ391M22045□VA     | 270  | 22 $\times$ 50    | 0.18                         | 1.5                        | LPH271M22050□VA                        |                     |
|  | 390               | 25 $\times$ 35               | 0.15                       | 1.45                                   | LPJ391M25035□VA     | 270  | 25 $\times$ 45    | 0.18                         | 1.64                       | LPH271M25045□VA                        |                     |
|  | 470               | 22 $\times$ 50               | 0.15                       | 1.65                                   | LPJ471M22050□VA     | 270  | 30 $\times$ 35    | 0.18                         | 1.61                       | LPH271M30035□VA                        |                     |
|  | 470               | 30 $\times$ 30               | 0.15                       | 1.65                                   | LPJ471M30030□VA     | 270  | 35 $\times$ 25    | 0.18                         | 1.65                       | LPH271M35025□VA                        |                     |
|  | 470               | 35 $\times$ 25               | 0.15                       | 1.65                                   | LPJ471M35025□VA     | 330  | 25 $\times$ 50    | 0.18                         | 1.89                       | LPH331M25050□VA                        |                     |
|  | 560               | 25 $\times$ 45               | 0.15                       | 1.85                                   | LPJ561M25045□VA     | 330  | 30 $\times$ 30    | 0.18                         | 1.69                       | LPH331M30030□VA                        |                     |
|  | 560               | 30 $\times$ 35               | 0.15                       | 1.85                                   | LPJ561M30035□VA     | 390  | 30 $\times$ 45    | 0.18                         | 2.12                       | LPH391M30045□VA                        |                     |
|  | 680               | 22 $\times$ 45               | 0.15                       | 1.96                                   | LPJ681M22045□VA     | 390  | 35 $\times$ 35    | 0.18                         | 2.09                       | LPH391M35035□VA                        |                     |
|  | 680               | 25 $\times$ 50               | 0.15                       | 2.20                                   | LPJ681M25050□VA     | 470  | 30 $\times$ 50    | 0.18                         | 2.43                       | LPH471M30050□VA                        |                     |
|  | 820               | 30 $\times$ 45               | 0.15                       | 2.50                                   | LPJ821M30045□VA     | 470  | 35 $\times$ 45    | 0.18                         | 2.40                       | LPH471M35045□VA                        |                     |
|  | 820               | 30 $\times$ 50               | 0.15                       | 2.50                                   | LPJ821M30050□VA     | 560  | 30 $\times$ 55    | 0.18                         | 2.70                       | LPH561M30055□VA                        |                     |
|  | 1000              | 30 $\times$ 50               | 0.15                       | 2.90                                   | LPJ102M30050□VA     | 560  | 35 $\times$ 45    | 0.18                         | 2.73                       | LPH561M35045□VA                        |                     |
|  | 1000              | 35 $\times$ 40               | 0.15                       | 2.90                                   | LPJ102M35040□VA     | 680  | 30 $\times$ 60    | 0.18                         | 3.10                       | LPH681M30060□VA                        |                     |
| 1200                                       | 35 $\times$ 45    | 0.15                         | 3.30                       | LPJ122M35045□VA                        | 680                 | 35 $\times$ 50                             | 0.18              | 3.13                         | LPH681M35050□VA            |  |                     |
| 1500                                       | 35 $\times$ 50    | 0.15                         | 3.80                       | LPJ152M35050□VA                        | 820                 | 35 $\times$ 60                             | 0.18              | 3.20                         | LPH821M35060□VA            |  |                     |
| 2200                                       | 35 $\times$ 55    | 0.15                         | 4.68                       | LPJ222M35055□VA                        | 1000                | 30 $\times$ 70                             | 0.18              | 3.34                         | LPH102M30070□VA            |  |                     |
| 315<br>(365)                               | 100               | 22 $\times$ 25               | 0.18                       | 0.70                                   | LPI101M22025□VA     | 1000                                       | 35 $\times$ 60    | 0.18                         | 3.40                       | LPH102M35060□VA                        |                     |
|  | 120               | 22 $\times$ 30               | 0.18                       | 0.82                                   | LPI121M22030□VA     | 47   | 22 $\times$ 25    | 0.18                         | 0.50                       | LPG470M22025□VA                        |                     |
|  | 150               | 22 $\times$ 30               | 0.18                       | 0.96                                   | LPI151M22030□VA     | 56   | 22 $\times$ 25    | 0.18                         | 0.52                       | LPG560M22025□VA                        |                     |
|  | 150               | 25 $\times$ 25               | 0.18                       | 0.99                                   | LPI151M25025□VA     | 68   | 22 $\times$ 25    | 0.18                         | 0.56                       | LPG680M22025□VA                        |                     |
|  | 180               | 22 $\times$ 35               | 0.18                       | 1.11                                   | LPI181M22035□VA     | 82   | 22 $\times$ 25    | 0.18                         | 0.66                       | LPG820M22025□VA                        |                     |
|  | 180               | 25 $\times$ 30               | 0.18                       | 1.15                                   | LPI181M25030□VA     | 100  | 22 $\times$ 30    | 0.18                         | 0.78                       | LPG101M22030□VA                        |                     |
|  | 180               | 30 $\times$ 25               | 0.18                       | 1.18                                   | LPI181M30025□VA     | 100  | 25 $\times$ 25    | 0.18                         | 0.81                       | LPG101M25025□VA                        |                     |
|  | 220               | 22 $\times$ 40               | 0.18                       | 1.29                                   | LPI221M22040□VA     | 120  | 22 $\times$ 35    | 0.18                         | 0.86                       | LPG121M22035□VA                        |                     |
|  | 220               | 25 $\times$ 35               | 0.18                       | 1.27                                   | LPI221M25035□VA     | 120  | 25 $\times$ 30    | 0.18                         | 0.88                       | LPG121M25030□VA                        |                     |
|  | 220               | 30 $\times$ 25               | 0.18                       | 1.30                                   | LPI221M30025□VA     | 120  | 30 $\times$ 25    | 0.18                         | 0.90                       | LPG121M30025□VA                        |                     |
| 270  | 22 $\times$ 45    | 0.18                         | 1.50                       | LPI271M22045□VA                        | 150                 | 22 $\times$ 40                             | 0.18              | 1.01                         | LPG151M22040□VA            |  |                     |

|     |       |      |      |                 |
|-----|-------|------|------|-----------------|
| 270 | 25x40 | 0.18 | 1.49 | LPG271M25040□VA |
|-----|-------|------|------|-----------------|

|     |       |      |      |                 |
|-----|-------|------|------|-----------------|
| 150 | 25x30 | 0.18 | 1.05 | LPG151M25030□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 <sub>DC</sub><br>(Surge Voltage)<br>(V) | Cap<br>(μF) | Size<br>DxL<br>(mm) | tanδ<br>20°C/120Hz | Ripple Current<br>85°C/120Hz<br>(Arms) | Catalog Part Number |
|--|-------------|---------------------|--------------------|--|---------------------|
| 400<br>(450)                               | 150         | 30x25               | 0.18               | 1.08                                   | LPG151M30025□VA     |
|  | 180         | 22x45               | 0.18               | 1.17                                   | LPG181M22045□VA     |
|  | 180         | 25x35               | 0.18               | 1.21                                   | LPG181M25035□VA     |
|  | 220         | 22x40               | 0.18               | 1.22                                   | LPG221M22040□VA     |
|  | 220         | 22x45               | 0.18               | 1.29                                   | LPG221M22045□VA     |
|  | 220         | 30x35               | 0.18               | 1.38                                   | LPG221M30035□VA     |
|  | 220         | 35x25               | 0.18               | 1.41                                   | LPG221M35025□VA     |
|  | 270         | 25x45               | 0.18               | 1.64                                   | LPG271M25045□VA     |
|  | 270         | 30x40               | 0.18               | 1.61                                   | LPG271M30040□VA     |
|  | 330         | 25x45               | 0.18               | 1.80                                   | LPG331M25045□VA     |
|  | 330         | 25x50               | 0.18               | 1.89                                   | LPG331M25050□VA     |
|  | 330         | 35x25               | 0.18               | 1.73                                   | LPG331M35025□VA     |
|  | 330         | 35x40               | 0.18               | 2.08                                   | LPG331M35040□VA     |
|  | 390         | 30x50               | 0.18               | 2.12                                   | LPG391M30050□VA     |
|  | 470         | 22x65               | 0.18               | 2.09                                   | LPG471M22065□VA     |
|  | 470         | 30x50               | 0.18               | 2.20                                   | LPG471M30050□VA     |
|  | 470         | 30x60               | 0.18               | 2.38                                   | LPG471M30060□VA     |
|  | 470         | 35x35               | 0.18               | 2.07                                   | LPG471M35035□VA     |
|  | 470         | 35x40               | 0.18               | 2.19                                   | LPG471M35040□VA     |
|  | 470         | 35x45               | 0.18               | 2.30                                   | LPG471M35045□VA     |
|  | 470         | 35x50               | 0.18               | 2.40                                   | LPG471M35050□VA     |
|  | 560         | 25x65               | 0.18               | 2.56                                   | LPG561M25065□VA     |
|  | 560         | 25x70               | 0.18               | 2.65                                   | LPG561M25070□VA     |
|  | 560         | 30x50               | 0.18               | 2.52                                   | LPG561M30050□VA     |
|  | 560         | 30x60               | 0.18               | 2.73                                   | LPG561M30060□VA     |
|  | 560         | 35x50               | 0.18               | 2.73                                   | LPG561M35050□VA     |
|  | 680         | 30x50               | 0.18               | 2.68                                   | LPG681M30050□VA     |
|  | 680         | 30x55               | 0.18               | 2.80                                   | LPG681M30055□VA     |
|  | 680         | 30x60               | 0.18               | 2.91                                   | LPG681M30060□VA     |
|  | 680         | 35x50               | 0.18               | 2.93                                   | LPG681M35050□VA     |
| 820  | 35x60       | 0.18                | 3.23               | LPG821M35060□VA                        |                     |
| 1000                                       | 35x50       | 0.18                | 3.31               | LPG102M35050□VA                        |                     |
| 1000                                       | 35x70       | 0.18                | 3.83               | LPG102M35070□VA                        |                     |
| 450<br>(500)                               | 47          | 22x25               | 0.20               | 0.52                                   | LPE470M22025□VA     |
|  | 56          | 22x25               | 0.20               | 0.55                                   | LPE560M22025□VA     |
|  | 68          | 22x30               | 0.20               | 0.57                                   | LPE680M22030□VA     |
|  | 68          | 25x25               | 0.20               | 0.57                                   | LPE680M25025□VA     |
|  | 82          | 22x30               | 0.20               | 0.65                                   | LPE820M22030□VA     |
|  | 82          | 25x25               | 0.20               | 0.65                                   | LPE820M25025□VA     |
|  | 100         | 22x35               | 0.20               | 0.72                                   | LPE101M22035□VA     |
|  | 100         | 25x30               | 0.20               | 0.73                                   | LPE101M25030□VA     |
|  | 120         | 22x40               | 0.20               | 0.80                                   | LPE121M22040□VA     |
|  | 120         | 25x35               | 0.20               | 0.83                                   | LPE121M25035□VA     |
|  | 150         | 22x45               | 0.20               | 0.95                                   | LPE151M22045□VA     |
|  | 150         | 25x35               | 0.20               | 0.95                                   | LPE151M25035□VA     |
|  | 180         | 22x50               | 0.20               | 1.1                                    | LPE181M22050□VA     |
|  | 180         | 25x40               | 0.20               | 1.1                                    | LPE181M25040□VA     |
|  | 180         | 30x30               | 0.20               | 1.1                                    | LPE181M30030□VA     |
|  | 220         | 25x50               | 0.20               | 1.2                                    | LPE221M25050□VA     |
|  | 220         | 30x35               | 0.20               | 1.3                                    | LPE221M30035□VA     |

| WV <sub>DC</sub><br>(Surge Voltage)<br>(V) | Cap<br>(μF)  | Size<br>DxL<br>(mm) | tanδ<br>20°C/120Hz | Ripple Current<br>85°C/120Hz<br>(Arms) | Catalog Part Number |                 |
|--|--------------|---------------------|--------------------|--|---------------------|-----------------|
| 450<br>(500)                               | 270          | 30x40               | 0.20               | 1.4                                    | LPE271M30040□VA     |                 |
|  | 270          | 35x35               | 0.20               | 1.5                                    | LPE271M35035□VA     |                 |
|  | 330          | 30x45               | 0.20               | 1.7                                    | LPE331M30045□VA     |                 |
|  | 330          | 35x35               | 0.20               | 1.7                                    | LPE331M35035□VA     |                 |
|  | 390          | 30x55               | 0.20               | 2.0                                    | LPE391M30055□VA     |                 |
|  | 390          | 35x40               | 0.20               | 1.9                                    | LPE391M35040□VA     |                 |
|  | 470          | 30x50               | 0.20               | 2.12                                   | LPE471M30050□VA     |                 |
|  | 470          | 30x60               | 0.20               | 2.3                                    | LPE471M30060□VA     |                 |
|  | 470          | 35x50               | 0.20               | 2.2                                    | LPE471M35050□VA     |                 |
|  | 560          | 35x50               | 0.20               | 2.4                                    | LPE561M35050□VA     |                 |
|  | 680          | 30x60               | 0.20               | 2.66                                   | LPE681M30060□VA     |                 |
|  | 680          | 35x50               | 0.20               | 2.68                                   | LPE681M35050□VA     |                 |
|  | 680          | 35x60               | 0.20               | 2.9                                    | LPE681M35060□VA     |                 |
|  | 1000         | 35x70               | 0.20               | 4.04                                   | LPE102M35070□VA     |                 |
|  | 500<br>(550) | 47                  | 22x25              | 0.20                                   | 0.53                | LPC470M22025□VA |
|  |              | 56                  | 22x30              | 0.20                                   | 0.56                | LPC560M22030□VA |
|  |              | 68                  | 22x35              | 0.20                                   | 0.60                | LPC680M22035□VA |
|  |              | 68                  | 25x25              | 0.20                                   | 0.60                | LPC680M25025□VA |
| 82   |              | 22x40               | 0.20               | 0.75                                   | LPC820M22040□VA     |                 |
| 82   |              | 25x30               | 0.20               | 0.75                                   | LPC820M25030□VA     |                 |
| 100  |              | 22x45               | 0.20               | 0.90                                   | LPC101M22045□VA     |                 |
| 100  |              | 25x35               | 0.20               | 0.90                                   | LPC101M25035□VA     |                 |
| 100  |              | 30x25               | 0.20               | 0.90                                   | LPC101M30025□VA     |                 |
| 120  |              | 22x50               | 0.20               | 1.00                                   | LPC121M22050□VA     |                 |
| 120  |              | 25x40               | 0.20               | 1.00                                   | LPC121M25040□VA     |                 |
| 120  |              | 30x30               | 0.20               | 1.00                                   | LPC121M30030□VA     |                 |
| 150  |              | 25x45               | 0.20               | 1.20                                   | LPC151M25045□VA     |                 |
| 150  |              | 30x35               | 0.20               | 1.20                                   | LPC151M30035□VA     |                 |
| 150  |              | 35x25               | 0.20               | 1.20                                   | LPC151M35025□VA     |                 |
| 180  |              | 25x50               | 0.20               | 1.40                                   | LPC181M25050□VA     |                 |
| 180  |              | 30x40               | 0.20               | 1.40                                   | LPC181M30040□VA     |                 |
| 180  |              | 35x30               | 0.20               | 1.40                                   | LPC181M35030□VA     |                 |
| 220  |              | 30x45               | 0.20               | 1.60                                   | LPC221M30045□VA     |                 |
| 220  |              | 35x35               | 0.20               | 1.60                                   | LPC221M35035□VA     |                 |
| 270  |              | 30x50               | 0.20               | 1.80                                   | LPC271M30050□VA     |                 |
| 270  |              | 35x40               | 0.20               | 1.80                                   | LPC271M35040□VA     |                 |
| 330  |              | 30x60               | 0.20               | 2.00                                   | LPC331M30060□VA     |                 |
| 330  |              | 35x45               | 0.20               | 2.00                                   | LPC331M35045□VA     |                 |
| 390  |              | 35x50               | 0.20               | 2.30                                   | LPC391M35050□VA     |                 |
| 470  |              | 35x60               | 0.20               | 2.50                                   | LPC471M35060□VA     |                 |
| 560  |              | 35x70               | 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.

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Aluminium Electrolytic Capacitors - Radial Leaded](#) category:*

*Click to view products by [Zeasset](#) manufacturer:*

Other Similar products are found below :

[NRELS102M35V16X16C.140LLF](#) [ESRG160ETC100MD07D](#) [227RZS050M](#) [335CKR250M](#) [476CKH100MSA](#) [477CKR100M](#)  
[107CKR010M](#) [107CKH063MSA](#) [RJH-25V222MI9#](#) [RJH-35V221MG5#](#) [B43827A1106M8](#) [RJH-50V221MH6#](#) [EKYA500ELL470MF11D](#)  
[B41022A5686M6](#) [ESRG250ELL101MH09D](#) [EKMA160EC3101MF07D](#) [RJB-10V471MG3#](#) [ESMG160ETD221MF11D](#)  
[EKZH160ETD152MJ20S](#) [RJH-35V122MJ6#](#) [EGXF630ELL621ML20S](#) [RBD-25V100KE3#N](#) [EKMA350ELL100ME07D](#)  
[ESMG160ETD101ME11D](#) [ELXY100ETD102MJ20S](#) [EGXF500ELL561ML15S](#) [EKMG350ETD471MJ16S](#) [35YXA330MEFC10X12.5](#)  
[RXW471M1ESA-0815](#) [ELXZ630ELL221MJ25S](#) [ERR1HM1R0D11OT](#) [LPE681M30060FVA](#) [LPL471M22030FVA](#) [HFE221M25030FVA](#)  
[LKMD1401H221MF](#) [B41888G6108M000](#) [EKMA160ETD470MF07D](#) [UHW1J102MHD6](#) [EKMG500ETD221MJC5S](#) [LKMK2502W101MF](#)  
[LKMD1401H181MF](#) [LKMI2502G820MF](#) [LKMJ2001J122MF](#) [LKML2501C472MF](#) [LKMJ4002C681MF](#) [450MXH330MEFCSN25X45](#)  
[450MXK330MA2RFC22X50](#) [63ZLH560MEFCG412.5X30](#) [ELH2DM331O25KT](#) [ELH2DM471P30KT](#)