



# RL 系列 Series

## 特点 Features

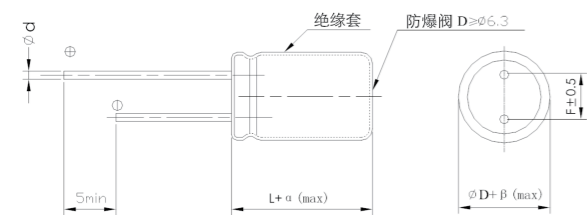
- 宽温度, 105°C, 2000小时长寿命, 体积小。  
Wide temperature range, 105°C, long life: 2000 hours. Miniature.
- 适用于彩电、空调、电子电表等线路中。  
Used in color-TV, air conditioning electron meter circuits etc.
- RoHS指令已对应完毕。  
Adapted to the RoHS directive.



## 主要技术性能 Specifications

| 项目 Items   | 特性 Characteristics   |   |
|--|--|---|
| 使用温度范围<br>Operating Temperature Range                          | -40~+105°C   | -25~+105°C                                    |
| 额定电压范围<br>Rated Voltage Range                                  | 6.3~100V   | 160~500V                                      |
| 标称容量范围<br>Nominal Capacitance Range                            | 0.1~33000μF  |   |
| 标称容量允许偏差<br>Capacitance Tolerance                              | ± 20% (120Hz, +20°C)   |   |
| 漏电流<br>Leakage Current   | I ≤ 0.01CV (μA) 或 3μA 2分钟 取较大者<br>(at 20°C, after 2 minutes) (Whichever is greater)  |   |
| 损耗角正切值 (tgδ)<br>Dissipation Factor (+20°C, 120Hz)              | I ≤ 0.03CV (μA) + 40μA 2分钟(2 minutes)  |   |
|  | U <sub>R</sub> (V)   | 6.3 10 16 25 35 50 63 100                     |
|  | tgδ  | 0.22 0.19 0.16 0.14 0.12 0.10 0.09 0.08       |
|  | U <sub>R</sub> (V)   | 160 200 250 400 450 500                       |
|  | tgδ  | 0.15 0.15 0.15 0.20 0.20 0.24                 |
|  | 容量大于1000μF者, 每增加1000μF, 其损耗角正切值增加0.02<br>When nominal capacitance exceeds 1000μF, add 0.02 to the value above for each 1000μF increase.  |   |
| 温度特性 Temperature characteristics<br>(Impedance ratio at 120Hz) | U <sub>R</sub> (V)   | 6.3 10 16 25 35 50 63 100 160~250 400 450 500 |
|  | Z-25°C / Z+20°C  | 4 3 2 2 2 2 2 2 4 6 7 8                       |
|  | Z-40°C / Z+20°C  | 8 6 4 3 3 3 3 3 - -                           |
| 耐久性<br>Load Life   | +105°C加额定电压2000小时, 恢复16小时后:<br>After applying rated voltage for 2000 hours at +105°C and then resumed for 16 hours:<br>容量变化率 Capacitance change : ±20%初始测量值以内 ±20% of the initial measured value<br>漏电流 Leakage current : ≤初始规定值 ≤The initial specified value<br>损耗角正切值 Dissipation factor : ≤2倍初始规定值 ≤2times of the initial specified value |   |
|  | +105°C, 1000小时贮存后, 恢复16小时后:<br>After storage for 1000 hours at +105°C and then resumed 16 hours<br>容量变化率 Capacitance change : ±20%初始测量值以内 ±20% of the initial measured value<br>漏电流 Leakage current : ≤2倍初始规定值 ≤2times of the initial specified value<br>损耗角正切值 Dissipation factor : ≤2倍初始规定值 ≤2times of the initial specified value         |   |

## 外形图及尺寸表 Case Size Table



单位 Unit: mm

|   |     |     |          |     |      |       |     |
|---|-----|-----|----------|-----|------|-------|-----|
| D | 5   | 6.3 | 8        | 10  | 12.5 | 16~18 | 22  |
| F | 2   | 2.5 | 3.5      | 5.0 | 5.0  | 7.5   | 10  |
| d | 0.5 | 0.5 | 0.5, 0.6 | 0.6 | 0.6  | 0.8   | 0.8 |

|      |                |
|------|----------------|
| αMAX | c L < 20 > 1.5 |
|      | c L ≥ 20 > 2.0 |
| βMAX | c D < 20 > 0.5 |
|      | c D ≥ 20 > 1.0 |

## 频率修正系数 Frequency Coefficient

| Rated Voltage(V) | Freq.(Hz) | CAP(μF) |      |      |      |      |      |
|------------------|-----------|---------|------|------|------|------|------|
|                  |           | 50      | 120  | 300  | 1K   | 10K  | 100K |
| 6.3~100          | ~47       | 0.75    | 1.00 | 1.35 | 1.57 | 2.00 | 2.30 |
|                  | 100~470   | 0.80    | 1.00 | 1.23 | 1.34 | 1.50 | 1.65 |
|                  | ≥560      | 0.85    | 1.00 | 1.10 | 1.13 | 1.15 | 1.40 |
| 160~500          | 0.47~4.7  | 0.65    | 1.00 | 1.35 | 1.75 | 2.30 | 2.50 |
|                  | 6.8~82    | 0.75    | 1.00 | 1.25 | 1.50 | 1.75 | 1.80 |
|                  | ≥100      | 0.80    | 1.00 | 1.15 | 1.30 | 1.40 | 1.50 |

## 尺寸 Dimensions

| CAP(μF) | WV  | 6.3V(0J) |        | 10V(1A) |        | 16V(1C) |        | 25V(1E) |        | 35V(1V) |        | 50V(1H) |        |
|---------|-----|----------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|
|         |     | Size     | Ripple | Size    | Ripple | Size    | Ripple | Size    | Ripple | Size    | Ripple | Size    | Ripple |
| 0.1     | 0R1 |          |        |         |        |         |        |         |        |         |        | 5×11    | 1      |
| 0.22    | R22 |          |        |         |        |         |        |         |        |         |        | 5×11    | 3      |
| 0.33    | R33 |          |        |         |        |         |        |         |        |         |        | 5×11    | 4      |
| 0.47    | R47 |          |        |         |        |         |        |         |        |         |        | 5×11    | 7      |
| 1       | 010 |          |        |         |        |         |        |         |        |         |        | 5×11    | 13     |
| 2.2     | 2R2 |          |        |         |        |         |        |         |        | 5×11    | 25     | 5×11    | 20     |
| 3.3     | 3R3 |          |        |         |        |         |        |         |        |         |        | 5×11    | 35     |
| 4.7     | 4R7 |          |        |         |        | 5×11    | 40     | 5×11    | 40     | 5×11    | 30     | 5×11    | 40     |
| 10      | 100 |          |        |         |        | 5×11    | 50     | 5×11    | 50     | 5×11    | 45     | 5×11    | 55     |
| 22      | 220 |          |        | 5×11    | 50     | 5×11    | 55     | 5×11    | 65     | 5×11    | 65     | 5×11    | 80     |
| 33      | 330 | 5×11     | 55     | 5×11    | 65     | 5×11    | 65     | 5×11    | 85     | 5×11    | 85     | 5×11    | 100    |
| 47      | 470 | 5×11     | 70     | 5×11    | 75     | 5×11    | 80     | 5×11    | 100    | 6.3×11  | 105    | 6.3×11  | 135    |
| 100     | 101 | 5×11     | 100    | 5×11    | 105    | 5×11    | 125    | 6.3×11  | 160    | 6.3×11  | 170    | 8×11.5  | 230    |
| 220     | 221 | 5×11     | 155    | 6.3×11  | 170    | 6.3×11  | 215    | 8×11.5  | 285    | 8×11.5  | 295    | 10×16   | 510    |
| 330     | 331 | 6.3×11   | 215    | 6.3×11  | 240    | 8×11.5  | 315    | 8×11.5  | 340    | 10×12.5 | 420    | 10×16   | 590    |
| 470     | 471 | 6.3×11   | 260    | 6.3×11  | 285    | 8×11.5  | 365    | 10×12.5 | 470    | 10×16   | 545    | 10×20   | 705    |
| 680     | 681 | 8×11.5   | 365    | 8×11.5  | 410    | 10×12.5 | 480    | 10×16   | 620    | 10×20   | 680    | 12.5×20 | 925    |
| 1000    | 102 | 8×11.5   | 445    | 10×12.5 | 570    | 10×16   | 680    | 10×20   | 820    | 12.5×20 | 1025   | 12.5×25 | 1285   |
| 2200    | 222 | 10×16    | 740    | 10×20   | 900    | 12.5×20 | 1110   | 12.5×25 | 1175   | 16×25   | 1500   | 16×35   | 1885   |
| 3300    | 332 | 10×20    | 1030   | 12.5×20 | 1205   | 12.5×25 | 1390   | 16×25   | 1645   | 18×25   | 1820   | 18×35   | 2165   |
| 4700    | 472 | 12.5×20  | 1280   | 12.5×25 | 1490   | 16×25   | 1740   | 16×30   | 2010   | 18×35   | 2335   |         |        |
| 6800    | 682 | 12.5×25  | 1555   | 16×25   | 1825   | 16×30   | 2080   | 16×35   | 2308   | 18×40   | 2400   |         |        |
| 10000   | 103 | 16×25    | 1900   | 16×30   | 1980   | 16×35   | 2380   | 18×35   | 2500   |         |        |         |        |
| 22000   | 223 | 18×35    | 2400   | 18×40   | 2410   |         |        |         |        |         |        |         |        |
| 33000   | 333 | 18×40    | 2555   |         |        |         |        |         |        |         |        |         |        |

Size φD×L(mm)  
Maximum Allowable Ripple Current (mA rms) at 105°C 120Hz



# RL 系列 Series

## 特点 Features

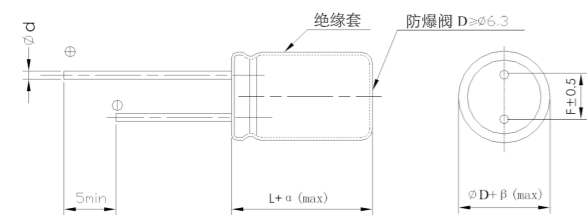
- 宽温度, 105°C, 2000小时长寿命, 体积小。  
Wide temperature range, 105°C, long life: 2000 hours. Miniature.
- 适用于彩电、空调、电子电表等线路中。  
Used in color-TV, air conditioning electron meter circuits etc.
- RoHS指令已对应完毕。  
Adapted to the RoHS directive.



## 主要技术性能 Specifications

| 项目 Items   | 特性 Characteristics  |   |
|--|---|---|
| 使用温度范围<br>Operating Temperature Range                          | -40~+105°C  | -25~+105°C                                    |
| 额定电压范围<br>Rated Voltage Range                                  | 6.3~100V  | 160~500V                                      |
| 标称容量范围<br>Nominal Capacitance Range                            | 0.1~33000μF   |   |
| 标称容量允许偏差<br>Capacitance Tolerance                              | ± 20% (120Hz, +20°C)  |   |
| 漏电流<br>Leakage Current   | I ≤ 0.01CV (μA) 或 3μA 2分钟 取较大者<br>(at 20°C, after 2 minutes) (Whichever is greater)   |   |
| 损耗角正切值 (tgδ)<br>Dissipation Factor (+20°C, 120Hz)              | I ≤ 0.03CV (μA) + 40μA 2分钟(2 minutes)   |   |
|  | U <sub>R</sub> (V)  | 6.3 10 16 25 35 50 63 100                     |
|  | tgδ   | 0.22 0.19 0.16 0.14 0.12 0.10 0.09 0.08       |
|  | U <sub>R</sub> (V)  | 160 200 250 400 450 500                       |
|  | tgδ   | 0.15 0.15 0.15 0.20 0.20 0.24                 |
|  | 容量大于1000μF者, 每增加1000μF, 其损耗角正切值增加0.02<br>When nominal capacitance exceeds 1000μF, add 0.02 to the value above for each 1000μF increase.   |   |
| 温度特性 Temperature characteristics<br>(Impedance ratio at 120Hz) | U <sub>R</sub> (V)  | 6.3 10 16 25 35 50 63 100 160~250 400 450 500 |
|  | Z-25°C / Z+20°C   | 4 3 2 2 2 2 2 2 4 6 7 8                       |
|  | Z-40°C / Z+20°C   | 8 6 4 3 3 3 3 3 - -                           |
| 耐久性<br>Load Life   | +105°C加额定电压2000小时, 恢复16小时后:<br>After applying rated voltage for 2000 hours at +105°C and then resumed for 16 hours:<br>电容量变化率 Capacitance change : ±20%初始测量值以内 ±20% of the initial measured value<br>漏电流 Leakage current : ≤初始规定值 ≤The initial specified value<br>损耗角正切值 Dissipation factor : ≤2倍初始规定值 ≤2times of the initial specified value |   |
| 高温贮存<br>Shelf Life   | +105°C, 1000小时贮存后, 恢复16小时后:<br>After storage for 1000 hours at +105°C and then resumed 16 hours<br>电容量变化率 Capacitance change : ±20%初始测量值以内 ±20% of the initial measured value<br>漏电流 Leakage current : ≤2倍初始规定值 ≤2times of the initial specified value<br>损耗角正切值 Dissipation factor : ≤2倍初始规定值 ≤2times of the initial specified value         |   |

## 外形图及尺寸表 Case Size Table



单位 Unit: mm

|   |     |     |          |     |      |       |     |
|---|-----|-----|----------|-----|------|-------|-----|
| D | 5   | 6.3 | 8        | 10  | 12.5 | 16~18 | 22  |
| F | 2   | 2.5 | 3.5      | 5.0 | 5.0  | 7.5   | 10  |
| d | 0.5 | 0.5 | 0.5, 0.6 | 0.6 | 0.6  | 0.8   | 0.8 |

|      |                |
|------|----------------|
| αMAX | c L < 20 > 1.5 |
|      | c L ≥ 20 > 2.0 |
| βMAX | c D < 20 > 0.5 |
|      | c D ≥ 20 > 1.0 |

## 频率修正系数 Frequency Coefficient

| Rated Voltage(V) | Freq.(Hz) | CAP(μF) |      |      |      |      |      |
|------------------|-----------|---------|------|------|------|------|------|
|                  |           | 50      | 120  | 300  | 1K   | 10K  | 100K |
| 6.3~100          | ~47       | 0.75    | 1.00 | 1.35 | 1.57 | 2.00 | 2.30 |
|                  | 100~470   | 0.80    | 1.00 | 1.23 | 1.34 | 1.50 | 1.65 |
|                  | ≥560      | 0.85    | 1.00 | 1.10 | 1.13 | 1.15 | 1.40 |
| 160~500          | 0.47~4.7  | 0.65    | 1.00 | 1.35 | 1.75 | 2.30 | 2.50 |
|                  | 6.8~82    | 0.75    | 1.00 | 1.25 | 1.50 | 1.75 | 1.80 |
|                  | ≥100      | 0.80    | 1.00 | 1.15 | 1.30 | 1.40 | 1.50 |

## 尺寸 Dimensions

| CAP(μF) | WV  | 6.3V(0J) |        | 10V(1A) |        | 16V(1C) |        | 25V(1E) |        | 35V(1V) |        | 50V(1H) |        |
|---------|-----|----------|--------|---------|--------|---------|--------|---------|--------|---------|--------|---------|--------|
|         |     | Size     | Ripple | Size    | Ripple | Size    | Ripple | Size    | Ripple | Size    | Ripple | Size    | Ripple |
| 0.1     | 0R1 |          |        |         |        |         |        |         |        |         |        | 5×11    | 1      |
| 0.22    | R22 |          |        |         |        |         |        |         |        |         |        | 5×11    | 3      |
| 0.33    | R33 |          |        |         |        |         |        |         |        |         |        | 5×11    | 4      |
| 0.47    | R47 |          |        |         |        |         |        |         |        |         |        | 5×11    | 7      |
| 1       | 010 |          |        |         |        |         |        |         |        |         |        | 5×11    | 13     |
| 2.2     | 2R2 |          |        |         |        |         |        |         |        | 5×11    | 25     | 5×11    | 20     |
| 3.3     | 3R3 |          |        |         |        |         |        |         |        |         |        | 5×11    | 35     |
| 4.7     | 4R7 |          |        |         |        | 5×11    | 40     | 5×11    | 40     | 5×11    | 30     | 5×11    | 40     |
| 10      | 100 |          |        |         |        | 5×11    | 50     | 5×11    | 50     | 5×11    | 45     | 5×11    | 55     |
| 22      | 220 |          |        | 5×11    | 50     | 5×11    | 55     | 5×11    | 65     | 5×11    | 65     | 5×11    | 80     |
| 33      | 330 | 5×11     | 55     | 5×11    | 65     | 5×11    | 65     | 5×11    | 85     | 5×11    | 85     | 5×11    | 100    |
| 47      | 470 | 5×11     | 70     | 5×11    | 75     | 5×11    | 80     | 5×11    | 100    | 6.3×11  | 105    | 6.3×11  | 135    |
| 100     | 101 | 5×11     | 100    | 5×11    | 105    | 5×11    | 125    | 6.3×11  | 160    | 6.3×11  | 170    | 8×11.5  | 230    |
| 220     | 221 | 5×11     | 155    | 6.3×11  | 170    | 6.3×11  | 215    | 8×11.5  | 285    | 8×11.5  | 295    | 10×16   | 510    |
| 330     | 331 | 6.3×11   | 215    | 6.3×11  | 240    | 8×11.5  | 315    | 8×11.5  | 340    | 10×12.5 | 420    | 10×16   | 590    |
| 470     | 471 | 6.3×11   | 260    | 6.3×11  | 285    | 8×11.5  | 365    | 10×12.5 | 470    | 10×16   | 545    | 10×20   | 705    |
| 680     | 681 | 8×11.5   | 365    | 8×11.5  | 410    | 10×12.5 | 480    | 10×16   | 620    | 10×20   | 680    | 12.5×20 | 925    |
| 1000    | 102 | 8×11.5   | 445    | 10×12.5 | 570    | 10×16   | 680    | 10×20   | 820    | 12.5×20 | 1025   | 12.5×25 | 1285   |
| 2200    | 222 | 10×16    | 740    | 10×20   | 900    | 12.5×20 | 1110   | 12.5×25 | 1175   | 16×25   | 1500   | 16×35   | 1885   |
| 3300    | 332 | 10×20    | 1030   | 12.5×20 | 1205   | 12.5×25 | 1390   | 16×25   | 1645   | 18×25   | 1820   | 18×35   | 2165   |
| 4700    | 472 | 12.5×20  | 1280   | 12.5×25 | 1490   | 16×25   | 1740   | 16×30   | 2010   | 18×35   | 2335   |         |        |
| 6800    | 682 | 12.5×25  | 1555   | 16×25   | 1825   | 16×30   | 2080   | 16×35   | 2308   | 18×40   | 2400   |         |        |
| 10000   | 103 | 16×25    | 1900   | 16×30   | 1980   | 16×35   | 2380   | 18×35   | 2500   |         |        |         |        |
| 22000   | 223 | 18×35    | 2400   | 18×40   | 2410   |         |        |         |        |         |        |         |        |
| 33000   | 333 | 18×40    | 2555   |         |        |         |        |         |        |         |        |         |        |

Size φD×L(mm)  
Maximum Allowable Ripple Current (mA rms) at 105°C 120Hz

目录中记载的内容可能未经提示而变更。贵司在购买时请要求提供承认书, 并以此为准使用。  
The contents recorded in the catalogue might be changed without any reminder. Please ask for providing the datasheet and take it as standard when purchasing.

ALUMINUM ELECTROLYTIC CAPACITORS  
SMD  
MINIATURE  
STANDARD  
LOW-ESR  
SWITCH-POWER  
LIGHTING  
SNAP-IN  
SCREW



尺寸 Dimensions

| CAP(μF) | WV  | 63V(1J) |        | 100V(2A) |        | 160V(2C) |        | 200V(2D) |        | 220V(2P) |        |
|---------|-----|---------|--------|----------|--------|----------|--------|----------|--------|----------|--------|
|         |     | Size    | Ripple | Size     | Ripple | Size     | Ripple | Size     | Ripple | Size     | Ripple |
| 0.1     | 0R1 | 5×11    | 2      |          |        |          |        |          |        |          |        |
| 1       | 010 | 5×11    | 15     | 5×11     | 15     |          |        |          |        |          |        |
| 2.2     | 2R2 |         |        | 5×11     | 25     |          |        |          |        |          |        |
| 3.3     | 3R3 |         |        | 5×11     | 35     |          |        | 6.3×11   | 35     | 6.3×11   | 35     |
| 4.7     | 4R7 | 5×11    | 40     | 5×11     | 40     | 6.3×11   | 51     | 6.3×11   | 53     | 6.3×11   | 53     |
| 10      | 100 | 5×11    | 60     | 6.3×11   | 85     | 8×11.5   | 91     | 8×11.5   | 91     | 8×11.5   | 91     |
| 22      | 220 | 5×11    | 80     | 6.3×11   | 95     | 10×12.5  | 150    | 10×16    | 165    | 10×16    | 165    |
|         |     | 6.3×11  | 90     | 8×11.5   | 150    |          |        |          |        |          |        |
| 33      | 330 | 6.3×11  | 120    | 8×11.5   | 145    | 10×16    | 205    | 10×20    | 225    | 10×20    | 225    |
|         |     |         |        | 10×12.5  | 260    |          |        |          |        |          |        |
| 47      | 470 | 6.3×11  | 145    | 10×12.5  | 280    | 10×20    | 270    | 10×25    | 300    | 12.5×20  | 300    |
|         |     | 8×11.5  | 155    | 10×16    | 280    |          |        |          |        |          |        |
| 68      | 680 | 8×11.5  | 155    | 10×16    | 300    | 12.5×20  | 350    | 12.5×20  | 350    | 12.5×25  | 380    |
| 82      | 820 |         |        |          |        | 12.5×20  | 390    | 12.5×25  | 420    | 16×20    | 440    |
| 100     | 101 | 10×12.5 | 260    | 10×20    | 350    | 12.5×25  | 470    | 16×20    | 490    | 16×25    | 530    |
|         |     |         |        | 12.5×20  | 470    |          |        |          |        |          |        |
| 150     | 151 |         |        |          |        | 16×20    | 600    | 16×25    | 660    | 16×30    | 690    |
| 180     | 181 |         |        |          |        | 16×25    | 720    | 16×30    | 780    | 16×35    | 820    |
| 220     | 221 | 10×20   | 505    | 12.5×25  | 660    | 16×30    | 860    | 16×35    | 920    | 16×40    | 950    |
|         |     |         |        | 16×25    | 960    |          |        |          |        |          |        |
| 270     | 271 |         |        |          |        | 16×35    | 1020   | 16×40    | 1080   | 18×35    | 1100   |
| 330     | 331 | 12.5×20 | 690    | 12.5×25  | 800    | 16×40    | 1200   | 18×35    | 1200   | 18×40    | 1250   |
|         |     |         |        | 16×25    | 1030   |          |        |          |        |          |        |
| 390     | 391 |         |        |          |        | 18×35    | 1280   | 18×40    | 1350   | 18×45    | 1400   |
| 470     | 471 | 12.5×20 | 810    | 16×25    | 1050   | 18×40    | 1490   | 18×45    | 1570   |          |        |
|         |     |         |        | 16×30    | 1250   |          |        |          |        |          |        |
| 560     | 561 |         |        |          |        | 18×45    | 1700   |          |        |          |        |
| 680     | 681 | 12.5×25 | 1160   | 16×30    | 1290   |          |        |          |        |          |        |
|         |     |         |        | 16×35    | 1470   |          |        |          |        |          |        |
| 1000    | 102 | 16×25   | 1450   | 18×40    | 2020   |          |        |          |        |          |        |
| 2200    | 222 | 18×35   | 1785   |          |        |          |        |          |        |          |        |

Size φD×L(mm)  
Maximum Allowable Ripple Current (mA rms) at 105°C 120Hz

尺寸 Dimensions

| CAP(μF) | WV  | 250V(2E) |        | 350V(2V) |        | 400V(2G) |        | 420V(2M) |        | 450V(2W) |        | 500V(2H) |        |
|---------|-----|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|
|         |     | Size     | Ripple | Size     | Ripple | Size     | Ripple | Size     | Ripple | Size     | Ripple | Size     | Ripple |
| 1       | 010 | 6.3×11   | 16     | 6.3×11   | 18     | 6.3×11   | 19     | 6.3×11   | 19     | 6.3×11   | 18     |          |        |
| 2.2     | 2R2 | 6.3×11   | 29     | 6.3×11   | 30     | 6.3×11   | 32     | 8×11.5   | 32     | 8×11.5   | 30     | 8×11.5   | 31     |
| 3.3     | 3R3 | 6.3×11   | 37     | 6.3×11   | 40     | 8×11.5   | 42     | 8×11.5   | 42     | 8×11.5   | 40     | 8×11.5   | 37     |
| 4.7     | 4R7 | 8×11.5   | 53     | 8×11.5   | 55     | 8×11.5   | 56     | 8×16     | 60     | 8×16     | 58     | 10×9     | 51     |
| 5.6     | 5R6 |          |        |          |        |          |        |          |        | 8×16     | 63     | 10×9     | 66     |
| 6.8     | 6R8 | 8×11.5   | 73     | 8×12     | 75     | 8×12     | 75     | 8×16     | 80     | 10×16    | 90     | 10×12.5  | 68     |
|         |     |          |        |          |        | 10×8.5   | 70     |          |        |          |        |          |        |
| 8.2     | 8R2 | 8×11.5   | 80     | 8×16     | 82     | 8×16     | 82     | 10×16    | 98     | 10×16    | 98     | 10×12.5  | 103    |
| 10      | 100 | 8×16     | 102    | 10×12.5  | 105    | 10×12.5  | 105    | 10×16    | 115    | 10×20    | 120    | 10×20    | 105    |
| 15      | 150 | 10×16    | 135    | 10×20    | 150    | 10×20    | 150    | 10×25    | 165    | 10×25    | 165    | 10×20    | 115    |
| 22      | 220 | 10×20    | 180    | 10×25    | 200    | 10×25    | 200    | 12.5×20  | 205    | 12.5×25  | 215    | 12.5×25  | 200    |
| 33      | 330 | 10×25    | 245    | 12.5×25  | 270    | 12.5×25  | 270    | 16×20    | 270    | 16×20    | 270    | 16×25    | 280    |
| 39      | 390 | 12.5×20  | 260    | 16×20    | 300    | 16×20    | 300    | 16×20    | 300    | 16×25    | 330    | 16×25    | 304    |
| 47      | 470 | 12.5×25  | 320    | 16×20    | 330    | 16×20    | 320    | 16×25    | 360    | 16×25    | 360    | 16×30    | 380    |
| 56      | 560 | 12.5×25  | 350    | 16×25    | 400    | 16×25    | 400    | 16×30    | 430    | 16×30    | 430    | 16×35    | 415    |
| 68      | 680 | 16×20    | 400    | 16×30    | 475    | 16×25    | 434    | 16×30    | 475    | 16×35    | 510    | 18×30    | 540    |
| 82      | 820 | 16×25    | 480    | 16×30    | 520    | 16×30    | 510    | 16×35    | 580    | 16×35    | 550    | 18×35    | 590    |
| 100     | 101 | 16×25    | 530    | 16×35    | 620    | 16×35    | 650    | 16×40    | 650    | 18×35    | 650    | 18×40    | 687    |
| 120     | 121 | 16×30    | 620    | 16×40    | 720    | 18×30    | 672    | 18×40    | 750    | 18×35    | 700    | 22×35    | 790    |
| 150     | 151 | 16×35    | 750    | 18×40    | 840    | 18×40    | 780    | 18×45    | 880    | 18×45    | 880    |          |        |
| 180     | 181 | 16×40    | 880    | 18×45    | 960    | 18×50    | 1000   | 22×40    | 1000   | 22×40    | 1000   |          |        |
| 220     | 221 | 18×40    | 1010   | 22×40    | 1100   | 22×45    | 1120   |          |        |          |        |          |        |

Size φD×L(mm)  
Maximum Allowable Ripple Current (mA rms) at 105°C 120Hz



尺寸 Dimensions

| CAP(μF) | WV  | 63V(1J) |        | 100V(2A) |        | 160V(2C) |        | 200V(2D) |        | 220V(2P) |        |
|---------|-----|---------|--------|----------|--------|----------|--------|----------|--------|----------|--------|
|         |     | Size    | Ripple | Size     | Ripple | Size     | Ripple | Size     | Ripple | Size     | Ripple |
| 0.1     | 0R1 | 5×11    | 2      |          |        |          |        |          |        |          |        |
| 1       | 010 | 5×11    | 15     | 5×11     | 15     |          |        |          |        |          |        |
| 2.2     | 2R2 |         |        | 5×11     | 25     |          |        |          |        |          |        |
| 3.3     | 3R3 |         |        | 5×11     | 35     |          |        | 6.3×11   | 35     | 6.3×11   | 35     |
| 4.7     | 4R7 | 5×11    | 40     | 5×11     | 40     | 6.3×11   | 51     | 6.3×11   | 53     | 6.3×11   | 53     |
| 10      | 100 | 5×11    | 60     | 6.3×11   | 85     | 8×11.5   | 91     | 8×11.5   | 91     | 8×11.5   | 91     |
| 22      | 220 | 5×11    | 80     | 6.3×11   | 95     | 10×12.5  | 150    | 10×16    | 165    | 10×16    | 165    |
|         |     | 6.3×11  | 90     | 8×11.5   | 150    |          |        |          |        |          |        |
| 33      | 330 | 6.3×11  | 120    | 8×11.5   | 145    | 10×16    | 205    | 10×20    | 225    | 10×20    | 225    |
|         |     |         |        | 10×12.5  | 260    |          |        |          |        |          |        |
| 47      | 470 | 6.3×11  | 145    | 10×12.5  | 280    | 10×20    | 270    | 10×25    | 300    | 12.5×20  | 300    |
|         |     | 8×11.5  | 155    | 10×16    | 280    |          |        |          |        |          |        |
| 68      | 680 | 8×11.5  | 155    | 10×16    | 300    | 12.5×20  | 350    | 12.5×20  | 350    | 12.5×25  | 380    |
| 82      | 820 |         |        |          |        | 12.5×20  | 390    | 12.5×25  | 420    | 16×20    | 440    |
| 100     | 101 | 10×12.5 | 260    | 10×20    | 350    | 12.5×25  | 470    | 16×20    | 490    | 16×25    | 530    |
|         |     |         |        | 12.5×20  | 470    |          |        |          |        |          |        |
| 150     | 151 |         |        |          |        | 16×20    | 600    | 16×25    | 660    | 16×30    | 690    |
| 180     | 181 |         |        |          |        | 16×25    | 720    | 16×30    | 780    | 16×35    | 820    |
| 220     | 221 | 10×20   | 505    | 12.5×25  | 660    | 16×30    | 860    | 16×35    | 920    | 16×40    | 950    |
|         |     |         |        | 16×25    | 960    |          |        |          |        |          |        |
| 270     | 271 |         |        |          |        | 16×35    | 1020   | 16×40    | 1080   | 18×35    | 1100   |
| 330     | 331 | 12.5×20 | 690    | 12.5×25  | 800    | 16×40    | 1200   | 18×35    | 1200   | 18×40    | 1250   |
|         |     |         |        | 16×25    | 1030   |          |        |          |        |          |        |
| 390     | 391 |         |        |          |        | 18×35    | 1280   | 18×40    | 1350   | 18×45    | 1400   |
| 470     | 471 | 12.5×20 | 810    | 16×25    | 1050   | 18×40    | 1490   | 18×45    | 1570   |          |        |
|         |     |         |        | 16×30    | 1250   |          |        |          |        |          |        |
| 560     | 561 |         |        |          |        | 18×45    | 1700   |          |        |          |        |
| 680     | 681 | 12.5×25 | 1160   | 16×30    | 1290   |          |        |          |        |          |        |
|         |     |         |        | 16×35    | 1470   |          |        |          |        |          |        |
| 1000    | 102 | 16×25   | 1450   | 18×40    | 2020   |          |        |          |        |          |        |
| 2200    | 222 | 18×35   | 1785   |          |        |          |        |          |        |          |        |

Size φD×L(mm)  
Maximum Allowable Ripple Current (mA rms) at 105°C 120Hz

尺寸 Dimensions

| CAP(μF) | WV  | 250V(2E) |        | 350V(2V) |        | 400V(2G) |        | 420V(2M) |        | 450V(2W) |        | 500V(2H) |        |
|---------|-----|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|----------|--------|
|         |     | Size     | Ripple | Size     | Ripple | Size     | Ripple | Size     | Ripple | Size     | Ripple | Size     | Ripple |
| 1       | 010 | 6.3×11   | 16     | 6.3×11   | 18     | 6.3×11   | 19     | 6.3×11   | 19     | 6.3×11   | 18     |          |        |
| 2.2     | 2R2 | 6.3×11   | 29     | 6.3×11   | 30     | 6.3×11   | 32     | 8×11.5   | 32     | 8×11.5   | 30     | 8×11.5   | 31     |
| 3.3     | 3R3 | 6.3×11   | 37     | 6.3×11   | 40     | 8×11.5   | 42     | 8×11.5   | 42     | 8×11.5   | 40     | 8×11.5   | 37     |
| 4.7     | 4R7 | 8×11.5   | 53     | 8×11.5   | 55     | 8×11.5   | 56     | 8×16     | 60     | 8×16     | 58     | 10×9     | 51     |
| 5.6     | 5R6 |          |        |          |        |          |        |          |        | 8×16     | 63     | 10×9     | 66     |
| 6.8     | 6R8 | 8×11.5   | 73     | 8×12     | 75     | 8×12     | 75     | 8×16     | 80     | 10×16    | 90     | 10×12.5  | 68     |
|         |     |          |        |          |        | 10×8.5   | 70     |          |        |          |        |          |        |
| 8.2     | 8R2 | 8×11.5   | 80     | 8×16     | 82     | 8×16     | 82     | 10×16    | 98     | 10×16    | 98     | 10×12.5  | 103    |
| 10      | 100 | 8×16     | 102    | 10×12.5  | 105    | 10×12.5  | 105    | 10×16    | 115    | 10×20    | 120    | 10×20    | 105    |
| 15      | 150 | 10×16    | 135    | 10×20    | 150    | 10×20    | 150    | 10×25    | 165    | 10×25    | 165    | 10×20    | 115    |
| 22      | 220 | 10×20    | 180    | 10×25    | 200    | 10×25    | 200    | 12.5×20  | 205    | 12.5×25  | 215    | 12.5×25  | 200    |
| 33      | 330 | 10×25    | 245    | 12.5×25  | 270    | 12.5×25  | 270    | 16×20    | 270    | 16×20    | 270    | 16×25    | 280    |
| 39      | 390 | 12.5×20  | 260    | 16×20    | 300    | 16×20    | 300    | 16×20    | 300    | 16×25    | 330    | 16×25    | 304    |
| 47      | 470 | 12.5×25  | 320    | 16×20    | 330    | 16×20    | 320    | 16×25    | 360    | 16×25    | 360    | 16×30    | 380    |
| 56      | 560 | 12.5×25  | 350    | 16×25    | 400    | 16×25    | 400    | 16×30    | 430    | 16×30    | 430    | 16×35    | 415    |
| 68      | 680 | 16×20    | 400    | 16×30    | 475    | 16×25    | 434    | 16×30    | 475    | 16×35    | 510    | 18×30    | 540    |
| 82      | 820 | 16×25    | 480    | 16×30    | 520    | 16×30    | 510    | 16×35    | 580    | 16×35    | 550    | 18×35    | 590    |
| 100     | 101 | 16×25    | 530    | 16×35    | 620    | 16×35    | 650    | 16×40    | 650    | 18×35    | 650    | 18×40    | 687    |
| 120     | 121 | 16×30    | 620    | 16×40    | 720    | 18×30    | 672    | 18×40    | 750    | 18×35    | 700    | 22×35    | 790    |
| 150     | 151 | 16×35    | 750    | 18×40    | 840    | 18×40    | 780    | 18×45    | 880    | 18×45    | 880    |          |        |
| 180     | 181 | 16×40    | 880    | 18×45    | 960    | 18×50    | 1000   | 22×40    | 1000   | 22×40    | 1000   |          |        |
| 220     | 221 | 18×40    | 1010   | 22×40    | 1100   | 22×45    | 1120   |          |        |          |        |          |        |

Size φD×L(mm)  
Maximum Allowable Ripple Current (mA rms) at 105°C 120Hz

## 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 [Huawei](#) manufacturer:*

Other Similar products are found below :

[LXY50VB4.7M-5X11](#) [RFO-100V471MJ7P#](#) [ECE-A1EGE220](#) [B41041A2687M8](#) [B41041A7226M8](#) [B41044A7157M6](#)  
[EKXG201EC3101ML20S](#) [EKZM160ETD471MHB5D](#) [NCD681K10KVY5PF](#) [NEV1000M25EF-BULK](#) [NEV100M35DC](#) [NEV100M63DE](#)  
[NEV220M25DD-BULK](#) [NEV.33M100AA](#) [NEV4700M50HB](#) [NEV.47M100AA](#) [NEVH1.0M250AB](#) [NEVH3.3M250BB](#) [NEVH3.3M450CC](#)  
[KM4700/16](#) [KME50VB100M-8X11.5](#) [SG220M1CSA-0407](#) [ES5107M016AE1DA](#) [ESMG160ETD102MJ16S](#) [ESX472M16B](#)  
[SZ010M1500A5S-1015](#) [227RZS050M](#) [476CKH100MSA](#) [477RZS050M](#) [UVX1V101KPA1FA](#) [UVX1V222MHA1CA](#) [KME25VB100M-](#)  
[6.3X11](#) [VTL100S10](#) [VTL470S10](#) [VTL470S16A](#) [511D336M250EK5D](#) [052687X](#) [ECE-A1CF471](#) [EKMA500ELL4R7ME07D](#) [NRE-](#)  
[S560M16V6.3X7TBSTF](#) [RGA221M1CTA-0611G](#) [ERZA630VHN182UP54N](#) [UPL1A331MPH](#) [SK035M0100AZS-0611](#) [MAL214658821E3](#)  
[NEV1000M6.3DE](#) [NEV100M16CB](#) [NEV100M50DD-BULK](#) [NEV2200M16FF](#) [NEV220M50EE](#)