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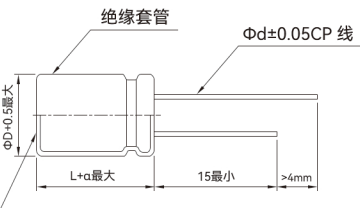
- ◆小体积 耐高频大纹波电流 高频低阻抗 电源专用产品
- ◆105℃环境下7000~10000小时
- ◆符合AEC-Q200 RoHS指令对应



主要技术参数

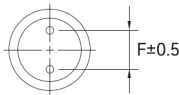
| 项目                      | 特性                                                                    |      |      |             |      |      |      |         |      |     |
|-------------------------|-----------------------------------------------------------------------|------|------|-------------|------|------|------|---------|------|-----|
| 使用温度范围                  | ≤120V -55~+105℃；160~500V -40~+105℃                                    |      |      |             |      |      |      |         |      |     |
| 标称电压范围                  | 10~500V                                                               |      |      |             |      |      |      |         |      |     |
| 容量允许偏差                  | ±20% (25±2℃ 120Hz)                                                    |      |      |             |      |      |      |         |      |     |
| 漏电流(μA)                 | 10~120WV I≤0.01CV or 3μA 取大者 C:标称容量(μF) V:额定电压(V) 2分钟读数               |      |      |             |      |      |      |         |      |     |
|                         | 160~500WV I≤0.02CV+10(μA) C:标称容量(μF) V:额定电压(V) 2分钟读数                  |      |      |             |      |      |      |         |      |     |
| 损耗角正切值<br>(25±2℃ 120Hz) | 额定电压(V)                                                               | 10   | 16   | 25          | 35   | 50   | 63   | 80      | 100  |     |
|                         | tg δ                                                                  | 0.19 | 0.16 | 0.14        | 0.12 | 0.10 | 0.09 | 0.09    | 0.09 |     |
|                         | 额定电压(V)                                                               | 120  | 160  | 200         | 250  | 350  | 400  | 450     | 500  |     |
|                         | tg δ                                                                  | 0.09 | 0.09 | 0.08        | 0.08 | 0.10 | 0.10 | 0.12    | 0.20 |     |
|                         | 标称容量超过1000μF者，则每增加1000μF，损耗角正切值增加0.02                                 |      |      |             |      |      |      |         |      |     |
| 温度特性<br>(120Hz)         | 额定电压(V)                                                               |      | 10   | 16          | 25   | 35   | 50   | 63      | 80   | 100 |
|                         | 阻抗比Z(-40℃)/Z(20℃)                                                     |      | 6    | 4           | 3    | 3    | 3    | 3       | 3    | 3   |
|                         | 额定电压(V)                                                               |      | 120  | 160         | 200  | 250  | 350  | 400     | 450  | 500 |
|                         | 阻抗比Z(-40℃)/Z(20℃)                                                     |      | 5    | 5           | 5    | 5    | 7    | 7       | 7    | 8   |
| 耐久性                     | 在105℃烘箱中，施加含额定纹波电流的额定电压，持续规定时间后，置于常温16小时后测试，测试温度: 25±2℃，电容器的性能应满足如下要求 |      |      |             |      |      |      |         |      |     |
|                         | 容量变化率                                                                 |      |      | 在初始值的±20%以内 |      |      |      |         |      |     |
|                         | 损耗角正切值                                                                |      |      | 在规定值的200%以下 |      |      |      |         |      |     |
|                         | 漏电流                                                                   |      |      | 在规定值以下      |      |      |      |         |      |     |
|                         | 负荷寿命                                                                  |      |      | Φ5          |      |      |      | 7000小时  |      |     |
|                         |                                                                       |      |      | Φ6.3        |      |      |      | 9000小时  |      |     |
|                         |                                                                       |      |      | ≥Φ8         |      |      |      | 10000小时 |      |     |
| 高温储存                    | 在105℃下，储存1000小时，置于常温16小时后测试，测试温度25±2℃，电容器的性能应满足如下要求                   |      |      |             |      |      |      |         |      |     |
|                         | 容量变化率                                                                 |      |      | 在初始值的±20%以内 |      |      |      |         |      |     |
|                         | 损耗角正切值                                                                |      |      | 在规定值的200%以下 |      |      |      |         |      |     |
|                         | 漏电流                                                                   |      |      | 在规定值的200%以下 |      |      |      |         |      |     |

产品尺寸图 (单位: mm)



安全阀

备注: ≥Φ6.3 产品有安全阀



|      |       |
|------|-------|
| L=9  | α=1.0 |
| L≤16 | α=1.5 |
| L>16 | α=2.0 |

|   |     |     |     |     |      |      |     |     |
|---|-----|-----|-----|-----|------|------|-----|-----|
| D | 5   | 6.3 | 8   | 10  | 12.5 | 14.5 | 16  | 18  |
| d | 0.5 | 0.5 | 0.6 | 0.6 | 0.7  | 0.8  | 0.8 | 0.8 |
| F | 2.0 | 2.5 | 3.5 | 5.0 | 5.0  | 7.5  | 7.5 | 7.5 |

纹波电流补偿系数

①频率修正因子

|        |      |      |      |         |      |
|--------|------|------|------|---------|------|
| 频率(Hz) | 50   | 120  | 1K   | 10K~50K | 100K |
| 修正因子   | 0.40 | 0.50 | 0.80 | 0.90    | 1.00 |

②温度修正系数

|         |     |     |     |      |
|---------|-----|-----|-----|------|
| 环境温度(℃) | 50℃ | 70℃ | 85℃ | 105℃ |
| 修正因子    | 2.1 | 1.8 | 1.4 | 1.0  |



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■ 标准品一览表

| 电压(V)            | 10             |                              |                                    | 16             |                              |                                    | 25             |                              |                                    | 35             |                              |                                    |
|------------------|----------------|------------------------------|------------------------------------|----------------|------------------------------|------------------------------------|----------------|------------------------------|------------------------------------|----------------|------------------------------|------------------------------------|
| 项目<br>容量<br>(μF) | 尺寸<br>ΦD×L(mm) | 阻抗<br>(Ωmax/100kHz<br>25±2℃) | 纹波电流<br>(mA r.m.s/<br>105℃ 100kHz) | 尺寸<br>ΦD×L(mm) | 阻抗<br>(Ωmax/100kHz<br>25±2℃) | 纹波电流<br>(mA r.m.s/<br>105℃ 100kHz) | 尺寸<br>ΦD×L(mm) | 阻抗<br>(Ωmax/100kHz<br>25±2℃) | 纹波电流<br>(mA r.m.s/<br>105℃ 100kHz) | 尺寸<br>ΦD×L(mm) | 阻抗<br>(Ωmax/100kHz<br>25±2℃) | 纹波电流<br>(mA r.m.s/<br>105℃ 100kHz) |
| 10               | 5×9            | 1.10                         | 56                                 | 5×9            | 1.10                         | 71                                 | 5×9            | 1.10                         | 91                                 | 5×9            | 1.40                         | 101                                |
| 15               | 5×9            | 1.10                         | 76                                 | 5×9            | 1.10                         | 91                                 | 5×9            | 1.10                         | 111                                | 5×9            | 1.10                         | 121                                |
| 22               | 5×9            | 0.40                         | 91                                 | 5×9            | 0.40                         | 111                                | 5×9            | 1.10                         | 121                                | 5×9            | 1.10                         | 160                                |
| 33               | 5×9            | 0.40                         | 106                                | 5×9            | 0.40                         | 121                                | 5×9            | 0.40                         | 151                                | 5×9            | 0.40                         | 215                                |
| 39               | 5×9            | 0.26                         | 136                                | 5×9            | 0.40                         | 151                                | 5×9            | 0.40                         | 181                                | 5×9            | 0.40                         | 345                                |
| 47               | 5×9            | 0.26                         | 143                                | 5×9            | 0.26                         | 161                                | 5×9            | 0.26                         | 211                                | 5×9            | 0.37                         | 345                                |
| 56               | 5×9            | 0.26                         | 151                                | 5×9            | 0.26                         | 171                                | 5×9            | 0.26                         | 310                                | 5×9            | 0.37                         | 414                                |
| 68               | 5×9            | 0.26                         | 161                                | 5×9            | 0.26                         | 181                                | 5×9            | 0.24                         | 345                                | 5×11           | 0.34                         | 443                                |
| 68               |                |                              |                                    |                |                              |                                    |                |                              |                                    | 6.3×9          | 0.34                         | 486                                |
| 82               | 5×9            | 0.26                         | 171                                | 5×9            | 0.26                         | 211                                | 5×9            | 0.34                         | 414                                | 5×11           | 0.28                         | 486                                |
| 82               |                |                              |                                    |                |                              |                                    |                |                              |                                    | 6.3×9          | 0.28                         | 540                                |
| 100              | 5×9            | 0.26                         | 181                                | 5×9            | 0.24                         | 345                                | 5×9            | 0.34                         | 443                                | 6.3×9          | 0.28                         | 550                                |
| 120              | 5×9            | 0.26                         | 211                                | 5×9            | 0.24                         | 345                                | 5×11           | 0.34                         | 486                                | 6.3×9          | 0.28                         | 550                                |
| 120              |                |                              |                                    |                |                              |                                    | 6.3×9          | 0.28                         | 486                                |                |                              |                                    |
| 150              | 5×9            | 0.26                         | 345                                | 5×9            | 0.34                         | 414                                | 6.3×9          | 0.28                         | 540                                | 6.3×11         | 0.21                         | 660                                |
| 150              |                |                              |                                    |                |                              |                                    |                |                              |                                    | 8×9            | 0.21                         | 660                                |
| 180              | 5×9            | 0.26                         | 345                                | 5×11           | 0.34                         | 443                                | 6.3×9          | 0.28                         | 550                                | 8×9            | 0.21                         | 900                                |
| 180              |                |                              |                                    | 6.3×9          | 0.34                         | 486                                |                |                              |                                    |                |                              |                                    |
| 220              | 5×9            | 0.34                         | 414                                | 6.3×9          | 0.28                         | 540                                | 6.3×11         | 0.21                         | 660                                | 8×9            | 0.15                         | 945                                |
| 220              |                |                              |                                    |                |                              |                                    | 8×9            | 0.21                         | 660                                |                |                              |                                    |
| 270              | 5×11           | 0.34                         | 443                                | 6.3×9          | 0.28                         | 540                                | 8×9            | 0.15                         | 900                                | 8×11.5         | 0.1200                       | 1250                               |
| 270              | 6.3×9          | 0.34                         | 486                                |                |                              |                                    |                |                              |                                    | 10×9           | 0.1200                       | 1250                               |
| 330              | 6.3×9          | 0.15                         | 540                                | 6.3×11         | 0.21                         | 550                                | 8×9            | 0.1500                       | 945                                | 8×14           | 0.0900                       | 1330                               |
| 330              |                |                              |                                    | 8×9            | 0.21                         | 550                                |                |                              |                                    | 10×12.5        | 0.0900                       | 1330                               |
| 390              | 6.3×9          | 0.15                         | 540                                | 8×9            | 0.15                         | 660                                | 8×11.5         | 0.0980                       | 1250                               | 8×16           | 0.076                        | 1420                               |
| 390              |                |                              |                                    |                |                              |                                    | 10×9           | 0.0980                       | 1250                               | 10×12.5        | 0.076                        | 1760                               |
| 470              | 6.3×11         | 0.15                         | 545                                | 8×9            | 0.15                         | 900                                | 8×11.5         | 0.0980                       | 1330                               | 10×14          | 0.0590                       | 1850                               |
| 470              | 8×9            | 0.15                         | 550                                |                |                              |                                    | 10×9           | 0.0980                       | 1330                               |                |                              |                                    |
| 560              | 6.3×11         | 0.12                         | 880                                | 8×9            | 0.15                         | 900                                | 8×14           | 0.0760                       | 1420                               | 10×14          | 0.0590                       | 1960                               |
| 560              | 8×9            | 0.12                         | 900                                |                |                              |                                    | 10×12.5        | 0.0760                       | 1760                               |                |                              |                                    |
| 680              | 8×9            | 0.12                         | 900                                | 8×11.5         | 0.0980                       | 1250                               | 8×16           | 0.0590                       | 1500                               | 10×16          | 0.0520                       | 2120                               |
| 680              |                |                              |                                    | 10×9           | 0.0980                       | 1330                               | 10×12.5        | 0.0590                       | 1760                               | 12.5×14        | 0.0520                       | 2120                               |
| 820              | 8×9            | 0.12                         | 1180                               | 8×14           | 0.0760                       | 1420                               | 10×14          | 0.0460                       | 1850                               | 12.5×14        | 0.0520                       | 2360                               |
| 820              |                |                              |                                    | 10×12.5        | 0.0760                       | 1760                               |                |                              |                                    |                |                              |                                    |
| 1000             | 8×11.5         | 0.0980                       | 1250                               | 8×16           | 0.0590                       | 1500                               | 10×16          | 0.0420                       | 1960                               | 12.5×16        | 0.0420                       | 2480                               |
| 1000             | 10×9           | 0.0980                       | 1330                               | 10×12.5        | 0.0590                       | 1850                               | 12.5×14        | 0.0420                       | 2120                               |                |                              |                                    |
| 1200             | 8×14           | 0.0760                       | 1420                               | 10×14          | 0.0460                       | 1850                               | 10×20          | 0.0320                       | 2120                               | 12.5×20        | 0.0380                       | 2900                               |
| 1200             | 10×12.5        | 0.0760                       | 1760                               |                |                              |                                    | 12.5×14        | 0.0320                       | 2120                               |                |                              |                                    |
| 1500             | 8×16           | 0.0590                       | 1500                               | 10×16          | 0.0420                       | 1960                               | 10×20          | 0.0280                       | 2480                               | 12.5×20        | 0.0380                       | 2900                               |



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■ 标准品一览表

| 电压(V)            | 10             |                              |                                    | 16             |                              |                                    | 25             |                              |                                    | 35             |                              |                                    |
|------------------|----------------|------------------------------|------------------------------------|----------------|------------------------------|------------------------------------|----------------|------------------------------|------------------------------------|----------------|------------------------------|------------------------------------|
| 项目<br>容量<br>(μF) | 尺寸<br>ΦD×L(mm) | 阻抗<br>(Ωmax/100kHz<br>25±2℃) | 纹波电流<br>(mA r.m.s/<br>105℃ 100kHz) | 尺寸<br>ΦD×L(mm) | 阻抗<br>(Ωmax/100kHz<br>25±2℃) | 纹波电流<br>(mA r.m.s/<br>105℃ 100kHz) | 尺寸<br>ΦD×L(mm) | 阻抗<br>(Ωmax/100kHz<br>25±2℃) | 纹波电流<br>(mA r.m.s/<br>105℃ 100kHz) | 尺寸<br>ΦD×L(mm) | 阻抗<br>(Ωmax/100kHz<br>25±2℃) | 纹波电流<br>(mA r.m.s/<br>105℃ 100kHz) |
| 1500             | 10×12.5        | 0.0590                       | 1760                               | 12.5×14        | 0.0420                       | 2120                               | 12.5×16        | 0.0280                       | 2480                               | 16×16          | 0.0380                       | 3250                               |
| 1800             | 10×14          | 0.0460                       | 1850                               | 10×20          | 0.0380                       | 1960                               | 12.5×16        | 0.0280                       | 2480                               | 12.5×25        | 0.0350                       | 3450                               |
| 1800             |                |                              |                                    | 12.5×14        | 0.0420                       | 2120                               |                |                              |                                    | 16×20          | 0.0350                       | 3630                               |
| 2200             | 10×16          | 0.0420                       | 1960                               | 10×20          | 0.0380                       | 2480                               | 12.5×20        | 0.0270                       | 2900                               | 12.5×30        | 0.0320                       | 3630                               |
| 2200             | 12.5×14        | 0.0420                       | 2120                               | 12.5×16        | 0.0380                       | 2480                               | 16×16          | 0.0270                       | 3250                               | 16×20          | 0.0320                       | 3630                               |
| 2700             | 10×20          | 0.0320                       | 2250                               | 12.5×16        | 0.0380                       | 2480                               | 12.5×25        | 0.0265                       | 3450                               | 16×25          | 0.0230                       | 3890                               |
| 2700             | 12.5×14        | 0.0320                       | 2250                               |                |                              |                                    | 16×20          | 0.0265                       | 3630                               | 18×20          | 0.0230                       | 4010                               |
| 3300             | 10×23          | 0.0280                       | 2480                               | 12.5×20        | 0.0280                       | 2900                               | 12.5×30        | 0.0260                       | 3630                               | 16×31.5        | 0.0100                       | 4080                               |
| 3300             | 12.5×16        | 0.0280                       | 2480                               |                |                              |                                    | 16×20          | 0.0260                       | 3630                               | 18×25          | 0.0100                       | 4080                               |
| 3900             | 12.5×16        | 0.0280                       | 2900                               | 12.5×25        | 0.0230                       | 3250                               | 16×25          | 0.0171                       | 3890                               | 18×25          | 0.0100                       | 4080                               |
| 3900             |                |                              |                                    | 16×16          | 0.0230                       | 3450                               | 18×20          | 0.0171                       | 3650                               |                |                              |                                    |
| 4700             | 12.5×20        | 0.0230                       | 3250                               | 12.5×25        | 0.0210                       | 3450                               | 16×25          | 0.0121                       | 3890                               |                |                              |                                    |
| 4700             | 16×16          | 0.0230                       | 3450                               | 16×20          | 0.0210                       | 3630                               | 18×20          | 0.0110                       | 4010                               |                |                              |                                    |

| 电压(V)            | 50             |                              |                                    | 63             |                              |                                    | 80             |                              |                                    | 100            |                              |                                    |
|------------------|----------------|------------------------------|------------------------------------|----------------|------------------------------|------------------------------------|----------------|------------------------------|------------------------------------|----------------|------------------------------|------------------------------------|
| 项目<br>容量<br>(μF) | 尺寸<br>ΦD×L(mm) | 阻抗<br>(Ωmax/100kHz<br>25±2℃) | 纹波电流<br>(mA r.m.s/<br>105℃ 100kHz) | 尺寸<br>ΦD×L(mm) | 阻抗<br>(Ωmax/100kHz<br>25±2℃) | 纹波电流<br>(mA r.m.s/<br>105℃ 100kHz) | 尺寸<br>ΦD×L(mm) | 阻抗<br>(Ωmax/100kHz<br>25±2℃) | 纹波电流<br>(mA r.m.s/<br>105℃ 100kHz) | 尺寸<br>ΦD×L(mm) | 阻抗<br>(Ωmax/100kHz<br>25±2℃) | 纹波电流<br>(mA r.m.s/<br>105℃ 100kHz) |
| 0.47             | 5×9            | 5.50                         | 21                                 | 5×9            | 5.00                         | 23                                 | 5×9            | 6.05                         | 24                                 | 5×9            | 6.05                         | 24                                 |
| 1.0              | 5×9            | 5.50                         | 31                                 | 5×9            | 5.00                         | 35                                 | 5×9            | 6.05                         | 37                                 | 5×9            | 6.05                         | 37                                 |
| 1.2              |                |                              |                                    | 5×9            | 5.00                         | 35                                 | 5×9            | 6.05                         | 37                                 | 5×9            | 6.05                         | 37                                 |
| 1.5              |                |                              |                                    | 5×9            | 5.00                         | 41                                 | 5×9            | 6.05                         | 43                                 | 5×9            | 6.05                         | 43                                 |
| 1.8              | 5×9            | 5.50                         | 32                                 | 5×9            | 5.00                         | 41                                 | 5×9            | 6.05                         | 43                                 | 5×9            | 6.05                         | 43                                 |
| 2.2              | 5×9            | 1.50                         | 39                                 | 5×9            | 1.50                         | 45                                 | 5×9            | 1.50                         | 47                                 | 5×9            | 1.60                         | 47                                 |
| 2.7              |                |                              |                                    | 5×9            | 1.50                         | 52                                 | 5×9            | 1.50                         | 55                                 | 5×9            | 1.60                         | 55                                 |
| 3.3              | 5×9            | 1.50                         | 54                                 | 5×9            | 1.50                         | 59                                 | 5×9            | 1.50                         | 62                                 | 5×9            | 1.60                         | 62                                 |
| 3.9              | 5×9            | 1.50                         | 54                                 | 5×9            | 1.50                         | 78                                 | 5×9            | 1.50                         | 81                                 | 5×9            | 1.60                         | 81                                 |
| 4.7              | 5×9            | 1.50                         | 89                                 | 5×9            | 1.50                         | 98                                 | 5×9            | 1.50                         | 101                                | 5×9            | 1.60                         | 101                                |
| 5.6              | 5×9            | 1.50                         | 91                                 | 5×9            | 1.50                         | 100                                | 5×9            | 1.50                         | 106                                | 5×9            | 1.40                         | 106                                |
| 6.8              | 5×9            | 1.50                         | 94                                 | 5×9            | 1.50                         | 103                                | 5×9            | 1.50                         | 111                                | 5×9            | 1.40                         | 111                                |
| 8.2              | 5×9            | 1.50                         | 98                                 | 5×9            | 1.50                         | 109                                | 5×9            | 1.50                         | 121                                | 5×9            | 1.40                         | 121                                |
| 10               | 5×9            | 1.50                         | 101                                | 5×9            | 1.50                         | 111                                | 5×9            | 1.40                         | 150                                | 5×9            | 0.80                         | 220                                |
| 12               |                |                              |                                    | 5×9            | 1.50                         | 121                                | 5×9            | 1.40                         | 163                                | 5×11           | 0.80                         | 267                                |
| 12               |                |                              |                                    |                |                              |                                    |                |                              |                                    | 6.3×9          | 0.80                         | 267                                |
| 15               | 5×9            | 1.50                         | 121                                | 5×9            | 1.50                         | 150                                | 5×9            | 1.10                         | 200                                | 5×11           | 0.80                         | 267                                |
| 15               |                |                              |                                    |                |                              |                                    |                |                              |                                    | 6.3×9          | 0.80                         | 267                                |
| 18               |                |                              |                                    | 5×9            | 1.1                          | 173                                | 5×9            | 0.86                         | 240                                | 6.3×9          | 0.63                         | 267                                |



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| 电压(V)            | 50             |                              |                                    | 63             |                              |                                    | 80             |                              |                                    | 100            |                              |                                    |
|------------------|----------------|------------------------------|------------------------------------|----------------|------------------------------|------------------------------------|----------------|------------------------------|------------------------------------|----------------|------------------------------|------------------------------------|
| 项目<br>容量<br>(μF) | 尺寸<br>ΦD×L(mm) | 阻抗<br>(Ωmax/100kHz<br>25±2℃) | 纹波电流<br>(mA r.m.s/<br>105℃ 100kHz) | 尺寸<br>ΦD×L(mm) | 阻抗<br>(Ωmax/100kHz<br>25±2℃) | 纹波电流<br>(mA r.m.s/<br>105℃ 100kHz) | 尺寸<br>ΦD×L(mm) | 阻抗<br>(Ωmax/100kHz<br>25±2℃) | 纹波电流<br>(mA r.m.s/<br>105℃ 100kHz) | 尺寸<br>ΦD×L(mm) | 阻抗<br>(Ωmax/100kHz<br>25±2℃) | 纹波电流<br>(mA r.m.s/<br>105℃ 100kHz) |
| 22               | 5×9            | 1.10                         | 238                                | 5×9            | 0.86                         | 228                                | 5×11           | 0.73                         | 250                                | 6.3×9          | 0.63                         | 290                                |
| 22               |                |                              |                                    |                |                              |                                    | 6.3×9          | 0.63                         | 267                                |                |                              |                                    |
| 27               | 5×9            | 0.86                         | 286                                | 5×9            | 0.58                         | 250                                | 6.3×9          | 0.63                         | 267                                | 6.3×11         | 0.63                         | 420                                |
| 27               |                |                              |                                    |                |                              |                                    |                |                              |                                    | 8×9            | 0.63                         | 450                                |
| 33               | 5×9            | 0.58                         | 314                                | 5×11           | 0.39                         | 300                                | 6.3×9          | 0.63                         | 267                                | 8×9            | 0.40                         | 450                                |
| 33               |                |                              |                                    | 6.3×9          | 0.39                         | 344                                |                |                              |                                    |                |                              |                                    |
| 39               | 5×11           | 0.36                         | 344                                | 6.3×9          | 0.39                         | 344                                | 6.3×11         | 0.63                         | 400                                | 8×9            | 0.28                         | 565                                |
| 39               | 6.3×9          | 0.36                         | 344                                |                |                              |                                    | 8×9            | 0.63                         | 420                                |                |                              |                                    |
| 47               | 5×11           | 0.36                         | 344                                | 6.3×9          | 0.39                         | 385                                | 6.3×11         | 0.63                         | 420                                | 8×11.5         | 0.28                         | 585                                |
| 47               | 6.3×9          | 0.34                         | 385                                |                |                              |                                    | 8×9            | 0.63                         | 470                                | 10×9           | 0.28                         | 624                                |
| 56               | 6.3×9          | 0.34                         | 385                                | 6.3×11         | 0.24                         | 492                                | 8×9            | 0.63                         | 470                                | 8×14           | 0.25                         | 624                                |
| 56               |                |                              |                                    | 8×9            | 0.24                         | 525                                |                |                              |                                    | 10×9           | 0.25                         | 624                                |
| 68               | 6.3×9          | 0.34                         | 390                                | 6.3×11         | 0.24                         | 724                                | 8×9            | 0.49                         | 520                                | 8×16           | 0.21                         | 735                                |
| 68               |                |                              |                                    | 8×9            | 0.24                         | 724                                |                |                              |                                    | 10×12.5        | 0.21                         | 750                                |
| 82               | 6.3×11         | 0.24                         | 487                                | 8×9            | 0.24                         | 724                                | 8×11.5         | 0.38                         | 624                                | 8×16           | 0.19                         | 780                                |
| 82               | 8×9            | 0.24                         | 724                                |                |                              |                                    | 10×9           | 0.25                         | 668                                | 10×14          | 0.19                         | 900                                |
| 100              | 6.3×11         | 0.18                         | 687                                | 8×9            | 0.24                         | 902                                | 8×14           | 0.21                         | 735                                | 10×14          | 0.14                         | 1040                               |
| 100              | 8×9            | 0.18                         | 724                                |                |                              |                                    | 10×9           | 0.19                         | 744                                |                |                              |                                    |
| 120              | 8×9            | 0.18                         | 800                                | 8×11.5         | 0.19                         | 902                                | 8×16           | 0.19                         | 744                                | 10×16          | 0.12                         | 1170                               |
| 120              |                |                              |                                    | 10×9           | 0.19                         | 979                                | 10×12.5        | 0.19                         | 892                                | 12.5×14        | 0.12                         | 1240                               |
| 150              | 8×11.5         | 0.14                         | 950                                | 8×14           | 0.19                         | 950                                | 10×14          | 0.15                         | 980                                | 12.5×14        | 0.0930                       | 1368                               |
| 150              | 10×9           | 0.14                         | 975                                | 10×12.5        | 0.19                         | 1130                               |                |                              |                                    |                |                              |                                    |
| 180              | 8×14           | 0.11                         | 1190                               | 8×16           | 0.19                         | 1190                               | 10×14          | 0.15                         | 980                                | 12.5×16        | 0.0660                       | 1530                               |
| 180              | 10×12.5        | 0.11                         | 1230                               | 10×14          | 0.19                         | 1190                               |                |                              |                                    |                |                              |                                    |
| 220              | 8×14           | 0.0950                       | 1190                               | 10×14          | 0.14                         | 1200                               | 10×16          | 0.13                         | 1040                               | 12.5×20        | 0.0660                       | 1620                               |
| 220              | 10×12.5        | 0.0950                       | 1230                               |                |                              |                                    | 12.5×14        | 0.13                         | 1040                               |                |                              |                                    |
| 270              | 8×16           | 0.0740                       | 1420                               | 10×16          | 0.0860                       | 1300                               | 10×20          | 0.0940                       | 1240                               | 12.5×20        | 0.0560                       | 1750                               |
| 270              | 10×14          | 0.0740                       | 1420                               | 12.5×14        | 0.0902                       | 1500                               | 12.5×16        | 0.0940                       | 1240                               | 16×16          | 0.0640                       | 1750                               |
| 330              | 10×14          | 0.0740                       | 1450                               | 10×16          | 0.0860                       | 1580                               | 12.5×16        | 0.0940                       | 1368                               | 12.5×25        | 0.0470                       | 2140                               |
| 330              |                |                              |                                    | 12.5×14        | 0.0902                       | 1650                               |                |                              |                                    | 16×20          | 0.0480                       | 2210                               |
| 390              | 10×16          | 0.0580                       | 1580                               | 10×20          | 0.0660                       | 1870                               | 12.5×20        | 0.0640                       | 1640                               | 12.5×30        | 0.0400                       | 2210                               |
| 390              | 12.5×14        | 0.0580                       | 1650                               | 12.5×16        | 0.0660                       | 1870                               | 16×16          | 0.0640                       | 1750                               | 16×20          | 0.0480                       | 2210                               |
| 470              | 12.5×14        | 0.0580                       | 2050                               | 12.5×16        | 0.0500                       | 2100                               | 12.5×20        | 0.0640                       | 1750                               | 16×25          | 0.0480                       | 2400                               |
| 470              |                |                              |                                    |                |                              |                                    | 16×16          | 0.0480                       | 1750                               | 18×20          | 0.0420                       | 2270                               |
| 560              | 12.5×16        | 0.0500                       | 2050                               | 12.5×20        | 0.0473                       | 2410                               | 12.5×25        | 0.0480                       | 2110                               | 16×25          | 0.0320                       | 2600                               |
| 560              |                |                              |                                    | 16×16          | 0.0473                       | 2500                               | 16×20          | 0.0480                       | 2110                               |                |                              |                                    |
| 680              | 12.5×16        | 0.0500                       | 2250                               | 12.5×25        | 0.0473                       | 2410                               | 12.5×30        | 0.0420                       | 2270                               | 16×31.5        | 0.0300                       | 2860                               |
| 680              |                |                              |                                    | 16×16          | 0.0385                       | 2730                               | 16×20          | 0.0420                       | 2270                               | 18×25          | 0.0300                       | 2860                               |
| 820              | 12.5×20        | 0.0390                       | 2410                               | 12.5×30        | 0.0360                       | 2620                               | 16×25          | 0.0320                       | 2600                               | 18×31.5        | 0.0290                       | 3510                               |



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■ 标准品一览表

| 电压(V)            | 50             |                              |                                    | 63             |                              |                                    | 80             |                              |                                    |
|------------------|----------------|------------------------------|------------------------------------|----------------|------------------------------|------------------------------------|----------------|------------------------------|------------------------------------|
| 项目<br>容量<br>(μF) | 尺寸<br>ΦD×L(mm) | 阻抗<br>(Ωmax/100kHz<br>25±2℃) | 纹波电流<br>(mA r.m.s/<br>105℃ 100kHz) | 尺寸<br>ΦD×L(mm) | 阻抗<br>(Ωmax/100kHz<br>25±2℃) | 纹波电流<br>(mA r.m.s/<br>105℃ 100kHz) | 尺寸<br>ΦD×L(mm) | 阻抗<br>(Ωmax/100kHz<br>25±2℃) | 纹波电流<br>(mA r.m.s/<br>105℃ 100kHz) |
| 820              | 16×16          | 0.0390                       | 2730                               | 16×20          | 0.0350                       | 2730                               | 18×20          | 0.0420                       | 2270                               |
| 1000             | 12.5×25        | 0.0390                       | 2860                               | 16×20          | 0.0350                       | 2860                               | 16×31.5        | 0.0300                       | 2860                               |
| 1000             | 16×16          | 0.0390                       | 3010                               |                |                              |                                    | 18×25          | 0.0340                       | 2470                               |
| 1200             | 12.5×25        | 0.0340                       | 3280                               | 16×25          | 0.0340                       | 2990                               | 18×25          | 0.0300                       | 2860                               |
| 1200             | 16×20          | 0.0340                       | 3300                               | 18×20          | 0.0340                       | 3300                               |                |                              |                                    |
| 1500             | 12.5×30        | 0.0260                       | 3280                               | 16×25          | 0.0280                       | 3280                               | 18×31.5        | 0.0290                       | 3510                               |
| 1500             | 16×25          | 0.0340                       | 3300                               |                |                              |                                    |                |                              |                                    |
| 1800             | 16×25          | 0.0280                       | 3300                               | 16×31.5        | 0.0280                       | 3570                               |                |                              |                                    |
| 1800             | 18×20          | 0.0280                       | 3300                               | 18×25          | 0.0280                       | 3570                               |                |                              |                                    |
| 2200             | 18×25          | 0.0280                       | 3570                               | 18×31.5        | 0.0260                       | 3670                               |                |                              |                                    |
| 2700             | 18×31.5        | 0.0260                       | 3670                               |                |                              |                                    |                |                              |                                    |

| 电压(V)            | 120            |                              |                                    | 160            |                              |                                    | 200            |                              |                                    | 250            |                              |                                    |
|------------------|----------------|------------------------------|------------------------------------|----------------|------------------------------|------------------------------------|----------------|------------------------------|------------------------------------|----------------|------------------------------|------------------------------------|
| 项目<br>容量<br>(μF) | 尺寸<br>ΦD×L(mm) | 阻抗<br>(Ωmax/100kHz<br>25±2℃) | 纹波电流<br>(mA r.m.s/<br>105℃ 100kHz) | 尺寸<br>ΦD×L(mm) | 阻抗<br>(Ωmax/100kHz<br>25±2℃) | 纹波电流<br>(mA r.m.s/<br>105℃ 100kHz) | 尺寸<br>ΦD×L(mm) | 阻抗<br>(Ωmax/100kHz<br>25±2℃) | 纹波电流<br>(mA r.m.s/<br>105℃ 100kHz) | 尺寸<br>ΦD×L(mm) | 阻抗<br>(Ωmax/100kHz<br>25±2℃) | 纹波电流<br>(mA r.m.s/<br>105℃ 100kHz) |
| 0.47             | 5×9            | 6.05                         | 24                                 |                |                              |                                    |                |                              |                                    |                |                              |                                    |
| 1.0              | 5×9            | 6.05                         | 37                                 | 5×9            | 28.00                        | 68                                 | 5×9            | 28.00                        | 50                                 | 5×9            | 28.00                        | 56                                 |
| 1.2              | 5×9            | 6.05                         | 37                                 | 5×9            | 28.00                        | 68                                 | 5×9            | 28.00                        | 55                                 | 5×9            | 28.00                        | 56                                 |
| 1.5              | 5×9            | 6.05                         | 43                                 | 5×9            | 28.00                        | 95                                 | 5×9            | 28.00                        | 60                                 | 5×9            | 28.00                        | 56                                 |
| 1.8              | 5×9            | 6.05                         | 43                                 | 5×9            | 28.00                        | 95                                 | 5×9            | 28.00                        | 65                                 | 5×9            | 28.00                        | 65                                 |
| 2.2              | 5×9            | 1.60                         | 47                                 | 5×9            | 28.00                        | 95                                 | 5×9            | 28.00                        | 75                                 | 5×9            | 28.00                        | 98                                 |
| 2.7              | 5×9            | 1.60                         | 55                                 | 5×9            | 28.00                        | 95                                 | 5×9            | 28.00                        | 80                                 | 5×9            | 28.00                        | 98                                 |
| 3.3              | 5×9            | 1.60                         | 62                                 | 5×9            | 28.00                        | 95                                 | 5×9            | 28.00                        | 95                                 | 5×9            | 28.00                        | 98                                 |
| 3.9              | 5×9            | 1.60                         | 81                                 | 5×9            | 28.00                        | 95                                 | 5×9            | 28.00                        | 95                                 | 5×11           | 23.00                        | 114                                |
| 3.9              |                |                              |                                    |                |                              |                                    |                |                              |                                    | 6.3×9          | 15.60                        | 135                                |
| 4.7              | 5×9            | 1.60                         | 101                                | 5×9            | 23.00                        | 95                                 | 5×11           | 23.00                        | 104                                | 6.3×9          | 15.60                        | 135                                |
| 4.7              |                |                              |                                    |                |                              |                                    | 6.3×9          | 15.60                        | 125                                |                |                              |                                    |
| 5.6              | 5×9            | 1.60                         | 106                                | 5×11           | 23.00                        | 104                                | 6.3×9          | 15.60                        | 125                                | 6.3×9          | 15.60                        | 140                                |
| 5.6              |                |                              |                                    | 6.3×9          | 23.00                        | 110                                |                |                              |                                    |                |                              |                                    |
| 6.8              | 5×11           | 1.40                         | 111                                | 6.3×9          | 18.00                        | 125                                | 6.3×9          | 15.60                        | 140                                | 6.3×11         | 14.90                        | 140                                |
| 6.8              |                |                              |                                    |                |                              |                                    |                |                              |                                    | 8×9            | 14.90                        | 140                                |
| 8.2              | 5×11           | 1.40                         | 127                                | 6.3×9          | 18.00                        | 125                                | 6.3×11         | 14.90                        | 140                                | 6.3×12         | 12.50                        | 150                                |
| 8.2              |                |                              |                                    |                |                              |                                    | 8×9            | 14.90                        | 140                                | 8×9            | 12.50                        | 170                                |
| 10               | 6.3×9          | 1.10                         | 220                                | 6.3×11         | 15.00                        | 132                                | 6.3×12         | 12.50                        | 160                                | 8×9            | 10.00                        | 210                                |
| 10               |                |                              |                                    | 8×9            | 15.00                        | 140                                | 8×9            | 12.50                        | 170                                |                |                              |                                    |
| 12               | 6.3×9          | 1.10                         | 220                                | 6.3×12         | 12.50                        | 140                                | 8×11.5         | 7.00                         | 210                                | 8×11.5         | 7.00                         | 270                                |



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## ■ 标准品一览表

| 电压(V)            | 120            |                              |                                    | 160            |                              |                                    | 200            |                              |                                    | 250            |                              |                                    |
|------------------|----------------|------------------------------|------------------------------------|----------------|------------------------------|------------------------------------|----------------|------------------------------|------------------------------------|----------------|------------------------------|------------------------------------|
| 项目<br>容量<br>(μF) | 尺寸<br>ΦD×L(mm) | 阻抗<br>(Ωmax/100kHz<br>25±2℃) | 纹波电流<br>(mA r.m.s/<br>105℃ 100kHz) | 尺寸<br>ΦD×L(mm) | 阻抗<br>(Ωmax/100kHz<br>25±2℃) | 纹波电流<br>(mA r.m.s/<br>105℃ 100kHz) | 尺寸<br>ΦD×L(mm) | 阻抗<br>(Ωmax/100kHz<br>25±2℃) | 纹波电流<br>(mA r.m.s/<br>105℃ 100kHz) | 尺寸<br>ΦD×L(mm) | 阻抗<br>(Ωmax/100kHz<br>25±2℃) | 纹波电流<br>(mA r.m.s/<br>105℃ 100kHz) |
| 12               |                |                              |                                    | 8×9            | 12.50                        | 150                                |                |                              |                                    |                |                              |                                    |
| 15               | 6.3×11         | 0.80                         | 267                                | 6.3×12         | 12.50                        | 140                                | 8×11.5         | 4.90                         | 256                                | 8×11.5         | 4.90                         | 270                                |
| 15               | 8×9            | 0.80                         | 267                                | 8×9            | 12.50                        | 150                                | 10×9           | 4.90                         | 280                                | 10×9           | 4.90                         | 280                                |
| 18               | 8×9            | 0.80                         | 267                                | 8×11.5         | 9.70                         | 160                                | 8×14           | 3.58                         | 280                                | 8×14           | 3.58                         | 280                                |
| 18               |                |                              |                                    | 10×9           | 12.50                        | 160                                | 10×12.5        | 3.58                         | 320                                | 10×12.5        | 3.58                         | 320                                |
| 22               | 8×9            | 0.80                         | 290                                | 8×11.5         | 7.90                         | 160                                | 8×16           | 3.58                         | 320                                | 8×16           | 3.58                         | 320                                |
| 22               |                |                              |                                    | 10×9           | 7.90                         | 250                                | 10×12.5        | 3.58                         | 320                                | 10×12.5        | 3.58                         | 320                                |
| 27               | 8×11.5         | 0.63                         | 420                                | 8×14           | 7.90                         | 250                                |                |                              |                                    |                |                              |                                    |
| 27               |                |                              |                                    | 10×12.5        | 7.90                         | 250                                |                |                              |                                    |                |                              |                                    |
| 33               | 8×11.5         | 0.49                         | 450                                | 8×16           | 5.90                         | 350                                | 8×23           | 1.78                         | 603                                | 8×23           | 1.78                         | 603                                |
| 33               | 10×9           | 0.49                         | 450                                | 10×12.5        | 5.90                         | 360                                | 10×16          | 1.78                         | 708                                | 10×16          | 1.78                         | 708                                |
| 39               | 8×14           | 0.38                         | 565                                | 8×20           | 5.55                         | 580                                |                |                              |                                    |                |                              |                                    |
| 39               | 10×12.5        | 0.38                         | 565                                | 10×14          | 5.55                         | 635                                |                |                              |                                    |                |                              |                                    |
| 47               | 8×16           | 0.28                         | 585                                | 8×23           | 5.55                         | 635                                | 10×20          | 1.46                         | 745                                | 10×20          | 1.46                         | 850                                |
| 47               | 10×12.5        | 0.28                         | 624                                | 10×16          | 5.55                         | 680                                | 12.5×16        | 1.46                         | 960                                | 12.5×16        | 1.46                         | 960                                |
| 56               | 8×20           | 0.25                         | 624                                | 10×16          | 5.55                         | 850                                | 10×23          | 1.46                         | 960                                | 10×23          | 1.46                         | 960                                |
| 56               | 10×14          | 0.25                         | 624                                | 12.5×14        | 5.55                         | 850                                | 12.5×16        | 1.46                         | 960                                | 12.5×16        | 1.46                         | 960                                |
| 68               | 8×23           | 0.21                         | 735                                | 10×20          | 5.55                         | 850                                | 12.5×20        | 1.35                         | 1270                               | 12.5×20        | 1.35                         | 1270                               |
| 68               | 10×16          | 0.21                         | 750                                | 12.5×14        | 5.55                         | 850                                | 16×16          | 1.35                         | 1270                               | 16×16          | 1.35                         | 1270                               |
| 82               | 10×16          | 0.19                         | 780                                | 10×20          | 4.36                         | 1020                               | 12.5×20        | 1.35                         | 1270                               | 12.5×20        | 1.35                         | 1270                               |
| 82               | 12.5×14        | 0.19                         | 900                                | 12.5×16        | 4.36                         | 1155                               | 16×16          | 1.35                         | 1270                               | 16×16          | 1.35                         | 1270                               |
| 100              | 10×20          | 0.14                         | 1040                               | 12.5×16        | 4.36                         | 1155                               | 12.5×20        | 1.35                         | 1360                               | 12.5×25        | 1.32                         | 1360                               |
| 100              | 12.5×16        | 0.14                         | 1040                               |                |                              |                                    | 16×16          | 1.35                         | 1270                               | 16×20          | 1.32                         | 1410                               |
| 120              | 10×23          | 0.12                         | 1170                               | 12.5×20        | 3.41                         | 1390                               | 12.5×25        | 1.25                         | 1360                               | 16×20          | 1.25                         | 1500                               |
| 120              | 12.5×16        | 0.12                         | 1240                               | 16×16          | 3.01                         | 1420                               | 16×20          | 1.32                         | 1660                               |                |                              |                                    |
| 150              | 12.5×20        | 0.0930                       | 1368                               | 12.5×25        | 3.01                         | 1520                               | 16×20          | 1.20                         | 1850                               | 16×25          | 1.25                         | 1800                               |
| 150              |                |                              |                                    | 16×20          | 2.31                         | 1850                               |                |                              |                                    | 18×20          | 1.25                         | 1920                               |
| 180              | 12.5×25        | 0.0660                       | 1530                               | 12.5×30        | 2.31                         | 1850                               | 16×25          | 0.95                         | 2020                               | 16×31.5        | 0.95                         | 2250                               |
| 180              |                |                              |                                    | 16×20          | 2.31                         | 1850                               | 18×20          | 0.95                         | 2020                               | 18×25          | 0.95                         | 2250                               |
| 220              | 16×20          | 0.0660                       | 1620                               | 16×25          | 1.88                         | 2400                               | 18×25          | 0.91                         | 2380                               | 18×31.5        | 0.91                         | 2625                               |
| 220              |                |                              |                                    | 18×20          | 1.88                         | 2320                               |                |                              |                                    |                |                              |                                    |
| 270              | 12.5×30        | 0.0560                       | 1750                               | 16×31.5        | 1.80                         | 2715                               |                |                              |                                    |                |                              |                                    |
| 270              | 16×20          | 0.0640                       | 1750                               | 18×25          | 0.98                         | 2660                               |                |                              |                                    |                |                              |                                    |
| 330              | 16×25          | 0.0470                       | 2140                               | 18×25          | 0.98                         | 2660                               |                |                              |                                    |                |                              |                                    |
| 330              | 18×20          | 0.0480                       | 2140                               |                |                              |                                    |                |                              |                                    |                |                              |                                    |
| 390              | 16×31.5        | 0.0400                       | 2210                               | 18×31.5        | 0.91                         | 2715                               |                |                              |                                    |                |                              |                                    |
| 390              | 18×25          | 0.0400                       | 2210                               |                |                              |                                    |                |                              |                                    |                |                              |                                    |
| 470              | 16×31.5        | 0.0400                       | 2270                               |                |                              |                                    |                |                              |                                    |                |                              |                                    |
| 470              | 18×25          | 0.0400                       | 2270                               |                |                              |                                    |                |                              |                                    |                |                              |                                    |
| 560              | 16×35.5        | 0.0320                       | 2600                               |                |                              |                                    |                |                              |                                    |                |                              |                                    |
| 560              | 18×31.5        | 0.0320                       | 2600                               |                |                              |                                    |                |                              |                                    |                |                              |                                    |
| 680              | 18×35.5        | 0.0300                       | 2860                               |                |                              |                                    |                |                              |                                    |                |                              |                                    |



LKM

■ 标准品一览表

| 电压(V)            | 350            |                              |                                    | 400            |                              |                                    | 450            |                              |                                    | 500            |                              |                                    |
|------------------|----------------|------------------------------|------------------------------------|----------------|------------------------------|------------------------------------|----------------|------------------------------|------------------------------------|----------------|------------------------------|------------------------------------|
| 项目<br>容量<br>(μF) | 尺寸<br>ΦD×L(mm) | 阻抗<br>(Ωmax/100kHz<br>25±2℃) | 纹波电流<br>(mA r.m.s/<br>105℃ 100kHz) | 尺寸<br>ΦD×L(mm) | 阻抗<br>(Ωmax/100kHz<br>25±2℃) | 纹波电流<br>(mA r.m.s/<br>105℃ 100kHz) | 尺寸<br>ΦD×L(mm) | 阻抗<br>(Ωmax/100kHz<br>25±2℃) | 纹波电流<br>(mA r.m.s/<br>105℃ 100kHz) | 尺寸<br>ΦD×L(mm) | 阻抗<br>(Ωmax/100kHz<br>25±2℃) | 纹波电流<br>(mA r.m.s/<br>105℃ 100kHz) |
| 1.0              | 5×9            | 55.00                        | 73                                 | 5×9            | 55.00                        | 73                                 | 5×9            | 55.00                        | 73                                 | 6.3×9          | 52.00                        | 45                                 |
| 1.2              | 5×9            | 36.00                        | 90                                 | 5×9            | 36.00                        | 76                                 | 5×9            | 52.00                        | 78                                 | 6.3×9          | 52.00                        | 45                                 |
| 1.5              | 5×9            | 36.00                        | 90                                 | 5×9            | 36.00                        | 76                                 | 5×11           | 52.00                        | 81                                 | 6.3×9          | 52.00                        | 45                                 |
| 1.5              |                |                              |                                    |                |                              |                                    | 6.3×9          | 52.00                        | 90                                 |                |                              |                                    |
| 1.8              | 5×9            | 36.00                        | 95                                 | 5×9            | 36.00                        | 87                                 | 6.3×9          | 52.00                        | 95                                 | 8×9            | 45.00                        | 80                                 |
| 2.2              | 5×11           | 36.00                        | 104                                | 6.3×9          | 29.00                        | 105                                | 6.3×9          | 42.00                        | 100                                | 8×9            | 45.00                        | 80                                 |
| 2.2              | 6.3×9          | 36.00                        | 125                                |                |                              |                                    |                |                              |                                    |                |                              |                                    |
| 2.7              | 6.3×9          | 26.00                        | 125                                | 6.3×9          | 26.00                        | 125                                | 6.3×9          | 42.00                        | 100                                | 8×11.5         | 18.50                        | 85                                 |
| 3.3              | 6.3×9          | 23.00                        | 131                                | 6.3×9          | 25.00                        | 131                                | 6.3×12         | 25.00                        | 120                                | 8×11.5         | 18.50                        | 85                                 |
| 3.3              |                |                              |                                    |                |                              |                                    | 8×9            | 25.00                        | 120                                |                |                              |                                    |
| 3.9              | 6.3×11         | 17.00                        | 131                                | 6.3×11         | 25.00                        | 140                                | 8×9            | 25.00                        | 135                                | 8×14           | 13.00                        | 85                                 |
| 3.9              | 8×9            | 17.00                        | 131                                | 8×9            | 23.50                        | 140                                |                |                              |                                    |                |                              |                                    |
| 4.7              | 6.3×11         | 17.00                        | 140                                | 6.3×12         | 23.50                        | 140                                | 8×11.5         | 18.50                        | 135                                | 8×16           | 13.00                        | 130                                |
| 4.7              | 8×9            | 17.00                        | 140                                | 8×9            | 23.50                        | 140                                | 10×9           | 18.50                        | 135                                |                |                              |                                    |
| 5.6              | 8×9            | 17.00                        | 140                                | 8×11.5         | 15.00                        | 200                                | 8×14           | 15.00                        | 140                                | 10×14          | 13.00                        | 130                                |
| 5.6              |                |                              |                                    | 10×9           | 15.00                        | 220                                | 10×9           | 13.50                        | 140                                |                |                              |                                    |
| 6.8              | 8×11.5         | 15.00                        | 200                                | 8×11.5         | 15.00                        | 210                                | 8×16           | 8.05                         | 220                                | 10×14          | 13.00                        | 130                                |
| 6.8              | 10×9           | 17.00                        | 210                                | 10×9           | 15.00                        | 250                                | 10×12.5        | 12.00                        | 200                                |                |                              |                                    |
| 8.2              | 8×14           | 11.25                        | 220                                | 8×14           | 11.00                        | 250                                | 8×16           | 8.05                         | 220                                | 10×14          | 11.00                        | 240                                |
| 8.2              | 10×9           | 15.00                        | 250                                | 10×9           | 11.00                        | 270                                | 10×12.5        | 12.00                        | 200                                |                |                              |                                    |
| 10               | 8×14           | 8.05                         | 250                                | 8×16           | 8.05                         | 270                                | 8×20           | 8.05                         | 260                                | 8×23           | 11.00                        | 240                                |
| 10               | 10×12.5        | 11.00                        | 270                                | 10×12.5        | 11.00                        | 270                                | 10×14          | 8.05                         | 350                                | 10×16          | 10.00                        | 260                                |
| 12               | 8×20           | 9.00                         | 360                                | 10×14          | 9.00                         | 340                                | 10×16          | 7.90                         | 370                                | 12.5×14        | 9.50                         | 265                                |
| 15               | 8×20           | 6.50                         | 360                                | 10×14          | 8.50                         | 340                                | 10×16          | 7.70                         | 370                                | 12.5×16        | 8.00                         | 270                                |
| 15               | 10×14          | 6.50                         | 460                                |                |                              |                                    | 12.5×14        | 7.70                         | 370                                |                |                              |                                    |
| 18               | 10×16          | 6.50                         | 480                                | 10×16          | 6.50                         | 360                                | 12.5×16        | 6.70                         | 410                                | 12.5×16        | 7.00                         | 470                                |
| 18               | 12.5×14        | 6.50                         | 585                                | 12.5×14        | 6.50                         | 360                                |                |                              |                                    |                |                              |                                    |
| 22               | 10×20          | 6.50                         | 585                                | 10×20          | 6.50                         | 570                                | 12.5×16        | 6.70                         | 450                                | 12.5×20        | 7.00                         | 470                                |
| 22               | 12.5×14        | 6.50                         | 585                                | 12.5×16        | 6.50                         | 570                                |                |                              |                                    |                |                              |                                    |



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| 电压(V)            | 350            |                              |                                    | 400            |                              |                                    | 450            |                              |                                    | 500            |                              |                                    |
|------------------|----------------|------------------------------|------------------------------------|----------------|------------------------------|------------------------------------|----------------|------------------------------|------------------------------------|----------------|------------------------------|------------------------------------|
| 项目<br>容量<br>(μF) | 尺寸<br>ΦD×L(mm) | 阻抗<br>(Ωmax/100kHz<br>25±2℃) | 纹波电流<br>(mA r.m.s/<br>105℃ 100kHz) | 尺寸<br>ΦD×L(mm) | 阻抗<br>(Ωmax/100kHz<br>25±2℃) | 纹波电流<br>(mA r.m.s/<br>105℃ 100kHz) | 尺寸<br>ΦD×L(mm) | 阻抗<br>(Ωmax/100kHz<br>25±2℃) | 纹波电流<br>(mA r.m.s/<br>105℃ 100kHz) | 尺寸<br>ΦD×L(mm) | 阻抗<br>(Ωmax/100kHz<br>25±2℃) | 纹波电流<br>(mA r.m.s/<br>105℃ 100kHz) |
| 33               | 12.5×16        | 6.50                         | 960                                | 12.5×20        | 3.25                         | 850                                | 12.5×20        | 3.05                         | 710                                | 12.5×25        | 5.50                         | 700                                |
| 33               |                |                              |                                    | 16×16          | 3.25                         | 900                                | 16×16          | 3.05                         | 740                                | 16×20          | 3.50                         | 700                                |
| 47               | 12.5×20        | 2.25                         | 1115                               | 12.5×25        | 2.25                         | 1100                               | 12.5×30        | 1.60                         | 1215                               | 16×25          | 2.50                         | 720                                |
| 47               | 16×16          | 2.25                         | 1060                               | 16×20          | 2.25                         | 1155                               | 16×20          | 1.60                         | 1215                               |                |                              |                                    |
| 56               | 12.5×25        | 2.25                         | 1115                               | 12.5×25        | 2.25                         | 1155                               | 16×25          | 1.60                         | 1215                               | 16×31.5        | 2.30                         | 840                                |
| 56               | 16×20          | 2.25                         | 1155                               | 16×20          | 2.25                         | 1400                               | 18×20          | 1.60                         | 1215                               | 18×25          | 2.30                         | 840                                |
| 68               | 12.5×30        | 2.25                         | 1115                               | 16×25          | 1.60                         | 1460                               | 16×31.5        | 1.60                         | 1215                               | 18×25          | 2.30                         | 840                                |
| 68               | 16×20          | 2.25                         | 1400                               | 18×20          | 1.60                         | 1530                               | 18×25          | 1.60                         | 1300                               |                |                              |                                    |
| 82               | 16×25          | 1.60                         | 1550                               | 16×31.5        | 1.60                         | 1740                               | 16×35.5        | 1.35                         | 1675                               | 18×31.5        | 1.80                         | 1100                               |
| 82               | 18×20          | 1.60                         | 1530                               | 18×25          | 1.60                         | 1740                               | 18×25          | 1.45                         | 1700                               |                |                              |                                    |
| 100              | 16×25          | 1.60                         | 2230                               | 18×25          | 1.60                         | 1740                               | 18×31.5        | 1.35                         | 1800                               | 18×35.5        | 1.50                         | 1150                               |
| 120              | 18×25          | 1.60                         | 2305                               | 18×31.5        | 1.50                         | 2305                               | 18×35.5        | 1.25                         | 1930                               | 18×40          | 1.40                         | 1200                               |
| 150              | 18×31.5        | 1.50                         | 2720                               | 18×35.5        | 1.50                         | 3330                               | 18×40          | 1.15                         | 2350                               |                |                              |                                    |