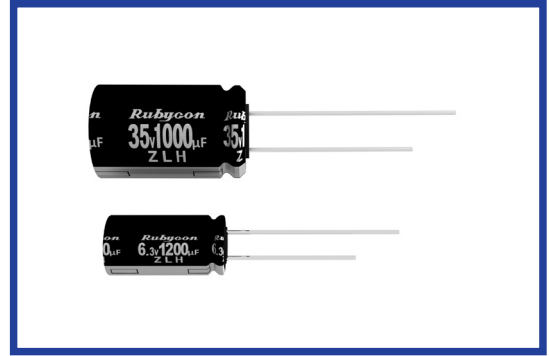


ZLH 系列  
SERIES

105°C 小型化 长寿命 低阻抗品  
105°C Miniaturized, Long Life, Low Impedance

·105°C 6000~10000小时品。  
Load Life : 105°C 6000~10000 hours.



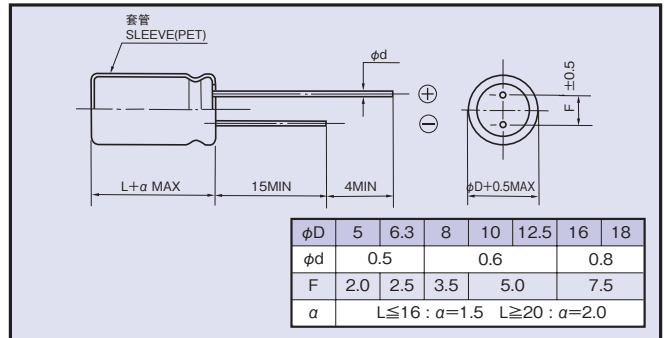
规格表 / SPECIFICATIONS

| 项目 Items   | 特性 Characteristics  |                               |   |                   |                      |                              |  |          |      |                        |   |               |                  |      |      |         |       |      |      |      |      |      |  |                  |   |   |   |   |   |   |   |   |   |  |
|--|---|-------------------------------|---|-------------------|----------------------|------------------------------|--|----------|------|------------------------|---|---------------|------------------|------|------|---------|-------|------|------|------|------|------|--|------------------|---|---|---|---|---|---|---|---|---|--|
| 工作温度范围<br>Category Temperature Range                               | -40~+105°C  |                               |   |                   |                      |                              |  |          |      |                        |   |               |                  |      |      |         |       |      |      |      |      |      |  |                  |   |   |   |   |   |   |   |   |   |  |
| 额定电压范围<br>Rated Voltage Range                                      | 6.3~100Vdc  |                               |   |                   |                      |                              |  |          |      |                        |   |               |                  |      |      |         |       |      |      |      |      |      |  |                  |   |   |   |   |   |   |   |   |   |  |
| 静电容量允许差<br>Capacitance Tolerance                                   | ±20% (20°C, 120Hz)  |                               |   |                   |                      |                              |  |          |      |                        |   |               |                  |      |      |         |       |      |      |      |      |      |  |                  |   |   |   |   |   |   |   |   |   |  |
| 漏电流<br>Leakage Current(MAX)  | 小于I=0.01CV和3µA中的较大值(施加额定电压2分钟后)<br>I=0.01CV or 3µA whichever is greater. (After 2 minutes)<br>I=漏电流(µA) Leakage Current      C=静电容量(µF) Capacitance      V=额定电压(Vdc) Rated Voltage  |                               |   |                   |                      |                              |  |          |      |                        |   |               |                  |      |      |         |       |      |      |      |      |      |  |                  |   |   |   |   |   |   |   |   |   |  |
| 损失角正切值(tanδ)<br>Dissipation Factor(MAX)                            | <table border="1"> <tr> <td>额定电压(Vdc)<br/>Rated Voltage</td> <td>6.3</td> <td>10</td> <td>16</td> <td>25</td> <td>35</td> <td>50</td> <td>63</td> <td>80</td> <td>100</td> <td>(20°C, 120Hz)</td> </tr> <tr> <td>tanδ</td> <td>0.22</td> <td>0.19</td> <td>0.16</td> <td>0.14</td> <td>0.12</td> <td>0.10</td> <td>0.09</td> <td>0.08</td> <td>0.08</td> <td></td> </tr> </table> <p>对于静电容量超过1000µF的产品, 其静电容量每增加1000µF, 则损失角正切值在上表值的基础上加上0.02。<br/>When capacitance is over 1000µF, tanδ shall be added 0.02 to the listed value with increase of every 1000µF.</p>   | 额定电压(Vdc)<br>Rated Voltage    | 6.3   | 10                | 16                   | 25                           | 35   | 50       | 63   | 80                     | 100   | (20°C, 120Hz) | tanδ             | 0.22 | 0.19 | 0.16    | 0.14  | 0.12 | 0.10 | 0.09 | 0.08 | 0.08 |  |                  |   |   |   |   |   |   |   |   |   |  |
| 额定电压(Vdc)<br>Rated Voltage   | 6.3   | 10                            | 16  | 25                | 35                   | 50                           | 63   | 80       | 100  | (20°C, 120Hz)          |   |               |                  |      |      |         |       |      |      |      |      |      |  |                  |   |   |   |   |   |   |   |   |   |  |
| tanδ   | 0.22  | 0.19                          | 0.16  | 0.14              | 0.12                 | 0.10                         | 0.09   | 0.08     | 0.08 |                        |   |               |                  |      |      |         |       |      |      |      |      |      |  |                  |   |   |   |   |   |   |   |   |   |  |
| 耐久性<br>Endurance   | <p>在105°C环境中, 不超过额定电压的范围内叠加额定纹波电流, 连续加载右表时间后, 满足以下各项要求。<br/>After applying rated voltage with rated ripple current for specified time at 105°C, the capacitors shall meet the following requirements.</p> <table border="1"> <tr> <td>静电容量变化率<br/>Capacitance Change</td> <td>初期值的±25%以内 (6.3Vdc, 10Vdc:±30%)<br/>Within ±25% of the initial value. (6.3Vdc, 10Vdc:±30%)</td> <td>铝壳尺寸<br/>Case Size</td> <td>时间(hrs)<br/>Life Time</td> </tr> <tr> <td>损失角正切值<br/>Dissipation Factor</td> <td>规格值的200%以下<br/>Not more than 200% of the specified value.</td> <td>φD ≤ 6.3</td> <td>6000</td> </tr> <tr> <td>漏电流<br/>Leakage Current</td> <td>规格值以下<br/>Not more than the specified value.</td> <td>φD = 8</td> <td>8000</td> </tr> <tr> <td></td> <td></td> <td>φD ≥ 10</td> <td>10000</td> </tr> </table> | 静电容量变化率<br>Capacitance Change | 初期值的±25%以内 (6.3Vdc, 10Vdc:±30%)<br>Within ±25% of the initial value. (6.3Vdc, 10Vdc:±30%) | 铝壳尺寸<br>Case Size | 时间(hrs)<br>Life Time | 损失角正切值<br>Dissipation Factor | 规格值的200%以下<br>Not more than 200% of the specified value. | φD ≤ 6.3 | 6000 | 漏电流<br>Leakage Current | 规格值以下<br>Not more than the specified value. | φD = 8        | 8000             |      |      | φD ≥ 10 | 10000 |      |      |      |      |      |  |                  |   |   |   |   |   |   |   |   |   |  |
| 静电容量变化率<br>Capacitance Change                                      | 初期值的±25%以内 (6.3Vdc, 10Vdc:±30%)<br>Within ±25% of the initial value. (6.3Vdc, 10Vdc:±30%)   | 铝壳尺寸<br>Case Size             | 时间(hrs)<br>Life Time  |                   |                      |                              |  |          |      |                        |   |               |                  |      |      |         |       |      |      |      |      |      |  |                  |   |   |   |   |   |   |   |   |   |  |
| 损失角正切值<br>Dissipation Factor                                       | 规格值的200%以下<br>Not more than 200% of the specified value.  | φD ≤ 6.3                      | 6000  |                   |                      |                              |  |          |      |                        |   |               |                  |      |      |         |       |      |      |      |      |      |  |                  |   |   |   |   |   |   |   |   |   |  |
| 漏电流<br>Leakage Current   | 规格值以下<br>Not more than the specified value.   | φD = 8                        | 8000  |                   |                      |                              |  |          |      |                        |   |               |                  |      |      |         |       |      |      |      |      |      |  |                  |   |   |   |   |   |   |   |   |   |  |
|  |   | φD ≥ 10                       | 10000   |                   |                      |                              |  |          |      |                        |   |               |                  |      |      |         |       |      |      |      |      |      |  |                  |   |   |   |   |   |   |   |   |   |  |
| 低温特性<br>Low Temperature Stability<br>(阻抗比)<br>Impedance Ratio(MAX) | <table border="1"> <tr> <td>额定电压(Vdc)<br/>Rated Voltage</td> <td>6.3</td> <td>10</td> <td>16</td> <td>25</td> <td>35</td> <td>50</td> <td>63</td> <td>80</td> <td>100</td> <td>(120Hz)</td> </tr> <tr> <td>Z(-25°C)/Z(20°C)</td> <td>2</td> <td>2</td> <td>2</td> <td>2</td> <td>2</td> <td>2</td> <td>2</td> <td>2</td> <td>2</td> <td></td> </tr> <tr> <td>Z(-40°C)/Z(20°C)</td> <td>3</td> <td>3</td> <td>3</td> <td>3</td> <td>3</td> <td>3</td> <td>3</td> <td>3</td> <td>3</td> <td></td> </tr> </table>  | 额定电压(Vdc)<br>Rated Voltage    | 6.3   | 10                | 16                   | 25                           | 35   | 50       | 63   | 80                     | 100   | (120Hz)       | Z(-25°C)/Z(20°C) | 2    | 2    | 2       | 2     | 2    | 2    | 2    | 2    | 2    |  | Z(-40°C)/Z(20°C) | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |  |
| 额定电压(Vdc)<br>Rated Voltage   | 6.3   | 10                            | 16  | 25                | 35                   | 50                           | 63   | 80       | 100  | (120Hz)                |   |               |                  |      |      |         |       |      |      |      |      |      |  |                  |   |   |   |   |   |   |   |   |   |  |
| Z(-25°C)/Z(20°C)   | 2   | 2                             | 2   | 2                 | 2                    | 2                            | 2  | 2        | 2    |                        |   |               |                  |      |      |         |       |      |      |      |      |      |  |                  |   |   |   |   |   |   |   |   |   |  |
| Z(-40°C)/Z(20°C)   | 3   | 3                             | 3   | 3                 | 3                    | 3                            | 3  | 3        | 3    |                        |   |               |                  |      |      |         |       |      |      |      |      |      |  |                  |   |   |   |   |   |   |   |   |   |  |

纹波电流修正系数 / MULTIPLIER FOR RIPPLE CURRENT

| 频率(Hz)<br>Frequency | 120  | 1k   | 10k  | 100k ≤ |
|---------------------|------|------|------|--------|
| 8.2~33µF            | 0.42 | 0.70 | 0.90 | 1.00   |
| 47~270µF            | 0.50 | 0.73 | 0.92 | 1.00   |
| 330~680µF           | 0.55 | 0.77 | 0.94 | 1.00   |
| 820~1800µF          | 0.60 | 0.80 | 0.96 | 1.00   |
| 2200~8200µF         | 0.70 | 0.85 | 0.98 | 1.00   |

尺寸图 / DIMENSIONS (mm)



产品型号体系 / PART NUMBER

|                       |                |                     |                                  |               |                        |                   |
|-----------------------|----------------|---------------------|----------------------------------|---------------|------------------------|-------------------|
| □□□                   | ZLH            | □□□□□               | M                                | □□□           | □□                     | DxL               |
| 额定电压<br>Rated Voltage | 系列名称<br>Series | 静电容量<br>Capacitance | 静电容量允许差<br>Capacitance Tolerance | 副记号<br>Option | 引线加工记号<br>Lead Forming | 铝壳尺寸<br>Case Size |

副记号 / OPTION

|                  |                |
|------------------|----------------|
| PET套管 PET Sleeve | 记号 Code<br>EFC |
|------------------|----------------|

◆标准品一览表 / STANDARD SIZE

| 额定电压<br>Rated Voltage<br>(Vdc) | 静电容量<br>Capacitance<br>( $\mu$ F) | 外形尺寸<br>Size<br>$\phi$ D×L(mm) | 额定纹波电流<br>Rated ripple current<br>(mA r.m.s./105°C, 100kHz) | 阻抗( $\Omega$ MAX)<br>Impedance |               |
|--------------------------------|-----------------------------------|--------------------------------|---|--------------------------------|---------------|
|                                |                                   |                                |   | 20°C, 100kHz                   | -10°C, 100kHz |
| 6.3                            | 220                               | 5×11                           | 345   | 0.22                           | 0.80          |
|                                | 470                               | 6.3×11                         | 540   | 0.094                          | 0.35          |
|                                | 820                               | 8×11.5                         | 945   | 0.056                          | 0.19          |
|                                | 1200                              | 8×16                           | 1250  | 0.045                          | 0.15          |
|                                | 1200                              | 10×12.5                        | 1330  | 0.039                          | 0.14          |
|                                | 1500                              | 8×20                           | 1500  | 0.029                          | 0.11          |
|                                | 1800                              | 10×16                          | 1760  | 0.028                          | 0.10          |
|                                | 2200                              | 10×20                          | 1960  | 0.020                          | 0.060         |
|                                | 2700                              | 10×23                          | 2250  | 0.018                          | 0.054         |
|                                | 3900                              | 12.5×20                        | 2480  | 0.017                          | 0.043         |
|                                | 4700                              | 12.5×25                        | 2900  | 0.015                          | 0.038         |
|                                | 5600                              | 12.5×30                        | 3450  | 0.013                          | 0.033         |
|                                | 6800                              | 16×20                          | 3250  | 0.015                          | 0.038         |
|                                | 6800                              | 12.5×35                        | 3570  | 0.012                          | 0.031         |
| 8200                           | 16×25                             | 3630                           | 0.013   | 0.035                          |               |
| 10                             | 150                               | 5×11                           | 345   | 0.22                           | 0.80          |
|                                | 330                               | 6.3×11                         | 540   | 0.094                          | 0.35          |
|                                | 680                               | 8×11.5                         | 945   | 0.056                          | 0.19          |
|                                | 1000                              | 8×16                           | 1250  | 0.045                          | 0.15          |
|                                | 1000                              | 10×12.5                        | 1330  | 0.039                          | 0.14          |
|                                | 1500                              | 8×20                           | 1500  | 0.029                          | 0.11          |
|                                | 1500                              | 10×16                          | 1760  | 0.028                          | 0.10          |
|                                | 1800                              | 10×20                          | 1960  | 0.020                          | 0.060         |
|                                | 2200                              | 10×23                          | 2250  | 0.018                          | 0.054         |
|                                | 3300                              | 12.5×20                        | 2480  | 0.017                          | 0.043         |
|                                | 3900                              | 12.5×25                        | 2900  | 0.015                          | 0.038         |
|                                | 4700                              | 12.5×30                        | 3450  | 0.013                          | 0.033         |
|                                | 4700                              | 16×20                          | 3250  | 0.015                          | 0.038         |
|                                | 5600                              | 12.5×35                        | 3570  | 0.012                          | 0.031         |
| 6800                           | 16×25                             | 3630                           | 0.013   | 0.035                          |               |
| 16                             | 100                               | 5×11                           | 345   | 0.22                           | 0.80          |
|                                | 220                               | 6.3×11                         | 540   | 0.094                          | 0.35          |
|                                | 470                               | 8×11.5                         | 945   | 0.056                          | 0.19          |
|                                | 680                               | 8×16                           | 1250  | 0.045                          | 0.15          |
|                                | 680                               | 10×12.5                        | 1330  | 0.039                          | 0.14          |
|                                | 1000                              | 8×20                           | 1500  | 0.029                          | 0.11          |
|                                | 1000                              | 10×16                          | 1760  | 0.028                          | 0.10          |
|                                | 1500                              | 10×20                          | 1960  | 0.020                          | 0.060         |
|                                | 1800                              | 10×23                          | 2250  | 0.018                          | 0.054         |
|                                | 2200                              | 12.5×20                        | 2480  | 0.017                          | 0.043         |
|                                | 2700                              | 12.5×25                        | 2900  | 0.015                          | 0.038         |
|                                | 3300                              | 12.5×30                        | 3450  | 0.013                          | 0.033         |
|                                | 3300                              | 16×20                          | 3250  | 0.015                          | 0.038         |
|                                | 3900                              | 12.5×35                        | 3570  | 0.012                          | 0.031         |
| 4700                           | 16×25                             | 3630                           | 0.013   | 0.035                          |               |

| 额定电压<br>Rated Voltage<br>(Vdc) | 静电容量<br>Capacitance<br>( $\mu$ F) | 外形尺寸<br>Size<br>$\phi$ D×L(mm) | 额定纹波电流<br>Rated ripple current<br>(mA r.m.s./105°C, 100kHz) | 阻抗( $\Omega$ MAX)<br>Impedance |               |
|--------------------------------|-----------------------------------|--------------------------------|---|--------------------------------|---------------|
|                                |                                   |                                |   | 20°C, 100kHz                   | -10°C, 100kHz |
| 25                             | 68                                | 5×11                           | 345   | 0.22                           | 0.80          |
|                                | 150                               | 6.3×11                         | 540   | 0.094                          | 0.35          |
|                                | 330                               | 8×11.5                         | 945   | 0.056                          | 0.19          |
|                                | 390                               | 8×16                           | 1250  | 0.045                          | 0.15          |
|                                | 470                               | 10×12.5                        | 1330  | 0.039                          | 0.14          |
|                                | 560                               | 8×20                           | 1500  | 0.029                          | 0.11          |
|                                | 680                               | 10×16                          | 1760  | 0.028                          | 0.10          |
|                                | 820                               | 10×20                          | 1960  | 0.020                          | 0.060         |
|                                | 1000                              | 10×23                          | 2250  | 0.018                          | 0.054         |
|                                | 1500                              | 12.5×20                        | 2480  | 0.017                          | 0.043         |
|                                | 1800                              | 12.5×25                        | 2900  | 0.015                          | 0.038         |
|                                | 2200                              | 12.5×30                        | 3450  | 0.013                          | 0.033         |
|                                | 2200                              | 16×20                          | 3250  | 0.015                          | 0.038         |
|                                | 2700                              | 12.5×35                        | 3570  | 0.012                          | 0.031         |
| 3300                           | 16×25                             | 3630                           | 0.013   | 0.035                          |               |
| 35                             | 47                                | 5×11                           | 345   | 0.22                           | 0.80          |
|                                | 100                               | 6.3×11                         | 540   | 0.094                          | 0.35          |
|                                | 220                               | 8×11.5                         | 945   | 0.056                          | 0.19          |
|                                | 270                               | 8×16                           | 1250  | 0.045                          | 0.15          |
|                                | 330                               | 10×12.5                        | 1330  | 0.039                          | 0.14          |
|                                | 390                               | 8×20                           | 1500  | 0.029                          | 0.11          |
|                                | 470                               | 10×16                          | 1760  | 0.028                          | 0.10          |
|                                | 560                               | 10×20                          | 1960  | 0.020                          | 0.060         |
|                                | 680                               | 10×23                          | 2250  | 0.018                          | 0.054         |
|                                | 1000                              | 12.5×20                        | 2480  | 0.017                          | 0.043         |
|                                | 1200                              | 12.5×25                        | 2900  | 0.015                          | 0.038         |
|                                | 1500                              | 12.5×30                        | 3450  | 0.013                          | 0.033         |
|                                | 1500                              | 16×20                          | 3250  | 0.015                          | 0.038         |
|                                | 1800                              | 12.5×35                        | 3570  | 0.012                          | 0.031         |
| 2200                           | 16×25                             | 3630                           | 0.013   | 0.035                          |               |
| 50                             | 27                                | 5×11                           | 238   | 0.34                           | 1.18          |
|                                | 56                                | 6.3×11                         | 385   | 0.14                           | 0.50          |
|                                | 100                               | 8×11.5                         | 724   | 0.074                          | 0.22          |
|                                | 120                               | 8×16                           | 950   | 0.061                          | 0.18          |
|                                | 150                               | 10×12.5                        | 979   | 0.061                          | 0.18          |
|                                | 180                               | 8×20                           | 1190  | 0.046                          | 0.14          |
|                                | 220                               | 10×16                          | 1370  | 0.042                          | 0.12          |
|                                | 270                               | 10×20                          | 1580  | 0.030                          | 0.090         |
|                                | 330                               | 10×23                          | 1870  | 0.028                          | 0.085         |
|                                | 470                               | 12.5×20                        | 2050  | 0.027                          | 0.068         |
|                                | 560                               | 12.5×25                        | 2410  | 0.023                          | 0.059         |
|                                | 680                               | 12.5×30                        | 2860  | 0.021                          | 0.052         |
|                                | 820                               | 12.5×35                        | 2960  | 0.019                          | 0.051         |
|                                | 820                               | 16×20                          | 2730  | 0.023                          | 0.059         |
| 1000                           | 16×25                             | 3010                           | 0.021   | 0.056                          |               |

**◆标准品一览表 / STANDARD SIZE**

| 额定电压<br>Rated Voltage<br>(Vdc) | 静电容量<br>Capacitance<br>( $\mu$ F) | 外形尺寸<br>Size<br>$\phi$ D×L(mm) | 额定纹波电流<br>Rated ripple current<br>(mA r.m.s./105°C, 100kHz) | 阻抗( $\Omega$ MAX)<br>Impedance |               |
|--------------------------------|-----------------------------------|--------------------------------|---|--------------------------------|---------------|
|                                |                                   |                                |   | 20°C, 100kHz                   | -10°C, 100kHz |
| 63                             | 18                                | 5×11                           | 173   | 0.88                           | 3.5           |
|                                | 47                                | 6.3×11                         | 278   | 0.35                           | 1.4           |
|                                | 82                                | 8×11.5                         | 525   | 0.22                           | 0.88          |
|                                | 100                               | 8×16                           | 688   | 0.16                           | 0.64          |
|                                | 120                               | 10×12.5                        | 725   | 0.15                           | 0.60          |
|                                | 150                               | 8×20                           | 861   | 0.12                           | 0.48          |
|                                | 180                               | 10×16                          | 998   | 0.11                           | 0.44          |
|                                | 270                               | 10×20                          | 1200  | 0.078                          | 0.31          |
|                                | 270                               | 12.5×16                        | 1200  | 0.082                          | 0.27          |
|                                | 330                               | 10×23                          | 1410  | 0.069                          | 0.28          |
|                                | 390                               | 12.5×20                        | 1570  | 0.060                          | 0.19          |
|                                | 470                               | 12.5×25                        | 1990  | 0.043                          | 0.14          |
|                                | 560                               | 12.5×30                        | 2410  | 0.035                          | 0.13          |
|                                | 560                               | 16×20                          | 2100  | 0.043                          | 0.14          |
|                                | 680                               | 12.5×35                        | 2620  | 0.033                          | 0.11          |
|                                | 820                               | 12.5×40                        | 2940  | 0.027                          | 0.090         |
|                                | 820                               | 16×25                          | 2730  | 0.032                          | 0.096         |
|                                | 820                               | 18×20                          | 2500  | 0.038                          | 0.10          |
|                                | 1200                              | 16×31.5                        | 2990  | 0.024                          | 0.068         |
|                                | 1200                              | 18×25                          | 2800  | 0.031                          | 0.084         |
|                                | 1500                              | 16×35.5                        | 3040  | 0.021                          | 0.057         |
|                                | 1500                              | 18×31.5                        | 3300  | 0.025                          | 0.068         |
|                                | 1800                              | 16×40                          | 3570  | 0.019                          | 0.057         |
| 1800                           | 18×35.5                           | 3570                           | 0.020   | 0.054                          |               |
| 2200                           | 18×40                             | 3670                           | 0.018   | 0.049                          |               |
| 80                             | 12                                | 5×11                           | 163   | 1.4                            | 5.6           |
|                                | 33                                | 6.3×11                         | 267   | 0.57                           | 2.3           |
|                                | 56                                | 8×11.5                         | 462   | 0.36                           | 1.4           |
|                                | 68                                | 8×16                           | 585   | 0.25                           | 1.0           |
|                                | 82                                | 10×12.5                        | 624   | 0.23                           | 0.96          |
|                                | 100                               | 8×20                           | 735   | 0.19                           | 0.76          |
|                                | 120                               | 10×16                          | 780   | 0.17                           | 0.72          |
|                                | 180                               | 10×20                          | 1040  | 0.12                           | 0.52          |
|                                | 180                               | 12.5×16                        | 975   | 0.13                           | 0.43          |
|                                | 220                               | 10×23                          | 1170  | 0.11                           | 0.47          |
|                                | 270                               | 12.5×20                        | 1430  | 0.085                          | 0.31          |
|                                | 330                               | 12.5×25                        | 1620  | 0.060                          | 0.23          |
|                                | 390                               | 12.5×30                        | 1950  | 0.051                          | 0.21          |
|                                | 390                               | 16×20                          | 1750  | 0.058                          | 0.21          |
|                                | 470                               | 12.5×35                        | 2140  | 0.043                          | 0.17          |
|                                | 560                               | 12.5×40                        | 2340  | 0.036                          | 0.15          |
|                                | 560                               | 16×25                          | 2210  | 0.044                          | 0.16          |
|                                | 560                               | 18×20                          | 1950  | 0.054                          | 0.18          |
|                                | 680                               | 16×31.5                        | 2400  | 0.033                          | 0.12          |
|                                | 820                               | 16×35.5                        | 2600  | 0.029                          | 0.10          |
|                                | 820                               | 18×25                          | 2270  | 0.038                          | 0.13          |
|                                | 1000                              | 16×40                          | 2860  | 0.027                          | 0.090         |
|                                | 1000                              | 18×31.5                        | 2470  | 0.031                          | 0.11          |
| 1200                           | 18×35.5                           | 2860                           | 0.027   | 0.084                          |               |
| 1500                           | 18×40                             | 3510                           | 0.026   | 0.076                          |               |

| 额定电压<br>Rated Voltage<br>(Vdc) | 静电容量<br>Capacitance<br>( $\mu$ F) | 外形尺寸<br>Size<br>$\phi$ D×L(mm) | 额定纹波电流<br>Rated ripple current<br>(mA r.m.s./105°C, 100kHz) | 阻抗( $\Omega$ MAX)<br>Impedance |               |
|--------------------------------|-----------------------------------|--------------------------------|---|--------------------------------|---------------|
|                                |                                   |                                |   | 20°C, 100kHz                   | -10°C, 100kHz |
| 100                            | 8.2                               | 5×11                           | 163   | 1.4                            | 5.6           |
|                                | 18                                | 6.3×11                         | 267   | 0.57                           | 2.3           |
|                                | 33                                | 8×11.5                         | 462   | 0.36                           | 1.4           |
|                                | 47                                | 8×16                           | 585   | 0.25                           | 1.0           |
|                                | 56                                | 10×12.5                        | 624   | 0.23                           | 0.96          |
|                                | 68                                | 8×20                           | 735   | 0.19                           | 0.76          |
|                                | 82                                | 10×16                          | 780   | 0.17                           | 0.72          |
|                                | 100                               | 10×20                          | 1040  | 0.12                           | 0.52          |
|                                | 100                               | 12.5×16                        | 975   | 0.13                           | 0.43          |
|                                | 120                               | 10×23                          | 1170  | 0.11                           | 0.47          |
|                                | 150                               | 12.5×20                        | 1430  | 0.085                          | 0.31          |
|                                | 220                               | 12.5×25                        | 1620  | 0.060                          | 0.23          |
|                                | 270                               | 12.5×30                        | 1950  | 0.051                          | 0.21          |
|                                | 270                               | 16×20                          | 1750  | 0.058                          | 0.21          |
|                                | 330                               | 12.5×35                        | 2140  | 0.043                          | 0.17          |
|                                | 390                               | 12.5×40                        | 2340  | 0.036                          | 0.15          |
|                                | 390                               | 16×25                          | 2210  | 0.044                          | 0.16          |
|                                | 390                               | 18×20                          | 1950  | 0.054                          | 0.18          |
|                                | 470                               | 16×31.5                        | 2400  | 0.033                          | 0.12          |
|                                | 470                               | 18×25                          | 2270  | 0.038                          | 0.13          |
|                                | 560                               | 16×35.5                        | 2600  | 0.029                          | 0.10          |
|                                | 560                               | 18×31.5                        | 2470  | 0.031                          | 0.11          |
|                                | 680                               | 16×40                          | 2860  | 0.027                          | 0.090         |
| 680                            | 18×35.5                           | 2860                           | 0.027   | 0.084                          |               |
| 820                            | 18×40                             | 3510                           | 0.026   | 0.076                          |               |