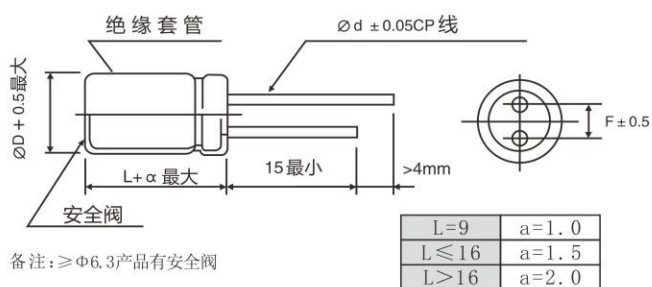


#### LKF标准品一览表:

| 电压(V) | 450    |               |                                       | 500                             |               |                                       |                                 |
|-------|--------|---------------|---------------------------------------|---------------------------------|---------------|---------------------------------------|---------------------------------|
|       | 项目     | 尺寸<br>D×L(mm) | 阻抗<br>( $\Omega_{max}/100kHz$ 25±2°C) | 纹波电流<br>(mA r.m.s./105°C100kHz) | 尺寸<br>D×L(mm) | 阻抗<br>( $\Omega_{max}/100kHz$ 25±2°C) | 纹波电流<br>(mA r.m.s./105°C100kHz) |
| 1.0   | 容量(μF) | 6.3×9         | 55.00                                 | 77                              | 6.3×12        | 52.00                                 | 45                              |
| 1.2   |        | 6.3×9         | 52.00                                 | 81                              | 6.3×12        | 52.00                                 | 45                              |
| 1.5   |        | 6.3×9         | 52.00                                 | 90                              | 6.3×12        | 52.00                                 | 45                              |
| 1.8   |        | 6.3×11        | 52.00                                 | 95                              | 8×11.5        | 45.00                                 | 80                              |
|       |        | 8×9           | 42.00                                 | 100                             |               |                                       |                                 |
| 2.2   |        | 8×9           | 42.00                                 | 100                             | 8×11.5        | 45.00                                 | 80                              |
| 2.7   |        | 8×9           | 42.00                                 | 100                             | 8×14          | 18.50                                 | 85                              |
| 3.3   |        | 8×11.5        | 25.00                                 | 130                             | 8×14          | 18.50                                 | 85                              |
|       |        | 10×9          | 23.50                                 | 135                             |               |                                       |                                 |
| 3.9   |        | 8×11.5        | 25.00                                 | 130                             | 8×16          | 13.00                                 | 102                             |
|       |        | 10×9          | 23.50                                 | 135                             |               |                                       |                                 |
| 4.7   |        | 8×14          | 18.50                                 | 135                             | 8×20          | 13.00                                 | 130                             |
|       |        | 10×9          | 18.50                                 | 135                             |               |                                       |                                 |
| 5.6   |        | 8×16          | 15.00                                 | 140                             | 10×16         | 13.00                                 | 130                             |
|       |        | 10×12.5       | 13.50                                 | 140                             |               |                                       |                                 |
| 6.8   |        | 8×20          | 8.05                                  | 220                             | 10×16         | 13.00                                 | 130                             |
|       |        | 10×14         | 12.00                                 | 200                             |               |                                       |                                 |
| 8.2   |        | 8×20          | 8.05                                  | 220                             | 10×20         | 11.00                                 | 240                             |
|       |        | 10×14         | 12.00                                 | 200                             |               |                                       |                                 |
| 10    |        | 10×16         | 8.05                                  | 260                             | 10×20         | 11.00                                 | 240                             |
|       |        | 12.5×14       | 7.70                                  | 350                             |               |                                       |                                 |
| 12    |        | 10×20         | 7.70                                  | 370                             | 12.5×16       | 9.00                                  | 265                             |
|       |        | 10×20         | 7.70                                  | 370                             |               |                                       |                                 |
| 15    |        | 12.5×16       | 7.70                                  | 370                             | 12.5×20       | 8.00                                  | 270                             |
|       |        | 12.5×20       | 6.70                                  | 450                             |               |                                       |                                 |
| 22    |        | 12.5×20       | 6.70                                  | 450                             | 12.5×25       | 7.00                                  | 470                             |
|       |        | 12.5×30       | 3.05                                  | 755                             |               |                                       |                                 |
| 33    |        | 16×20         | 3.05                                  | 740                             | 16×25         | 3.50                                  | 650                             |
|       |        | 16×20         | 3.05                                  | 740                             |               |                                       |                                 |
| 47    |        | 12.5×35       | 1.60                                  | 1215                            | 16×31.5       | 2.50                                  | 720                             |
|       |        | 16×25         | 1.60                                  | 1215                            |               |                                       |                                 |
| 56    |        | 16×31.5       | 1.60                                  | 1215                            | 16×35.5       | 2.30                                  | 840                             |
|       |        | 18×25         | 1.60                                  | 1300                            |               |                                       |                                 |
| 68    |        | 16×31.5       | 1.60                                  | 1215                            | 18×31.5       | 2.30                                  | 840                             |
|       |        | 16×40         | 1.35                                  | 1675                            |               |                                       |                                 |
| 82    |        | 18×31.5       | 1.45                                  | 1700                            | 18×35.5       | 1.80                                  | 1100                            |
|       |        | 18×35.5       | 1.35                                  | 1800                            |               |                                       |                                 |
| 120   |        | 18×40         | 1.25                                  | 1930                            | 18×45         | 1.40                                  | 1600                            |
| 150   |        | 18×45         | 1.15                                  | 2350                            |               |                                       |                                 |

#### 产品尺寸表:



#### 纹波电流补偿系数:

##### (1) 频率修正系数

| 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(°C) | 50°C | 70°C | 85°C | 105°C |
|----------|------|------|------|-------|
| 修正因子     | 2.1  | 1.8  | 1.4  | 1.0   |

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

## LKG系列

电源专用长寿命产品

特长: 105°C环境下 8000~12000小时

长寿命、耐高频大纹波电流、高频低阻抗

ROHS指令对应品



#### 主要技术参数:

| 项目                                       | 特性                                                                            |                     |         |      |      |      |      |      |      |
|------------------------------------------|-------------------------------------------------------------------------------|---------------------|---------|------|------|------|------|------|------|
| 使用温度范围                                   | ≤120V.DC -55°C~+105°C; 160~500V.DC -40°C~+105°C                               |                     |         |      |      |      |      |      |      |
| 标称电压范围                                   | 10~500V.DC                                                                    |                     |         |      |      |      |      |      |      |
| 容量允许偏差                                   | ±20% (25±2°C 120Hz)                                                           |                     |         |      |      |      |      |      |      |
| 漏电流(μA)                                  | 10WV~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                      |                     |         |      |      |      |      |      |      |
|                                          | 160WV~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°C 120Hz)                 | 额定电压(V)                                                                       | 10                  | 16      | 25   | 35   | 50   | 63   | 80   | 100  |
|                                          | tgδ                                                                           | 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  |
|                                          | tgδ                                                                           | 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°C)/Z(20°C)                                                          | 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°C)/Z(20°C)                                                          | 5                   | 5       | 5    | 5    | 7    | 7    | 7    | 8    |
| 耐久性                                      | 在105°C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°C, 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                                     | 10WV~120WV                                                                    | φ5                  | 8000小时  |      |      |      |      |      |      |
|                                          |                                                                               | φ6.3                | 10000小时 |      |      |      |      |      |      |
| 160WV~500WV                              | ≥φ8                                                                           | 12000小时             |         |      |      |      |      |      |      |
|                                          | φ5~φ6.3                                                                       | 10000小时 ≥φ8 12000小时 |         |      |      |      |      |      |      |
| 高温储存                                     | 在105°C下, 储存1000小时, 置于常温16小时后测试, 测试温度: 25±2°C, 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         |         |      |      |      |      |      |      |



## LKG标准品一览表:

| 电压(V) | 10               |                |                                           | 16                                 |                |                                           | 25                                 |                |                                           | 35                                 |                |                                           |                                    |
|-------|------------------|----------------|-------------------------------------------|------------------------------------|----------------|-------------------------------------------|------------------------------------|----------------|-------------------------------------------|------------------------------------|----------------|-------------------------------------------|------------------------------------|
|       | 项目<br>容量<br>(μF) | 尺寸<br>D×L (mm) | 阻抗<br>(Ω <sub>max</sub> /100kHz<br>25±2℃) | 纹波电流<br>(mA r.m.s./105℃<br>100kHz) | 尺寸<br>D×L (mm) | 阻抗<br>(Ω <sub>max</sub> /100kHz<br>25±2℃) | 纹波电流<br>(mA r.m.s./105℃<br>100kHz) | 尺寸<br>D×L (mm) | 阻抗<br>(Ω <sub>max</sub> /100kHz<br>25±2℃) | 纹波电流<br>(mA r.m.s./105℃<br>100kHz) | 尺寸<br>D×L (mm) | 阻抗<br>(Ω <sub>max</sub> /100kHz<br>25±2℃) | 纹波电流<br>(mA r.m.s./105℃<br>100kHz) |
| 10    | 10               | 5×9            | 1.05                                      | 57                                 | 5×9            | 1.05                                      | 72                                 | 5×9            | 1.05                                      | 92                                 | 5×9            | 1.50                                      | 102                                |
| 15    | 15               | 5×9            | 1.05                                      | 77                                 | 5×9            | 1.05                                      | 92                                 | 5×9            | 1.05                                      | 112                                | 5×9            | 1.50                                      | 122                                |
| 22    | 22               | 5×9            | 0.40                                      | 92                                 | 5×9            | 0.4                                       | 112                                | 5×9            | 0.40                                      | 122                                | 5×9            | 1.50                                      | 170                                |
| 33    | 33               | 5×9            | 0.40                                      | 107                                | 5×9            | 0.4                                       | 122                                | 5×9            | 0.40                                      | 152                                | 5×9            | 0.40                                      | 220                                |
| 39    | 39               | 5×9            | 0.40                                      | 137                                | 5×9            | 0.4                                       | 152                                | 5×9            | 0.40                                      | 182                                | 5×11           | 0.36                                      | 240                                |
| 47    | 47               | 5×9            | 0.25                                      | 144                                | 5×9            | 0.25                                      | 162                                | 5×9            | 0.25                                      | 212                                | 5×11           | 0.23                                      | 350                                |
| 56    | 56               | 5×9            | 0.25                                      | 152                                | 5×9            | 0.25                                      | 172                                | 5×9            | 0.25                                      | 320                                | 6.3×9          | 0.32                                      | 495                                |
| 68    | 68               | 5×9            | 0.25                                      | 162                                | 5×9            | 0.25                                      | 182                                | 5×11           | 0.23                                      | 350                                | 6.3×11         | 0.16                                      | 550                                |
| 82    | 82               | 5×9            | 0.25                                      | 172                                | 5×9            | 0.25                                      | 212                                | 6.3×9          | 0.20                                      | 550                                | 6.3×11         | 0.0980                                    | 550                                |
| 100   | 100              | 5×9            | 0.25                                      | 182                                | 5×11           | 0.23                                      | 350                                | 6.3×9          | 0.20                                      | 550                                | 6.3×11         | 0.0980                                    | 550                                |
| 120   | 120              | 5×9            | 0.25                                      | 320                                | 5×11           | 0.23                                      | 550                                | 6.3×11         | 0.0980                                    | 550                                | 8×9            | 0.0980                                    | 864                                |
| 150   | 150              | 5×11           | 0.23                                      | 350                                | 6.3×9          | 0.20                                      | 550                                | 6.3×11         | 0.0980                                    | 550                                | 8×11.5         | 0.0980                                    | 960                                |
| 180   | 180              | 5×11           | 0.23                                      | 350                                | 6.3×9          | 0.1600                                    | 550                                | 8×9            | 0.0980                                    | 864                                | 8×11.5         | 0.0980                                    | 960                                |
| 220   | 220              | 6.3×9          | 0.20                                      | 550                                | 6.3×11         | 0.0980                                    | 550                                | 8×11.5         | 0.0608                                    | 960                                | 8×11.5         | 0.0980                                    | 1270                               |
| 270   | 270              | 6.3×9          | 0.1600                                    | 550                                | 8×9            | 0.0980                                    | 580                                | 8×11.5         | 0.0608                                    | 960                                | 8×16           | 0.0700                                    | 1270                               |
| 330   | 330              | 6.3×11         | 0.0980                                    | 550                                | 8×9            | 0.0980                                    | 864                                | 8×14           | 0.0532                                    | 960                                | 10×12.5        | 0.0429                                    | 1330                               |
| 390   | 390              | 8×9            | 0.0980                                    | 580                                | 8×11.5         | 0.0608                                    | 960                                | 8×16           | 0.0485                                    | 1270                               | 8×20           | 0.0350                                    | 1720                               |
| 470   | 470              | 8×9            | 0.0980                                    | 864                                | 8×11.5         | 0.0608                                    | 960                                | 10×12.5        | 0.0429                                    | 1330                               | 10×16          | 0.0308                                    | 1850                               |
| 560   | 560              | 8×11.5         | 0.0608                                    | 960                                | 8×16           | 0.0485                                    | 1270                               | 8×20           | 0.0313                                    | 1530                               | 10×20          | 0.0280                                    | 2250                               |
| 680   | 680              | 8×11.5         | 0.0608                                    | 960                                | 8×16           | 0.0485                                    | 1270                               | 10×16          | 0.0308                                    | 1850                               | 10×23          | 0.0198                                    | 2330                               |
| 820   | 820              | 8×14           | 0.0585                                    | 1170                               | 8×20           | 0.0313                                    | 1530                               | 10×20          | 0.0280                                    | 2250                               | 12.5×20        | 0.0280                                    | 2480                               |
| 1000  | 1000             | 8×16           | 0.0485                                    | 1270                               | 8×20           | 0.0313                                    | 1530                               | 10×20          | 0.0280                                    | 2330                               | 12.5×20        | 0.0280                                    | 2480                               |
| 1200  | 1200             | 8×20           | 0.0313                                    | 1530                               | 10×16          | 0.0308                                    | 1960                               | 12.5×20        | 0.0280                                    | 2480                               | 12.5×25        | 0.0165                                    | 2900                               |
| 1500  | 1500             | 8×20           | 0.0313                                    | 1530                               | 10×20          | 0.0280                                    | 1960                               | 12.5×20        | 0.0280                                    | 2480                               | 12.5×30        | 0.0143                                    | 3450                               |
| 1800  | 1800             | 10×20          | 0.0280                                    | 1960                               | 10×20          | 0.0280                                    | 2250                               | 12.5×25        | 0.0165                                    | 2900                               | 12.5×35        | 0.0120                                    | 3570                               |
| 2200  | 2200             | 10×20          | 0.0280                                    | 1960                               | 12.5×20        | 0.0280                                    | 2480                               | 12.5×25        | 0.0143                                    | 3450                               | 16×25          | 0.0143                                    | 3630                               |
| 2700  | 2700             | 10×23          | 0.0198                                    | 2250                               | 12.5×20        | 0.0218                                    | 2900                               | 12.5×35        | 0.0132                                    | 3570                               | 16×35.5        | 0.0110                                    | 4010                               |
| 3300  | 3300             | 12.5×20        | 0.0280                                    | 2480                               | 12.5×25        | 0.0165                                    | 3450                               | 12.5×40        | 0.0121                                    | 3890                               | 16×40          | 0.0110                                    | 4220                               |
| 3900  | 3900             | 12.5×25        | 0.0165                                    | 2900                               | 12.5×30        | 0.0143                                    | 3450                               | 16×31.5        | 0.0121                                    | 3890                               | 18×35.5        | 0.0100                                    | 4500                               |
| 4700  | 4700             | 12.5×30        | 0.0143                                    | 3450                               | 12.5×30        | 0.0143                                    | 3570                               | 16×31.5        | 0.0110                                    | 4010                               |                |                                           |                                    |

## LKG标准品一览表:

| 电压(V) | 50               |                |                                           | 63                                 |                |                                           | 80                                 |                |                                           | 100                                |                |                                           | 120                                |                |                                           | 160                                |                |                                           |                                    |
|-------|------------------|----------------|-------------------------------------------|------------------------------------|----------------|-------------------------------------------|------------------------------------|----------------|-------------------------------------------|------------------------------------|----------------|-------------------------------------------|------------------------------------|----------------|-------------------------------------------|------------------------------------|----------------|-------------------------------------------|------------------------------------|
|       | 项目<br>容量<br>(μF) | 尺寸<br>D×L (mm) | 阻抗<br>(Ω <sub>max</sub> /100kHz<br>25±2℃) | 纹波电流<br>(mA r.m.s./105℃<br>100kHz) | 尺寸<br>D×L (mm) | 阻抗<br>(Ω <sub>max</sub> /100kHz<br>25±2℃) | 纹波电流<br>(mA r.m.s./105℃<br>100kHz) | 尺寸<br>D×L (mm) | 阻抗<br>(Ω <sub>max</sub> /100kHz<br>25±2℃) | 纹波电流<br>(mA r.m.s./105℃<br>100kHz) | 尺寸<br>D×L (mm) | 阻抗<br>(Ω <sub>max</sub> /100kHz<br>25±2℃) | 纹波电流<br>(mA r.m.s./105℃<br>100kHz) | 尺寸<br>D×L (mm) | 阻抗<br>(Ω <sub>max</sub> /100kHz<br>25±2℃) | 纹波电流<br>(mA r.m.s./105℃<br>100kHz) | 尺寸<br>D×L (mm) | 阻抗<br>(Ω <sub>max</sub> /100kHz<br>25±2℃) | 纹波电流<br>(mA r.m.s./105℃<br>100kHz) |
| 0.47  | 0.47             | 5×9            | 4.00                                      | 22                                 | 5×9            | 3.00                                      | 24                                 | 5×9            | 3.00                                      | 25                                 | 5×9            | 3.00                                      | 25                                 | 5×9            | 3.00                                      | 25                                 | 5×9            | 3.00                                      | 25                                 |
| 1.0   | 1.0              | 5×9            | 4.00                                      | 32                                 | 5×9            | 3.00                                      | 35                                 | 5×9            | 3.00                                      | 36                                 | 5×9            | 3.00                                      | 36                                 | 5×9            | 3.00                                      | 38                                 | 5×11           | 27.00                                     | 52                                 |
| 1.2   | 1.2              | 5×9            | 4.00                                      | 32                                 | 5×9            | 3.00                                      | 35                                 | 5×9            | 3.00                                      | 36                                 | 5×9            | 3.00                                      | 36                                 | 5×9            | 3.00                                      | 38                                 | 5×11           | 27.00                                     | 57                                 |
| 1.5   | 1.5              | 5×9            | 4.00                                      | 38                                 | 5×9            | 3.00                                      | 42                                 | 5×9            | 3.00                                      | 44                                 | 5×9            | 3.00                                      | 44                                 | 5×9            | 3.00                                      | 44                                 | 5×11           | 27.00                                     | 64                                 |
| 1.8   | 1.8              | 5×9            | 4.00                                      | 38                                 | 5×9            | 3.00                                      | 42                                 | 5×9            | 3.00                                      | 44                                 | 5×9            | 3.00                                      | 44                                 | 5×9            | 3.00                                      | 44                                 | 5×11           | 27.00                                     | 70                                 |
| 2.2   | 2.2              | 5×9            | 1.50                                      | 40                                 | 5×9            | 3.00                                      | 46                                 | 5×9            | 3.00                                      | 48                                 | 5×9            | 3.00                                      | 48                                 | 5×9            | 3.00                                      | 48                                 | 5×11           | 27.00                                     | 77                                 |
| 2.7   | 2.7              | 5×9            | 1.50                                      | 40                                 | 5×9            | 3.00                                      | 56                                 | 5×9            | 3.00                                      | 56                                 | 5×9            | 3.00                                      | 56                                 | 5×9            | 3.00                                      | 56                                 | 5×11           | 27.00                                     | 85                                 |
| 3.3   | 3.3              | 5×9            | 1.50                                      | 55                                 | 5×9            | 3.00                                      | 60                                 | 5×9            | 3.00                                      | 63                                 | 5×9            | 3.00                                      | 63                                 | 5×9            | 3.00                                      | 63                                 | 5×11           | 27.00                                     | 95                                 |
| 3.9   | 3.9              | 5×9            | 1.50                                      | 55                                 | 5×9            | 3.00                                      | 79                                 | 5×9            | 3.00                                      | 82                                 | 5×9            | 1.35                                      | 82                                 | 5×11           | 1.35                                      | 82                                 | 5×11           | 21.00                                     | 108                                |
| 4.7   | 4.7              | 5×9            | 1.50                                      | 90                                 | 5×9            | 3.00                                      | 99                                 | 5×9            | 3.00                                      | 102                                | 5×9            | 1.35                                      | 102                                | 5×11           | 1.35                                      | 102                                | 6.3×9          | 21.00                                     | 108                                |
| 5.6   | 5.6              | 5×9            | 1.50                                      | 92                                 | 5×9            | 3.00                                      | 101                                | 5×9            | 3.00                                      | 107                                | 5×11           | 1.12                                      | 107                                | 6.3×9          | 1.12                                      | 107                                | 6.3×9          | 12.78                                     | 130                                |
| 6.8   | 6.8              | 5×9            | 1.50                                      | 95                                 | 5×9            | 3.00                                      | 105                                | 5×9            | 3.00                                      | 112                                | 5×11           | 1.12                                      | 112                                | 6.3×9          | 1.12                                      | 112                                | 6.3×11         | 12.78                                     | 130                                |
| 8.2   | 8.2              | 5×9            | 1.50                                      | 97                                 | 5×9            | 3.00                                      | 110                                | 5×9            | 1.35                                      | 127                                | 5×11           | 0.88                                      | 127                                | 6.3×9          | 1.12                                      | 127                                | 8×9            | 12.78                                     | 140                                |
| 10    | 10               | 5×9            | 1.50                                      | 102                                | 5×9            | 3.00                                      | 112                                | 5×11           | 1.35                                      | 170                                | 6.3×9          | 0.88                                      | 275                                | 6.3×11         | 0.88                                      | 275                                | 8×9            | 12.78                                     | 140                                |
| 12    | 12               | 5×9            | 1.50                                      | 122                                | 5×9            | 3.00                                      | 122                                | 5×11           | 0.78                                      | 248                                | 6.3×11         | 0.78                                      | 300                                | 8×9            | 0.80                                      | 300                                | 8×11.5         | 10.15                                     | 168                                |
| 15    | 15               | 5×9            | 1.50                                      | 122                                | 5×9            | 1.35                                      | 170                                | 6.3×9          | 0.61                                      | 275                                | 6.3×11         | 0.78                                      | 400                                | 8×11.5         | 0.78                                      | 358                                | 8×11.5         | 10.00                                     | 261                                |
| 18    | 18               | 5×9            | 1.05                                      | 170                                | 5×11           | 0.78                                      | 278                                | 6.3×9          | 0.61                                      | 275                                | 6.3×11         | 0.61                                      | 400                                | 8×11.5         | 0.61                                      | 358                                | 8×14           | 7.50                                      | 290                                |
| 22    | 22               | 5×11           | 0.95                                      | 180                                | 6.3×9          | 0.74                                      | 356                                | 6.3×11         | 0.78                                      | 400                                | 8×11.5         | 0.39                                      | 462                                | 8×14           | 0.48                                      | 450                                | 8×14           | 7.50                                      | 350                                |
| 27    | 27               | 5×11           | 0.95                                      | 180                                | 6.3×9          | 0.61                                      | 356                                | 6.3×11         | 0.78                                      | 400                                | 8×11.5         | 0.27                                      | 585                                | 8×16           | 0.37                                      | 550                                | 8×16           | 2.65                                      | 350                                |
| 33    | 33               | 6.3×9          | 0.74                                      | 356                                | 6.3×11         | 0.38                                      | 400                                | 6.3×11         | 0.61                                      | 400                                | 8×11.5         | 0.27                                      | 585                                | 8×16           | 0.37                                      | 585                                | 8×16           | 2.65                                      | 650                                |
| 39    | 39               | 6.3×9          | 0.62                                      | 356                                | 6.3×11         | 0.38                                      | 400                                | 6.3×11         | 0.39                                      | 462                                | 8×11.5         | 0.27                                      | 585                                | 8×20           | 0.28                                      | 624                                | 10×16          | 2.65                                      | 650                                |
| 47    | 47               | 6.3×11         | 0.32                                      | 356                                | 6.3×11         | 0.23                                      | 520                                | 8×11.5         | 0.39                                      | 462                                | 8×16           | 0.27                                      | 585                                | 10×14          | 0.28                                      | 624                                | 10×20          | 2.65                                      | 750                                |
| 56    | 56               | 8×9            | 0.26                                      | 395                                | 8×9            | 0.24                                      | 520                                | 10×9           | 0.61                                      | 500                                | 10×12.5        | 0.27                                      | 624                                | 10×12.5        | 0.25                                      | 750                                | 10×20          | 2.65                                      | 920                                |
| 68    | 68               | 6.3×11         | 0.21                                      | 666                                | 8×9            | 0.24                                      | 520                                | 8×11.5         | 0.27                                      | 585                                | 10×12.5        | 0.25                                      | 750                                | 10×16          | 0.25                                      | 750                                | 10×20          | 2.27                                      | 1180                               |
| 82    | 82               | 8×9            | 0.21                                      | 666                                | 8×11.5         | 0.23                                      | 520                                | 8×16           | 0.27                                      | 585                                | 8×20           | 0.20                                      | 770                                | 10×20          | 0.21                                      | 770                                | 12.5×16        | 2.27                                      | 1280                               |
| 100   | 100              | 8×11.5         | 0.15                                      | 740                                | 10×9           | 0.24                                      | 535                                | 10×12.5        | 0.25                                      | 624                                | 10×14          | 0.19                                      | 780                                | 12.5×14        | 0.19                                      | 780                                | 12.5×16        | 2.27                                      | 1280                               |
| 120   | 120              | 10×9           | 0.15                                      | 666                                | 10×9           | 0.17                                      | 650                                | 10×12.5        | 0.25                                      | 624                                | 12.5×14        | 0.18                                      | 858                                | 12.5×20        | 0.13                                      | 1040                               | 12.5×20        | 2.27                                      | 1280                               |
| 150   | 150              | 8×11.5         | 0.15                                      | 740                                | 8×16           | 0.17                                      | 722                                | 8×20           | 0.20                                      | 800                                | 10×20          | 0.13                                      | 1040                               | 12.5×20        | 0.0930                                    | 1430                               | 12.5×25        | 1.43                                      | 1960                               |
| 180   | 180              | 10×9           | 0.13                                      | 970                                | 8×16           | 0.17                                      | 722                                | 10×16          | 0.19                                      | 780                                | 10×23          | 0.12                                      | 1170                               | 12.5×20        | 0.12                                      | 1240                               | 12.5×25        | 1.43                                      | 1960                               |
| 220   | 220              | 10×12.5        | 0.13                                      | 985                                | 10×12.5        | 0.17                                      | 722                                | 12.5×14        | 0.18                                      | 858                                | 12.5×20        | 0.0930                                    | 1430                               | 16×20          | 0.0930                                    | 1430                               | 16×25          | 1.43                                      | 1890                               |
| 270   | 270              | 8×16           | 0.11                                      | 970                                | 8×20           | 0.12                                      | 890                                | 10×20          | 0.13                                      | 1040                               | 12.5×20        | 0.0930                                    | 1430                               | 16×20          | 0.0930                                    | 1430                               | 16×25          | 1.43                                      | 1890                               |
| 330   | 330              | 10×12.5        | 0.11                                      | 985                                | 10×16          | 0.12                                      | 998                                | 12.5×16        | 0.14                                      | 975                                | 12.5×25        | 0.0660                                    | 1620                               | 16×20          | 0.0930                                    | 1530                               | 16×25          | 1.43                                      | 1890                               |
| 390   | 390              | 8×20           | 0.10                                      | 1220                               | 10×16          | 0.12                                      | 998                                | 10×20          | 0.13                                      | 1040                               | 12.5×25        | 0.0660                                    | 1620                               | 16×20          | 0.0930                                    | 1530                               | 16×25          | 1.43                                      | 1890                               |
| 470   | 470              | 10×14          | 0.10                                      | 1370                               | 10×20          | 0.0860                                    | 1200                               | 12.5×16        | 0.14                                      | 975                                | 12.5×25        | 0.0660                                    | 1620                               | 16×25          | 0.0660                                    | 1750                               | 16×31.5        | 1.14                                      | 2450                               |
| 560   | 560              | 8×20           | 0.0500                                    | 1220                               | 10×20          | 0.0860                                    | 1200                               | 12.5×16        | 0.14                                      | 975                                | 12.5×25        | 0.0660                                    | 1620                               | 16×25          | 0.0660                                    | 1750                               | 16×31.5        | 1.14                                      | 2450                               |
| 680   | 680              | 10×16          | 0.0460                                    | 1370                               | 12.5×16        | 0.0804                                    | 1250                               | 12.5×20        | 0.0940                                    | 1430                               | 12.5×30        | 0.0560                                    | 1950                               | 16×31.5        | 0.0560                                    | 1950                               | 16×31.5        | 1.14                                      | 2450                               |
| 820   | 820              | 10×20          | 0.0300                                    | 1580                               | 10×20          | 0.0860                                    | 1200                               | 12.5×20        | 0.0940                                    | 1430                               | 12.5×30        | 0.0560                                    | 1950                               | 16×31.5        | 0.0560                                    | 1950                               | 16×31.5        | 1.14                                      | 2450                               |
| 1000  | 1000             | 12.5×14        | 0.0500                                    | 1752                               | 12.5×16        | 0.0804                                    | 1250                               | 12.5×20        | 0.0940                                    | 1430                               | 16×20          | 0.0640                                    | 1750                               | 18×25          | 0.0640                                    | 1950                               | 18×25          | 0.0640                                    | 1950                               |
| 1200  | 1200             | 10×20          | 0.0300                                    | 1580                               | 10×23          | 0.0760                                    | 1410                               | 12.5×20        | 0.0660                                    | 1620                               | 12.5×35        | 0.04                                      |                                    |                |                                           |                                    |                |                                           |                                    |



## LKG标准品一览表:

| 电压(V) | 10               |                |                                           | 16                                 |                |                                           | 25                                 |                |                                           | 35                                 |                |                                           |                                    |
|-------|------------------|----------------|-------------------------------------------|------------------------------------|----------------|-------------------------------------------|------------------------------------|----------------|-------------------------------------------|------------------------------------|----------------|-------------------------------------------|------------------------------------|
|       | 项目<br>容量<br>(μF) | 尺寸<br>D×L (mm) | 阻抗<br>(Ω <sub>max</sub> /100kHz<br>25±2℃) | 纹波电流<br>(mA r.m.s./105℃<br>100kHz) | 尺寸<br>D×L (mm) | 阻抗<br>(Ω <sub>max</sub> /100kHz<br>25±2℃) | 纹波电流<br>(mA r.m.s./105℃<br>100kHz) | 尺寸<br>D×L (mm) | 阻抗<br>(Ω <sub>max</sub> /100kHz<br>25±2℃) | 纹波电流<br>(mA r.m.s./105℃<br>100kHz) | 尺寸<br>D×L (mm) | 阻抗<br>(Ω <sub>max</sub> /100kHz<br>25±2℃) | 纹波电流<br>(mA r.m.s./105℃<br>100kHz) |
| 10    | 10               | 5×9            | 1.05                                      | 57                                 | 5×9            | 1.05                                      | 72                                 | 5×9            | 1.05                                      | 92                                 | 5×9            | 1.50                                      | 102                                |
| 15    | 15               | 5×9            | 1.05                                      | 77                                 | 5×9            | 1.05                                      | 92                                 | 5×9            | 1.05                                      | 112                                | 5×9            | 1.50                                      | 122                                |
| 22    | 22               | 5×9            | 0.40                                      | 92                                 | 5×9            | 0.4                                       | 112                                | 5×9            | 0.40                                      | 122                                | 5×9            | 1.50                                      | 170                                |
| 33    | 33               | 5×9            | 0.40                                      | 107                                | 5×9            | 0.4                                       | 122                                | 5×9            | 0.40                                      | 152                                | 5×9            | 0.40                                      | 220                                |
| 39    | 39               | 5×9            | 0.40                                      | 137                                | 5×9            | 0.4                                       | 152                                | 5×9            | 0.40                                      | 182                                | 5×11           | 0.36                                      | 240                                |
| 47    | 47               | 5×9            | 0.25                                      | 144                                | 5×9            | 0.25                                      | 162                                | 5×9            | 0.25                                      | 212                                | 5×11           | 0.23                                      | 350                                |
| 56    | 56               | 5×9            | 0.25                                      | 152                                | 5×9            | 0.25                                      | 172                                | 5×9            | 0.25                                      | 320                                | 6.3×9          | 0.32                                      | 495                                |
| 68    | 68               | 5×9            | 0.25                                      | 162                                | 5×9            | 0.25                                      | 182                                | 5×11           | 0.23                                      | 350                                | 6.3×11         | 0.16                                      | 550                                |
| 82    | 82               | 5×9            | 0.25                                      | 172                                | 5×9            | 0.25                                      | 212                                | 6.3×9          | 0.20                                      | 550                                | 6.3×11         | 0.0980                                    | 550                                |
| 100   | 100              | 5×9            | 0.25                                      | 182                                | 5×11           | 0.23                                      | 350                                | 6.3×9          | 0.20                                      | 550                                | 6.3×11         | 0.0980                                    | 550                                |
| 120   | 120              | 5×9            | 0.25                                      | 320                                | 5×11           | 0.23                                      | 550                                | 6.3×11         | 0.0980                                    | 550                                | 8×9            | 0.0980                                    | 864                                |
| 150   | 150              | 5×11           | 0.23                                      | 350                                | 6.3×9          | 0.20                                      | 550                                | 6.3×11         | 0.0980                                    | 550                                | 8×11.5         | 0.0980                                    | 960                                |
| 180   | 180              | 5×11           | 0.23                                      | 350                                | 6.3×9          | 0.1600                                    | 550                                | 8×9            | 0.0980                                    | 864                                | 8×11.5         | 0.0980                                    | 960                                |
| 220   | 220              | 6.3×9          | 0.20                                      | 550                                | 6.3×11         | 0.0980                                    | 550                                | 8×11.5         | 0.0608                                    | 960                                | 8×11.5         | 0.0980                                    | 1270                               |
| 270   | 270              | 6.3×9          | 0.1600                                    | 550                                | 8×9            | 0.0980                                    | 580                                | 8×11.5         | 0.0608                                    | 960                                | 8×16           | 0.0700                                    | 1270                               |
| 330   | 330              | 6.3×11         | 0.0980                                    | 550                                | 8×9            | 0.0980                                    | 864                                | 8×14           | 0.0532                                    | 960                                | 10×12.5        | 0.0429                                    | 1330                               |
| 390   | 390              | 8×9            | 0.0980                                    | 580                                | 8×11.5         | 0.0608                                    | 960                                | 8×16           | 0.0485                                    | 1270                               | 8×20           | 0.0350                                    | 1720                               |
| 470   | 470              | 8×9            | 0.0980                                    | 864                                | 8×11.5         | 0.0608                                    | 960                                | 10×12.5        | 0.0429                                    | 1330                               | 10×16          | 0.0308                                    | 1850                               |
| 560   | 560              | 8×11.5         | 0.0608                                    | 960                                | 8×16           | 0.0485                                    | 1270                               | 8×20           | 0.0313                                    | 1530                               | 10×20          | 0.0280                                    | 2250                               |
| 680   | 680              | 8×11.5         | 0.0608                                    | 960                                | 8×16           | 0.0485                                    | 1270                               | 10×16          | 0.0308                                    | 1850                               | 10×23          | 0.0198                                    | 2330                               |
| 820   | 820              | 8×14           | 0.0585                                    | 1170                               | 8×20           | 0.0313                                    | 1530                               | 10×20          | 0.0280                                    | 2250                               | 12.5×20        | 0.0280                                    | 2480                               |
| 1000  | 1000             | 8×16           | 0.0485                                    | 1270                               | 8×20           | 0.0313                                    | 1530                               | 10×20          | 0.0280                                    | 2330                               | 12.5×20        | 0.0280                                    | 2480                               |
| 1200  | 1200             | 8×20           | 0.0313                                    | 1530                               | 10×16          | 0.0308                                    | 1960                               | 12.5×20        | 0.0280                                    | 2480                               | 12.5×25        | 0.0165                                    | 2900                               |
| 1500  | 1500             | 8×20           | 0.0313                                    | 1530                               | 10×20          | 0.0280                                    | 1960                               | 12.5×20        | 0.0280                                    | 2480                               | 12.5×30        | 0.0143                                    | 3450                               |
| 1800  | 1800             | 10×20          | 0.0280                                    | 1960                               | 10×20          | 0.0280                                    | 2250                               | 12.5×25        | 0.0165                                    | 2900                               | 12.5×35        | 0.0120                                    | 3570                               |
| 2200  | 2200             | 10×20          | 0.0280                                    | 1960                               | 12.5×20        | 0.0280                                    | 2480                               | 12.5×25        | 0.0143                                    | 3450                               | 16×25          | 0.0143                                    | 3630                               |
| 2700  | 2700             | 10×23          | 0.0198                                    | 2250                               | 12.5×20        | 0.0218                                    | 2900                               | 12.5×35        | 0.0132                                    | 3570                               | 16×35.5        | 0.0110                                    | 4010                               |
| 3300  | 3300             | 12.5×20        | 0.0280                                    | 2480                               | 12.5×25        | 0.0165                                    | 3450                               | 12.5×40        | 0.0121                                    | 3890                               | 16×40          | 0.0110                                    | 4220                               |
| 3900  | 3900             | 12.5×25        | 0.0165                                    | 2900                               | 12.5×30        | 0.0143                                    | 3450                               | 16×31.5        | 0.0121                                    | 3890                               | 18×35.5        | 0.0100                                    | 4500                               |
| 4700  | 4700             | 12.5×30        | 0.0143                                    | 3450                               | 12.5×30        | 0.0143                                    | 3570                               | 16×31.5        | 0.0110                                    | 4010                               |                |                                           |                                    |

## LKG标准品一览表:

| 电压(V) | 50               |                |                                           | 63                                 |                |                                           | 80                                 |                |                                           | 100                                |                |                                           | 120                                |                |                                           | 160                                |                |                                           |                                    |
|-------|------------------|----------------|-------------------------------------------|------------------------------------|----------------|-------------------------------------------|------------------------------------|----------------|-------------------------------------------|------------------------------------|----------------|-------------------------------------------|------------------------------------|----------------|-------------------------------------------|------------------------------------|----------------|-------------------------------------------|------------------------------------|
|       | 项目<br>容量<br>(μF) | 尺寸<br>D×L (mm) | 阻抗<br>(Ω <sub>max</sub> /100kHz<br>25±2℃) | 纹波电流<br>(mA r.m.s./105℃<br>100kHz) | 尺寸<br>D×L (mm) | 阻抗<br>(Ω <sub>max</sub> /100kHz<br>25±2℃) | 纹波电流<br>(mA r.m.s./105℃<br>100kHz) | 尺寸<br>D×L (mm) | 阻抗<br>(Ω <sub>max</sub> /100kHz<br>25±2℃) | 纹波电流<br>(mA r.m.s./105℃<br>100kHz) | 尺寸<br>D×L (mm) | 阻抗<br>(Ω <sub>max</sub> /100kHz<br>25±2℃) | 纹波电流<br>(mA r.m.s./105℃<br>100kHz) | 尺寸<br>D×L (mm) | 阻抗<br>(Ω <sub>max</sub> /100kHz<br>25±2℃) | 纹波电流<br>(mA r.m.s./105℃<br>100kHz) | 尺寸<br>D×L (mm) | 阻抗<br>(Ω <sub>max</sub> /100kHz<br>25±2℃) | 纹波电流<br>(mA r.m.s./105℃<br>100kHz) |
| 0.47  | 0.47             | 5×9            | 4.00                                      | 22                                 | 5×9            | 3.00                                      | 24                                 | 5×9            | 3.00                                      | 25                                 | 5×9            | 3.00                                      | 25                                 | 5×9            | 3.00                                      | 25                                 | 5×9            | 3.00                                      | 25                                 |
| 1.0   | 1.0              | 5×9            | 4.00                                      | 32                                 | 5×9            | 3.00                                      | 35                                 | 5×9            | 3.00                                      | 36                                 | 5×9            | 3.00                                      | 36                                 | 5×9            | 3.00                                      | 38                                 | 5×11           | 27.00                                     | 52                                 |
| 1.2   | 1.2              | 5×9            | 4.00                                      | 32                                 | 5×9            | 3.00                                      | 35                                 | 5×9            | 3.00                                      | 36                                 | 5×9            | 3.00                                      | 36                                 | 5×9            | 3.00                                      | 38                                 | 5×11           | 27.00                                     | 57                                 |
| 1.5   | 1.5              | 5×9            | 4.00                                      | 38                                 | 5×9            | 3.00                                      | 42                                 | 5×9            | 3.00                                      | 44                                 | 5×9            | 3.00                                      | 44                                 | 5×9            | 3.00                                      | 44                                 | 5×11           | 27.00                                     | 64                                 |
| 1.8   | 1.8              | 5×9            | 4.00                                      | 38                                 | 5×9            | 3.00                                      | 42                                 | 5×9            | 3.00                                      | 44                                 | 5×9            | 3.00                                      | 44                                 | 5×9            | 3.00                                      | 44                                 | 5×11           | 27.00                                     | 70                                 |
| 2.2   | 2.2              | 5×9            | 1.50                                      | 40                                 | 5×9            | 3.00                                      | 46                                 | 5×9            | 3.00                                      | 48                                 | 5×9            | 3.00                                      | 48                                 | 5×9            | 3.00                                      | 48                                 | 5×11           | 27.00                                     | 77                                 |
| 2.7   | 2.7              | 5×9            | 1.50                                      | 40                                 | 5×9            | 3.00                                      | 56                                 | 5×9            | 3.00                                      | 56                                 | 5×9            | 3.00                                      | 56                                 | 5×9            | 3.00                                      | 56                                 | 5×11           | 27.00                                     | 85                                 |
| 3.3   | 3.3              | 5×9            | 1.50                                      | 55                                 | 5×9            | 3.00                                      | 60                                 | 5×9            | 3.00                                      | 63                                 | 5×9            | 3.00                                      | 63                                 | 5×9            | 3.00                                      | 63                                 | 5×11           | 27.00                                     | 95                                 |
| 3.9   | 3.9              | 5×9            | 1.50                                      | 55                                 | 5×9            | 3.00                                      | 79                                 | 5×9            | 3.00                                      | 82                                 | 5×9            | 1.35                                      | 82                                 | 5×11           | 1.35                                      | 82                                 | 5×11           | 21.00                                     | 108                                |
| 4.7   | 4.7              | 5×9            | 1.50                                      | 90                                 | 5×9            | 3.00                                      | 99                                 | 5×9            | 3.00                                      | 102                                | 5×9            | 1.35                                      | 102                                | 5×11           | 1.35                                      | 102                                | 6.3×9          | 21.00                                     | 108                                |
| 5.6   | 5.6              | 5×9            | 1.50                                      | 92                                 | 5×9            | 3.00                                      | 101                                | 5×9            | 3.00                                      | 107                                | 5×11           | 1.12                                      | 107                                | 6.3×9          | 1.12                                      | 107                                | 6.3×9          | 12.78                                     | 130                                |
| 6.8   | 6.8              | 5×9            | 1.50                                      | 95                                 | 5×9            | 3.00                                      | 105                                | 5×9            | 3.00                                      | 112                                | 5×11           | 1.12                                      | 112                                | 6.3×9          | 1.12                                      | 112                                | 6.3×11         | 12.78                                     | 130                                |
| 8.2   | 8.2              | 5×9            | 1.50                                      | 97                                 | 5×9            | 3.00                                      | 110                                | 5×9            | 1.35                                      | 127                                | 5×11           | 0.88                                      | 127                                | 6.3×9          | 1.12                                      | 127                                | 8×9            | 12.78                                     | 140                                |
| 10    | 10               | 5×9            | 1.50                                      | 102                                | 5×9            | 3.00                                      | 112                                | 5×11           | 1.35                                      | 170                                | 6.3×9          | 0.88                                      | 275                                | 6.3×11         | 0.88                                      | 275                                | 8×9            | 12.78                                     | 140                                |
| 12    | 12               | 5×9            | 1.50                                      | 122                                | 5×9            | 3.00                                      | 122                                | 5×11           | 0.78                                      | 248                                | 6.3×11         | 0.78                                      | 300                                | 8×9            | 0.80                                      | 300                                | 8×11.5         | 10.15                                     | 168                                |
| 15    | 15               | 5×9            | 1.50                                      | 122                                | 5×9            | 1.35                                      | 170                                | 6.3×9          | 0.61                                      | 275                                | 6.3×11         | 0.78                                      | 400                                | 8×11.5         | 0.78                                      | 358                                | 8×11.5         | 10.00                                     | 261                                |
| 18    | 18               | 5×9            | 1.05                                      | 170                                | 5×11           | 0.78                                      | 278                                | 6.3×9          | 0.61                                      | 275                                | 6.3×11         | 0.61                                      | 400                                | 8×11.5         | 0.61                                      | 358                                | 8×14           | 7.50                                      | 290                                |
| 22    | 22               | 5×11           | 0.95                                      | 180                                | 6.3×9          | 0.74                                      | 356                                | 6.3×11         | 0.78                                      | 400                                | 8×11.5         | 0.39                                      | 462                                | 8×14           | 0.48                                      | 450                                | 8×14           | 7.50                                      | 350                                |
| 27    | 27               | 5×11           | 0.95                                      | 180                                | 6.3×9          | 0.61                                      | 356                                | 6.3×11         | 0.78                                      | 400                                | 8×11.5         | 0.27                                      | 585                                | 8×16           | 0.37                                      | 550                                | 8×16           | 2.65                                      | 350                                |
| 33    | 33               | 6.3×9          | 0.74                                      | 356                                | 6.3×11         | 0.38                                      | 400                                | 6.3×11         | 0.61                                      | 400                                | 8×11.5         | 0.27                                      | 585                                | 8×16           | 0.37                                      | 585                                | 8×16           | 2.65                                      | 650                                |
| 39    | 39               | 6.3×9          | 0.62                                      | 356                                | 6.3×11         | 0.38                                      | 400                                | 6.3×11         | 0.39                                      | 462                                | 8×16           | 0.27                                      | 585                                | 8×20           | 0.28                                      | 624                                | 10×16          | 2.65                                      | 650                                |
| 47    | 47               | 6.3×11         | 0.32                                      | 356                                | 6.3×11         | 0.23                                      | 520                                | 8×11.5         | 0.39                                      | 462                                | 8×16           | 0.27                                      | 585                                | 10×14          | 0.28                                      | 624                                | 10×20          | 2.65                                      | 750                                |
| 56    | 56               | 8×9            | 0.26                                      | 395                                | 8×9            | 0.24                                      | 520                                | 10×9           | 0.61                                      | 500                                | 10×12.5        | 0.27                                      | 624                                | 10×12.5        | 0.25                                      | 750                                | 10×20          | 2.65                                      | 920                                |
| 68    | 68               | 6.3×11         | 0.21                                      | 666                                | 8×9            | 0.24                                      | 520                                | 8×11.5         | 0.27                                      | 585                                | 10×12.5        | 0.25                                      | 750                                | 10×16          | 0.25                                      | 750                                | 10×20          | 2.27                                      | 1180                               |
| 82    | 82               | 8×9            | 0.21                                      | 666                                | 8×9            | 0.24                                      | 520                                | 10×9           | 0.28                                      | 585                                | 10×9           | 0.28                                      | 585                                | 12.5×14        | 0.25                                      | 750                                | 12.5×16        | 2.27                                      | 1180                               |
| 100   | 100              | 8×9            | 0.21                                      | 666                                | 8×11.5         | 0.23                                      | 520                                | 8×16           | 0.27                                      | 585                                | 8×20           | 0.20                                      | 770                                | 10×20          | 0.21                                      | 770                                | 12.5×16        | 2.27                                      | 1280                               |
| 120   | 120              | 8×11.5         | 0.15                                      | 740                                | 10×9           | 0.24                                      | 535                                | 10×12.5        | 0.25                                      | 624                                | 10×14          | 0.19                                      | 780                                | 10×14          | 0.19                                      | 780                                | 12.5×16        | 2.27                                      | 1280                               |
| 150   | 150              | 10×9           | 0.15                                      | 666                                | 10×9           | 0.17                                      | 650                                | 10×12.5        | 0.25                                      | 624                                | 12.5×14        | 0.18                                      | 858                                | 12.5×16        | 0.13                                      | 1040                               | 12.5×20        | 2.27                                      | 1280                               |
| 180   | 180              | 8×11.5         | 0.15                                      | 740                                | 8×16           | 0.17                                      | 722                                | 8×20           | 0.20                                      | 800                                | 10×20          | 0.13                                      | 1040                               | 12.5×20        | 0.13                                      | 1040                               | 12.5×20        | 2.27                                      | 1280                               |
| 220   | 220              | 10×9           | 0.15                                      | 666                                | 10×12.5        | 0.17                                      | 722                                | 10×16          | 0.19                                      | 780                                | 12.5×16        | 0.14                                      | 975                                | 12.5×16        | 0.14                                      | 975                                | 12.5×20        | 2.27                                      | 1280                               |
| 270   | 270              | 8×14           | 0.13                                      | 970                                | 8×16           | 0.17                                      | 722                                | 10×16          | 0.19                                      | 780                                | 10×23          | 0.12                                      | 1170                               | 12.5×20        | 0.12                                      | 1240                               | 12.5×25        | 1.43                                      | 1550                               |
| 330   | 330              | 10×12.5        | 0.13                                      | 985                                | 10×12.5        | 0.17                                      | 722                                | 12.5×14        | 0.18                                      | 858                                | 12.5×20        | 0.0930                                    | 1430                               | 16×20          | 0.0930                                    | 1430                               | 16×20          | 1.25                                      | 1420                               |
| 390   | 390              | 8×16           | 0.11                                      | 970                                | 8×20           | 0.12                                      | 890                                | 10×20          | 0.13                                      | 1040                               | 12.5×20        | 0.0930                                    | 1430                               | 12.5×25        | 0.0930                                    | 1430                               | 12.5×30        | 1.43                                      | 1960                               |
| 470   | 470              | 10×12.5        | 0.11                                      | 985                                | 10×16          | 0.12                                      | 998                                | 12.5×16        | 0.14                                      | 975                                | 16×20          | 0.0930                                    | 1430                               | 16×20          | 0.0930                                    | 1430                               | 16×25          | 1.43                                      | 1890                               |
| 560   | 560              | 8×20           | 0.10                                      | 1220                               | 10×16          | 0.12                                      | 998                                | 10×20          | 0.13                                      | 1040                               | 12.5×25        | 0.0660                                    | 1620                               | 16×20          | 0.0930                                    | 1530                               | 16×25          | 1.43                                      | 1890                               |
| 680   | 680              | 10×14          | 0.10                                      | 1370                               | 10×20          | 0.0860                                    | 1200                               | 12.5×16        | 0.14                                      | 975                                | 12.5×25        | 0.0660                                    | 1620                               | 16×25          | 0.0660                                    | 1750                               | 16×31.5        | 1.14                                      | 2450                               |
| 820   | 820              | 8×20           | 0.0500                                    | 1220                               | 10×20          | 0.0804                                    | 1250                               | 12.5×16        | 0.0940                                    | 1430                               | 12.5×25        | 0.0660                                    | 1620                               | 16×25          | 0.0660                                    | 1750                               | 18×25          | 1.14                                      | 2370                               |
| 1000  | 1000             | 10×16          | 0.0460                                    | 1370                               | 10×20          | 0.0860                                    | 1200                               | 12.5×20        | 0.0940                                    | 1430                               | 12.5×30        | 0.0560                                    | 1950                               | 16×31.5        | 0.0560                                    | 1950                               | 16×31.5        | 1.14                                      | 2450                               |
| 1200  | 1200             | 10×20          | 0.0300                                    | 1580                               | 10×20          | 0.0760                                    | 1410                               | 12.5×20        | 0.0660                                    | 1620                               | 12.5×30        | 0.0470                                    | 2140                               | 16×31.5        | 0.0470                                    | 2210                               |                |                                           |                                    |



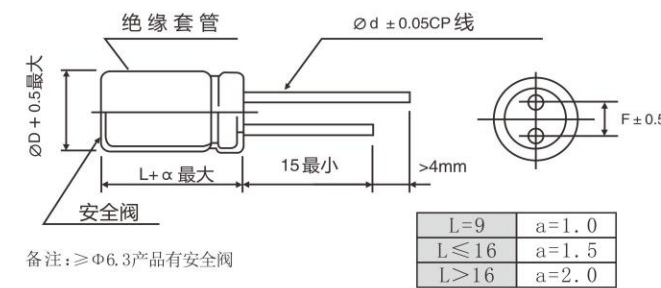
#### LKG标准品一览表:

| 电压(V) | 200              |                |                                           | 250                                |                |                                           | 350                                |                |                                           | 400                                |                |                                           |
|-------|------------------|----------------|-------------------------------------------|------------------------------------|----------------|-------------------------------------------|------------------------------------|----------------|-------------------------------------------|------------------------------------|----------------|-------------------------------------------|
|       | 项目<br>容量<br>(μF) | 尺寸<br>D×L (mm) | 阻抗<br>(Ω <sub>max</sub> /100kHz<br>25±2℃) | 纹波电流<br>(mA r.m.s./105℃<br>100kHz) | 尺寸<br>D×L (mm) | 阻抗<br>(Ω <sub>max</sub> /100kHz<br>25±2℃) | 纹波电流<br>(mA r.m.s./105℃<br>100kHz) | 尺寸<br>D×L (mm) | 阻抗<br>(Ω <sub>max</sub> /100kHz<br>25±2℃) | 纹波电流<br>(mA r.m.s./105℃<br>100kHz) | 尺寸<br>D×L (mm) | 阻抗<br>(Ω <sub>max</sub> /100kHz<br>25±2℃) |
| 1.0   | 5×11             | 27.00          | 52                                        | 6.3×9                              | 26.00          | 72                                        | 6.3×9                              | 55.00          | 81                                        | 6.3×9                              | 55.00          | 77                                        |
| 1.2   | 5×11             | 27.00          | 57                                        | 6.3×9                              | 26.00          | 72                                        | 6.3×9                              | 34.00          | 99                                        | 6.3×9                              | 34.00          | 81                                        |
| 1.5   | 5×11             | 27.00          | 64                                        | 6.3×9                              | 26.00          | 72                                        | 6.3×9                              | 34.00          | 99                                        | 6.3×9                              | 34.00          | 81                                        |
| 1.8   | 5×11             | 27.00          | 70                                        | 6.3×9                              | 26.00          | 108                                       | 6.3×9                              | 34.00          | 99                                        | 6.3×9                              | 34.00          | 81                                        |
| 2.2   | 5×11             | 27.00          | 77                                        | 6.3×9                              | 26.00          | 117                                       | 6.3×9                              | 34.00          | 130                                       | 6.3×9                              | 28.00          | 100                                       |
| 2.7   | 5×11             | 27.00          | 85                                        | 6.3×9                              | 26.00          | 117                                       | 6.3×11                             | 23.00          | 144                                       | 8×9                                | 23.00          | 144                                       |
| 3.3   | 6.3×9            | 26.00          | 108                                       | 6.3×9                              | 10.15          | 140                                       | 8×9                                | 16.00          | 144                                       | 8×9                                | 16.00          | 160                                       |
| 3.9   | 6.3×9            | 16.00          | 108                                       | 6.3×11                             | 10.15          | 140                                       | 8×9                                | 16.00          | 155                                       | 8×11.5                             | 16.00          | 160                                       |
| 4.7   | 6.3×11           | 10.15          | 130                                       | 6.3×11                             | 10.15          | 144                                       | 8×11.5                             | 16.00          | 155                                       | 8×11.5                             | 16.00          | 160                                       |
| 5.6   | 8×9              | 10.15          | 153                                       | 8×9                                | 10.15          | 144                                       | 10×9                               | 16.00          | 180                                       | 10×9                               | 16.00          | 220                                       |
| 6.8   | 6.3×11           | 10.15          | 130                                       | 8×9                                | 10.15          | 144                                       | 8×11.5                             | 12.50          | 200                                       | 8×14                               | 12.50          | 240                                       |
| 8.2   | 8×9              | 10.15          | 153                                       | 8×9                                | 10.15          | 160                                       | 10×9                               | 16.00          | 170                                       | 10×12.5                            | 12.50          | 250                                       |
| 10    | 8×9              | 10.15          | 160                                       | 8×9                                | 10.15          | 160                                       | 8×14                               | 10.50          | 220                                       | 8×16                               | 10.50          | 270                                       |
| 12    | 8×9              | 10.15          | 160                                       | 8×11.5                             | 10.15          | 160                                       | 10×9                               | 12.50          | 240                                       | 10×12.5                            | 10.50          | 280                                       |
| 15    | 8×9              | 10.15          | 160                                       | 8×11.5                             | 10.15          | 160                                       | 8×16                               | 7.50           | 290                                       | 8×20                               | 7.50           | 290                                       |
| 18    | 8×9              | 10.15          | 160                                       | 8×11.5                             | 10.15          | 160                                       | 8×16                               | 7.50           | 290                                       | 8×20                               | 7.50           | 290                                       |
| 22    | 8×9              | 10.15          | 160                                       | 8×11.5                             | 10.15          | 160                                       | 8×16                               | 7.50           | 290                                       | 8×20                               | 7.50           | 290                                       |
| 27    | 8×9              | 10.15          | 160                                       | 8×11.5                             | 10.15          | 160                                       | 8×16                               | 7.50           | 290                                       | 8×20                               | 7.50           | 290                                       |
| 33    | 8×9              | 10.15          | 160                                       | 8×11.5                             | 10.15          | 160                                       | 8×16                               | 7.50           | 290                                       | 8×20                               | 7.50           | 290                                       |
| 39    | 8×9              | 10.15          | 160                                       | 8×11.5                             | 10.15          | 160                                       | 8×16                               | 7.50           | 290                                       | 8×20                               | 7.50           | 290                                       |
| 47    | 8×9              | 10.15          | 160                                       | 8×11.5                             | 10.15          | 160                                       | 8×16                               | 7.50           | 290                                       | 8×20                               | 7.50           | 290                                       |
| 56    | 8×9              | 10.15          | 160                                       | 8×11.5                             | 10.15          | 160                                       | 8×16                               | 7.50           | 290                                       | 8×20                               | 7.50           | 290                                       |
| 68    | 8×9              | 10.15          | 160                                       | 8×11.5                             | 10.15          | 160                                       | 8×16                               | 7.50           | 290                                       | 8×20                               | 7.50           | 290                                       |
| 82    | 8×9              | 10.15          | 160                                       | 8×11.5                             | 10.15          | 160                                       | 8×16                               | 7.50           | 290                                       | 8×20                               | 7.50           | 290                                       |
| 100   | 8×9              | 10.15          | 160                                       | 8×11.5                             | 10.15          | 160                                       | 8×16                               | 7.50           | 290                                       | 8×20                               | 7.50           | 290                                       |
| 120   | 8×9              | 10.15          | 160                                       | 8×11.5                             | 10.15          | 160                                       | 8×16                               | 7.50           | 290                                       | 8×20                               | 7.50           | 290                                       |
| 150   | 8×9              | 10.15          | 160                                       | 8×11.5                             | 10.15          | 160                                       | 8×16                               | 7.50           | 290                                       | 8×20                               | 7.50           | 290                                       |
| 180   | 8×9              | 10.15          | 160                                       | 8×11.5                             | 10.15          | 160                                       | 8×16                               | 7.50           | 290                                       | 8×20                               | 7.50           | 290                                       |
| 220   | 8×9              | 10.15          | 160                                       | 8×11.5                             | 10.15          | 160                                       | 8×16                               | 7.50           | 290                                       | 8×20                               | 7.50           | 290                                       |

#### LKG标准品一览表:

| 电压(V) | 450              |                |                                           | 500                                |                |                                           |
|-------|------------------|----------------|-------------------------------------------|------------------------------------|----------------|-------------------------------------------|
|       | 项目<br>容量<br>(μF) | 尺寸<br>D×L (mm) | 阻抗<br>(Ω <sub>max</sub> /100kHz<br>25±2℃) | 纹波电流<br>(mA r.m.s./105℃<br>100kHz) | 尺寸<br>D×L (mm) | 阻抗<br>(Ω <sub>max</sub> /100kHz<br>25±2℃) |
| 1.0   | 6.3×9            | 55.00          | 81                                        | 6.3×12                             | 55.00          | 48                                        |
| 1.2   | 6.3×9            | 50.00          | 81                                        | 6.3×12                             | 50.00          | 48                                        |
| 1.5   | 6.3×9            | 50.00          | 81                                        | 6.3×12                             | 50.00          | 48                                        |
| 1.8   | 6.3×11           | 45.00          | 86                                        | 8×11.5                             | 45.00          | 84                                        |
| 2.2   | 8×9              | 38.00          | 86                                        | 8×11.5                             | 16.50          | 90                                        |
| 2.7   | 8×9              | 38.00          | 95                                        | 8×11.5                             | 16.50          | 90                                        |
| 3.3   | 8×9              | 38.00          | 126                                       | 8×14                               | 12.00          | 110                                       |
| 3.9   | 8×11.5           | 28.00          | 140                                       | 8×14                               | 12.00          | 110                                       |
| 4.7   | 10×9             | 28.00          | 150                                       | 8×14                               | 12.00          | 110                                       |
| 5.6   | 8×11.5           | 28.00          | 140                                       | 8×16                               | 12.00          | 130                                       |
| 6.8   | 10×9             | 28.00          | 150                                       | 8×16                               | 12.00          | 130                                       |
| 8.2   | 8×14             | 21.80          | 175                                       | 8×20                               | 12.00          | 130                                       |
| 10    | 10×9             | 18.50          | 180                                       | 8×20                               | 12.00          | 130                                       |
| 12    | 8×16             | 12.50          | 190                                       | 10×16                              | 12.00          | 140                                       |
| 15    | 10×12.5          | 12.50          | 200                                       | 10×16                              | 12.00          | 140                                       |
| 18    | 8×20             | 9.80           | 230                                       | 10×16                              | 11.00          | 250                                       |
| 22    | 10×14            | 9.80           | 210                                       | 10×16                              | 11.00          | 250                                       |
| 27    | 8×20             | 6.20           | 230                                       | 10×20                              | 11.00          | 250                                       |
| 33    | 10×14            | 6.20           | 280                                       | 10×20                              | 11.00          | 250                                       |
| 39    | 10×16            | 6.20           | 280                                       | 10×20                              | 10.00          | 280                                       |
| 47    | 12.5×14          | 6.20           | 360                                       | 12.5×14                            | 7.00           | 320                                       |
| 56    | 10×20            | 6.20           | 410                                       | 12.5×16                            | 6.50           | 420                                       |
| 68    | 10×20            | 6.20           | 410                                       | 12.5×20                            | 6.00           | 480                                       |
| 82    | 12.5×16          | 6.20           | 460                                       | 12.5×20                            | 6.00           | 480                                       |
| 100   | 12.5×20          | 4.50           | 500                                       | 12.5×25                            | 6.00           | 480                                       |
| 120   | 12.5×20          | 4.25           | 500                                       | 12.5×25                            | 4.50           | 520                                       |
| 150   | 12.5×30          | 2.82           | 770                                       | 12.5×35                            | 2.20           | 740                                       |
| 180   | 16×20            | 3.00           | 730                                       | 16×25                              | 2.20           | 740                                       |
| 220   | 16×25            | 2.82           | 1240                                      | 16×31.5                            | 2.00           | 850                                       |
| 270   | 18×20            | 2.82           | 1200                                      | 16×31.5                            | 2.00           | 850                                       |
| 330   | 16×31.5          | 1.50           | 1240                                      | 16×35.5                            | 2.00           | 850                                       |
| 390   | 18×25            | 1.50           | 1200                                      | 18×31.5                            | 2.00           | 850                                       |
| 470   | 16×35.5          | 1.25           | 1400                                      | 18×31.5                            | 1.80           | 1200                                      |
| 560   | 18×31.5          | 1.25           | 1460                                      | 18×31.5                            | 1.80           | 1200                                      |
| 680   | 16×40            | 1.25           | 1460                                      | 18×35.5                            | 1.50           | 1200                                      |
| 820   | 18×31.5          | 1.25           | 1460                                      | 18×35.5                            | 1.50           | 1200                                      |
| 1000  | 18×35.5          | 0.90           | 1970                                      | 18×40                              | 1.25           | 1200                                      |
| 1200  | 18×40            | 0.90           | 1970                                      | 18×45                              | 0.98           | 1268                                      |
| 1500  | 18×45            | 0.85           | 2080                                      |                                    |                |                                           |

#### 产品尺寸表:



#### 纹波电流补偿系数:

##### (1) 频率修正系数

| 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  |

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



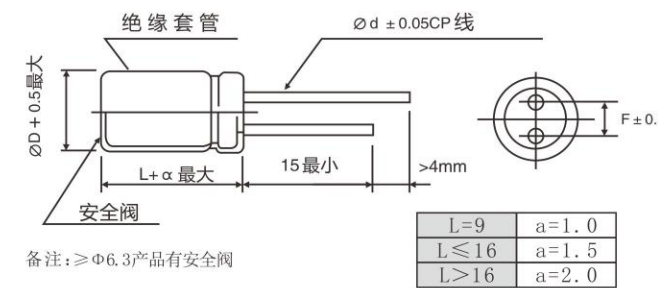
#### LKG标准品一览表:

| 电压(V) | 200              |                |                                           | 250                                |                |                                           | 350                                |                |                                           | 400                                |                |                                           |
|-------|------------------|----------------|-------------------------------------------|------------------------------------|----------------|-------------------------------------------|------------------------------------|----------------|-------------------------------------------|------------------------------------|----------------|-------------------------------------------|
|       | 项目<br>容量<br>(μF) | 尺寸<br>D×L (mm) | 阻抗<br>(Ω <sub>max</sub> /100kHz<br>25±2℃) | 纹波电流<br>(mA r.m.s./105℃<br>100kHz) | 尺寸<br>D×L (mm) | 阻抗<br>(Ω <sub>max</sub> /100kHz<br>25±2℃) | 纹波电流<br>(mA r.m.s./105℃<br>100kHz) | 尺寸<br>D×L (mm) | 阻抗<br>(Ω <sub>max</sub> /100kHz<br>25±2℃) | 纹波电流<br>(mA r.m.s./105℃<br>100kHz) | 尺寸<br>D×L (mm) | 阻抗<br>(Ω <sub>max</sub> /100kHz<br>25±2℃) |
| 1.0   | 5×11             | 27.00          | 52                                        | 6.3×9                              | 26.00          | 72                                        | 6.3×9                              | 55.00          | 81                                        | 6.3×9                              | 55.00          | 77                                        |
| 1.2   | 5×11             | 27.00          | 57                                        | 6.3×9                              | 26.00          | 72                                        | 6.3×9                              | 34.00          | 99                                        | 6.3×9                              | 34.00          | 81                                        |
| 1.5   | 5×11             | 27.00          | 64                                        | 6.3×9                              | 26.00          | 72                                        | 6.3×9                              | 34.00          | 99                                        | 6.3×9                              | 34.00          | 81                                        |
| 1.8   | 5×11             | 27.00          | 70                                        | 6.3×9                              | 26.00          | 108                                       | 6.3×9                              | 34.00          | 99                                        | 6.3×9                              | 34.00          | 81                                        |
| 2.2   | 5×11             | 27.00          | 77                                        | 6.3×9                              | 26.00          | 117                                       | 6.3×9                              | 34.00          | 130                                       | 6.3×9                              | 28.00          | 100                                       |
| 2.7   | 5×11             | 27.00          | 85                                        | 6.3×9                              | 26.00          | 117                                       | 6.3×11                             | 23.00          | 144                                       | 8×9                                | 23.00          | 144                                       |
| 3.3   | 6.3×9            | 26.00          | 108                                       | 6.3×9                              | 10.15          | 140                                       | 8×9                                | 16.00          | 144                                       | 8×9                                | 16.00          | 160                                       |
| 3.9   | 6.3×9            | 16.00          | 108                                       | 6.3×11                             | 10.15          | 140                                       | 8×9                                | 16.00          | 155                                       | 8×11.5                             | 16.00          | 160                                       |
| 4.7   | 6.3×11           | 10.15          | 130                                       | 6.3×11                             | 10.15          | 144                                       | 8×11.5                             | 16.00          | 155                                       | 8×11.5                             | 16.00          | 160                                       |
| 5.6   | 8×9              | 10.15          | 153                                       | 8×9                                | 10.15          | 144                                       | 10×9                               | 16.00          | 180                                       | 10×9                               | 16.00          | 220                                       |
| 6.8   | 6.3×11           | 10.15          | 130                                       | 8×9                                | 10.15          | 144                                       | 8×11.5                             | 12.50          | 200                                       | 8×14                               | 12.50          | 240                                       |
| 8.2   | 8×9              | 10.15          | 153                                       | 8×9                                | 10.15          | 160                                       | 10×9                               | 16.00          | 170                                       | 10×12.5                            | 12.50          | 250                                       |
| 10    | 8×9              | 10.15          | 160                                       | 8×9                                | 10.15          | 160                                       | 8×14                               | 10.50          | 220                                       | 8×16                               | 10.50          | 270                                       |
| 12    | 8×9              | 10.15          | 160                                       | 8×11.5                             | 10.15          | 160                                       | 10×9                               | 12.50          | 240                                       | 10×12.5                            | 10.50          | 280                                       |
| 15    | 8×9              | 10.15          | 160                                       | 8×11.5                             | 10.15          | 160                                       | 8×16                               | 7.50           | 290                                       | 8×20                               | 7.50           | 290                                       |
| 18    | 8×9              | 10.15          | 160                                       | 8×11.5                             | 10.15          | 160                                       | 8×16                               | 7.50           | 290                                       | 8×20                               | 7.50           | 290                                       |
| 22    | 8×9              | 10.15          | 160                                       | 8×11.5                             | 10.15          | 160                                       | 8×16                               | 7.50           | 290                                       | 8×20                               | 7.50           | 290                                       |
| 27    | 8×9              | 10.15          | 160                                       | 8×11.5                             | 10.15          | 160                                       | 8×16                               | 7.50           | 290                                       | 8×20                               | 7.50           | 290                                       |
| 33    | 8×9              | 10.15          | 160                                       | 8×11.5                             | 10.15          | 160                                       | 8×16                               | 7.50           | 290                                       | 8×20                               | 7.50           | 290                                       |
| 39    | 8×9              | 10.15          | 160                                       | 8×11.5                             | 10.15          | 160                                       | 8×16                               | 7.50           | 290                                       | 8×20                               | 7.50           | 290                                       |
| 47    | 8×9              | 10.15          | 160                                       | 8×11.5                             | 10.15          | 160                                       | 8×16                               | 7.50           | 290                                       | 8×20                               | 7.50           | 290                                       |
| 56    | 8×9              | 10.15          | 160                                       | 8×11.5                             | 10.15          | 160                                       | 8×16                               | 7.50           | 290                                       | 8×20                               | 7.50           | 290                                       |
| 68    | 8×9              | 10.15          | 160                                       | 8×11.5                             | 10.15          | 160                                       | 8×16                               | 7.50           | 290                                       | 8×20                               | 7.50           | 290                                       |
| 82    | 8×9              | 10.15          | 160                                       | 8×11.5                             | 10.15          | 160                                       | 8×16                               | 7.50           | 290                                       | 8×20                               | 7.50           | 290                                       |
| 100   | 8×9              | 10.15          | 160                                       | 8×11.5                             | 10.15          | 160                                       | 8×16                               | 7.50           | 290                                       | 8×20                               | 7.50           | 290                                       |
| 120   | 8×9              | 10.15          | 160                                       | 8×11.5                             | 10.15          | 160                                       | 8×16                               | 7.50           | 290                                       | 8×20                               | 7.50           | 290                                       |
| 150   | 8×9              | 10.15          | 160                                       | 8×11.5                             | 10.15          | 160                                       | 8×16                               | 7.50           | 290                                       | 8×20                               | 7.50           | 290                                       |
| 180   | 8×9              | 10.15          | 160                                       | 8×11.5                             | 10.15          | 160                                       | 8×16                               | 7.50           | 290                                       | 8×20                               | 7.50           | 290                                       |
| 220   | 8×9              | 10.15          | 160                                       | 8×11.5                             | 10.15          | 160                                       | 8×16                               | 7.50           | 290                                       | 8×20                               | 7.50           | 290                                       |

#### LKG标准品一览表:

| 电压(V) | 450              |                |                                           | 500                                |                |                                           |
|-------|------------------|----------------|-------------------------------------------|------------------------------------|----------------|-------------------------------------------|
|       | 项目<br>容量<br>(μF) | 尺寸<br>D×L (mm) | 阻抗<br>(Ω <sub>max</sub> /100kHz<br>25±2℃) | 纹波电流<br>(mA r.m.s./105℃<br>100kHz) | 尺寸<br>D×L (mm) | 阻抗<br>(Ω <sub>max</sub> /100kHz<br>25±2℃) |
| 1.0   | 6.3×9            | 55.00          | 81                                        | 6.3×12                             | 55.00          | 48                                        |
| 1.2   | 6.3×9            | 50.00          | 81                                        | 6.3×12                             | 50.00          | 48                                        |
| 1.5   | 6.3×9            | 50.00          | 81                                        | 6.3×12                             | 50.00          | 48                                        |
| 1.8   | 6.3×11           | 45.00          | 86                                        | 8×11.5                             | 45.00          | 84                                        |
| 2.2   | 8×9              | 38.00          | 86                                        | 8×11.5                             | 16.50          | 90                                        |
| 2.7   | 8×9              | 38.00          | 95                                        | 8×11.5                             | 16.50          | 90                                        |
| 3.3   | 8×9              | 38.00          | 126                                       | 8×14                               | 12.00          | 110                                       |
| 3.9   | 8×11.5           | 28.00          | 140                                       | 8×14                               | 12.00          | 110                                       |
| 4.7   | 10×9             | 28.00          | 150                                       | 8×14                               | 12.00          | 110                                       |
| 5.6   | 8×11.5           | 28.00          | 140                                       | 8×16                               | 12.00          | 130                                       |
| 6.8   | 10×9             | 28.00          | 150                                       | 8×16                               | 12.00          | 130                                       |
| 8.2   | 8×14             | 21.80          | 175                                       | 8×20                               | 12.00          | 130                                       |
| 10    | 10×9             | 18.50          | 180                                       | 8×20                               | 12.00          | 130                                       |
| 12    | 8×16             | 12.50          | 190                                       | 10×16                              | 12.00          | 140                                       |
| 15    | 10×12.5          | 12.50          | 200                                       | 10×16                              | 12.00          | 140                                       |
| 18    | 8×20             | 9.80           | 230                                       | 10×16                              | 11.00          | 250                                       |
| 22    | 10×14            | 9.80           | 210                                       | 10×16                              | 11.00          | 250                                       |
| 27    | 8×20             | 6.20           | 230                                       | 10×20                              | 11.00          | 250                                       |
| 33    | 10×14            | 6.20           | 280                                       | 10×20                              | 11.00          | 250                                       |
| 39    | 10×16            | 6.20           | 280                                       | 10×20                              | 10.00          | 280                                       |
| 47    | 12.5×14          | 6.20           | 360                                       | 12.5×14                            | 7.00           | 320                                       |
| 56    | 10×20            | 6.20           | 410                                       | 12.5×16                            | 6.50           | 420                                       |
| 68    | 10×20            | 6.20           | 410                                       | 12.5×20                            | 6.00           | 480                                       |
| 82    | 12.5×16          | 6.20           | 460                                       | 12.5×20                            | 6.00           | 480                                       |
| 100   | 12.5×20          | 4.50           | 500                                       | 12.5×25                            | 6.00           | 480                                       |
| 120   | 12.5×20          | 4.25           | 500                                       | 12.5×25                            | 4.50           | 520                                       |
| 150   | 12.5×30          | 2.82           | 770                                       | 12.5×35                            | 2.20           | 740                                       |
| 180   | 16×20            | 3.00           | 730                                       | 16×25                              | 2.20           | 740                                       |
| 220   | 16×25            | 2.82           | 1240                                      | 16×31.5                            | 2.00           | 850                                       |
| 270   | 18×20            | 2.82           | 1200                                      | 16×31.5                            | 2.00           | 850                                       |
| 330   | 16×31.5          | 1.50           | 1240                                      | 16×35.5                            | 2.00           | 850                                       |
| 390   | 18×25            | 1.50           | 1200                                      | 18×31.5                            | 2.00           | 850                                       |
| 470   | 16×35.5          | 1.25           | 1400                                      | 18×31.5                            | 1.80           | 1200                                      |
| 560   | 18×31.5          | 1.25           | 1460                                      | 18×31.5                            | 1.80           | 1200                                      |
| 680   | 16×40            | 1.25           | 1460                                      | 18×35.5                            | 1.50           | 1200                                      |
| 820   | 18×31.5          | 1.25           | 1460                                      | 18×35.5                            | 1.50           | 1200                                      |
| 1000  | 18×35.5          | 0.90           | 1970                                      | 18×40                              | 1.25           | 1200                                      |
| 1200  | 18×40            | 0.90           | 1970                                      | 18×45                              | 0.98           | 1268                                      |
| 1500  | 18×45            | 0.85           | 2080                                      |                                    |                |                                           |

#### 产品尺寸表:



#### 纹波电流补偿系数:

##### (1) 频率修正系数

| 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  |

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

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