



## NPL

- ◆高可靠性 低ESR 高容许纹波电流
- ◆105°C 5000小时保证
- ◆已应对RoHS指令
- ◆长寿命品

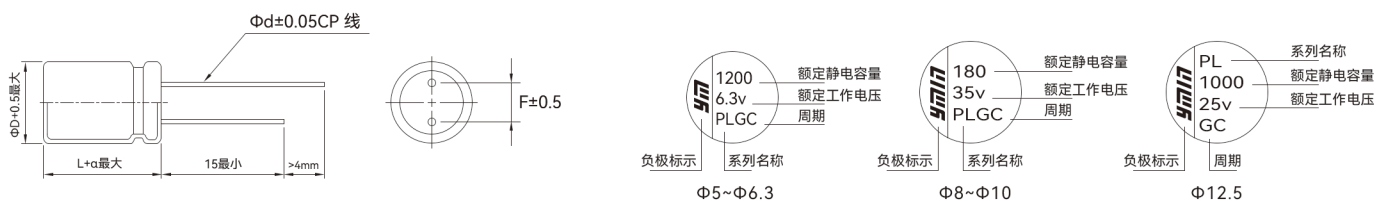


### 主要技术参数

| 项目          | 特性  |             |
|-------------|---|-------------|
| 工作温度范围      | -55 ~ +105°C  |             |
| 额定工作电压      | 6.3 ~ 100V  |             |
| 容量范围        | 2.2 ~ 10000μF 120Hz 20°C                                      |             |
| 容量允许偏差      | ±20% (120Hz 20°C)   |             |
| 损耗角正切值      | 标准品一览表的价值以下 120Hz 20°C  |             |
| 漏电流※        | 标准品一览表的价值以下 额定电压下充电2分钟, 20°C                                  |             |
| 等效串联电阻(ESR) | 标准品一览表的价值以下 100kHz 20°C                                       |             |
| 耐久性         | 在105°C温度下, 施加额定工作电压5000小时, 并在20°C下放置16小时后, 产品应满足              |             |
|             | 静电容量变化率   | 初始值的±20%    |
|             | 等效串联电阻(ESR)   | ≤初始规格值的150% |
|             | 损耗角正切值  | ≤初始规格值的150% |
|             | 漏电流   | ≤初始规格值      |
| 高温高湿        | 在60°C温度、90%~95%R.H湿度条件下不施加电压, 放置1000小时, 并在20°C下放置16小时后, 产品应满足 |             |
|             | 静电容量变化率   | 初始值的±20%    |
|             | 等效串联电阻(ESR)   | ≤初始规格值的150% |
|             | 损耗角正切值  | ≤初始规格值的150% |
|             | 漏电流   | ≤初始规格值      |

※当对漏电流值有疑问时, 请将产品置于105°C温度下施加额定工作电压2小时, 降温到20°C后再进行漏电流的测试。

### 产品尺寸图 (单位: mm)



|           |           |           |           |     |     |      |
|-----------|-----------|-----------|-----------|-----|-----|------|
| D (±0.5)  | 5         | 5.5       | 6.3       | 8   | 10  | 12.5 |
| d (±0.05) | 0.45/0.50 | 0.45/0.50 | 0.45/0.50 | 0.6 | 0.6 | 0.6  |
| F (±0.5)  | 2         | 2.5       | 2.5       | 3.5 | 5   | 5    |
| α         | +1        |           |           |     |     |      |

### 频率修正因子

|        |       |      |       |        |        |
|--------|-------|------|-------|--------|--------|
| 频率(Hz) | 120Hz | 1kHz | 10kHz | 100kHz | 500kHz |
| 修正因子   | 0.05  | 0.30 | 0.70  | 1.00   | 1.00   |



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## ■ 标准品一览表

| 额定电压<br>(浪涌电压)<br>(V) | 标称容量<br>( $\mu$ F) | 产品尺寸<br>$\Phi$ D×L(mm) | L.C.<br>( $\mu$ A,2min) | Tan $\delta$<br>120Hz | ESR<br>(m $\Omega$ 100kHz) | 额定纹波电流<br>(mA r.m.s./105°C100kHz) |
|-----------------------|--------------------|------------------------|-------------------------|-----------------------|----------------------------|-----------------------------------|
| 6.3(7.2)              | 100                | 5×5.7                  | 300                     | 0.08                  | 20                         | 2400                              |
| 6.3(7.2)              | 100                | 6.3×4.2                | 300                     | 0.08                  | 20                         | 2500                              |
| 6.3(7.2)              | 150                | 5×5.7                  | 300                     | 0.08                  | 20                         | 2400                              |
| 6.3(7.2)              | 150                | 6.3×4.2                | 300                     | 0.08                  | 20                         | 2500                              |
| 6.3(7.2)              | 180                | 5×5.7                  | 300                     | 0.08                  | 18                         | 2600                              |
| 6.3(7.2)              | 180                | 6.3×4.2                | 300                     | 0.08                  | 20                         | 2500                              |
| 6.3(7.2)              | 220                | 5×5.7                  | 300                     | 0.08                  | 18                         | 2600                              |
| 6.3(7.2)              | 220                | 6.3×4.2                | 300                     | 0.08                  | 20                         | 2500                              |
| 6.3(7.2)              | 270                | 5×7                    | 340                     | 0.08                  | 12                         | 3400                              |
| 6.3(7.2)              | 270                | 6.3×5.7                | 340                     | 0.08                  | 18                         | 2800                              |
| 6.3(7.2)              | 330                | 5×7                    | 416                     | 0.08                  | 12                         | 3400                              |
| 6.3(7.2)              | 330                | 6.3×5.7                | 416                     | 0.08                  | 18                         | 2800                              |
| 6.3(7.2)              | 390                | 5×8                    | 491                     | 0.08                  | 12                         | 3400                              |
| 6.3(7.2)              | 390                | 6.3×5.7                | 491                     | 0.08                  | 8                          | 4800                              |
| 6.3(7.2)              | 470                | 5×8                    | 592                     | 0.08                  | 12                         | 3650                              |
| 6.3(7.2)              | 470                | 6.3×7                  | 592                     | 0.08                  | 8                          | 4800                              |
| 6.3(7.2)              | 560                | 5.5×8                  | 706                     | 0.08                  | 12                         | 3800                              |
| 6.3(7.2)              | 560                | 6.3×7                  | 706                     | 0.08                  | 8                          | 4800                              |
| 6.3(7.2)              | 680                | 6.3×8                  | 857                     | 0.08                  | 8                          | 5000                              |
| 6.3(7.2)              | 680                | 8×7                    | 857                     | 0.08                  | 12                         | 4200                              |
| 6.3(7.2)              | 820                | 5.5×9                  | 1033                    | 0.08                  | 8                          | 4900                              |
| 6.3(7.2)              | 820                | 6.3×9                  | 1033                    | 0.08                  | 8                          | 5250                              |
| 6.3(7.2)              | 820                | 6.3×7.5                | 1033                    | 0.08                  | 8                          | 4900                              |
| 6.3(7.2)              | 820                | 8×7                    | 1033                    | 0.08                  | 12                         | 4200                              |
| 6.3(7.2)              | 1000               | 6.3×10                 | 1260                    | 0.08                  | 8                          | 5500                              |
| 6.3(7.2)              | 1000               | 8×8                    | 1260                    | 0.08                  | 8                          | 5600                              |
| 6.3(7.2)              | 1000               | 10×7                   | 1260                    | 0.08                  | 12                         | 4500                              |
| 6.3(7.2)              | 1200               | 6.3×11                 | 1512                    | 0.08                  | 8                          | 5700                              |
| 6.3(7.2)              | 1200               | 8×9                    | 1512                    | 0.08                  | 8                          | 5800                              |
| 6.3(7.2)              | 1200               | 10×8                   | 1512                    | 0.08                  | 8                          | 5800                              |
| 6.3(7.2)              | 1500               | 8×11                   | 1890                    | 0.09                  | 8                          | 6150                              |
| 6.3(7.2)              | 1500               | 10×9                   | 1890                    | 0.09                  | 8                          | 6050                              |
| 6.3(7.2)              | 2000               | 8×14                   | 2520                    | 0.10                  | 7                          | 7250                              |
| 6.3(7.2)              | 2000               | 10×10                  | 2520                    | 0.10                  | 8                          | 6300                              |
| 6.3(7.2)              | 2200               | 8×14                   | 2772                    | 0.10                  | 7                          | 7500                              |
| 6.3(7.2)              | 2200               | 10×10                  | 2772                    | 0.10                  | 8                          | 6300                              |
| 6.3(7.2)              | 2500               | 10×12                  | 3150                    | 0.11                  | 8                          | 6500                              |
| 6.3(7.2)              | 2700               | 10×12                  | 3402                    | 0.11                  | 8                          | 6500                              |
| 6.3(7.2)              | 3300               | 10×12                  | 4158                    | 0.13                  | 8                          | 6640                              |
| 6.3(7.2)              | 3900               | 10×14                  | 4914                    | 0.14                  | 7                          | 7600                              |
| 6.3(7.2)              | 4700               | 10×16                  | 5922                    | 0.15                  | 7                          | 8100                              |
| 6.3(7.2)              | 4700               | 12.5×12.5              | 5922                    | 0.15                  | 8                          | 7600                              |
| 6.3(7.2)              | 5600               | 10×18                  | 7056                    | 0.17                  | 7                          | 8500                              |



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## ■ 标准品一览表

| 额定电压<br>(浪涌电压)<br>(V) | 标称容量<br>( $\mu$ F) | 产品尺寸<br>$\Phi$ D×L(mm) | L.C.<br>( $\mu$ A,2min) | Tan $\delta$<br>120Hz | ESR<br>(m $\Omega$ 100kHz) | 额定纹波电流<br>(mA r.m.s/105°C100kHz) |
|-----------------------|--------------------|------------------------|-------------------------|-----------------------|----------------------------|----------------------------------|
| 6.3(7.2)              | 5600               | 12.5×14                | 7056                    | 0.17                  | 8                          | 7900                             |
| 6.3(7.2)              | 6800               | 10×21                  | 7500                    | 0.20                  | 7                          | 9100                             |
| 6.3(7.2)              | 6800               | 12.5×16                | 7500                    | 0.20                  | 7                          | 8950                             |
| 6.3(7.2)              | 8200               | 12.5×18                | 7500                    | 0.22                  | 7                          | 9450                             |
| 6.3(7.2)              | 10000              | 12.5×20                | 7500                    | 0.26                  | 7                          | 9850                             |
| 7.5(8.6)              | 270                | 5×7                    | 405                     | 0.08                  | 12                         | 3400                             |
| 7.5(8.6)              | 270                | 6.3×5.7                | 405                     | 0.08                  | 18                         | 2800                             |
| 7.5(8.6)              | 330                | 5×9                    | 495                     | 0.08                  | 12                         | 3800                             |
| 7.5(8.6)              | 330                | 6.3×5.7                | 495                     | 0.08                  | 12                         | 3700                             |
| 7.5(8.6)              | 390                | 5×10                   | 585                     | 0.08                  | 10                         | 4350                             |
| 7.5(8.6)              | 390                | 6.3×7                  | 585                     | 0.08                  | 12                         | 3900                             |
| 7.5(8.6)              | 470                | 5×11                   | 705                     | 0.08                  | 10                         | 4500                             |
| 7.5(8.6)              | 470                | 5.15×9                 | 705                     | 0.08                  | 12                         | 3850                             |
| 7.5(8.6)              | 470                | 6.3×8                  | 705                     | 0.08                  | 12                         | 4100                             |
| 7.5(8.6)              | 560                | 6.3×9                  | 840                     | 0.08                  | 9                          | 5000                             |
| 7.5(8.6)              | 680                | 6.3×10                 | 1020                    | 0.08                  | 8                          | 5500                             |
| 7.5(8.6)              | 680                | 8×7                    | 1020                    | 0.08                  | 12                         | 4200                             |
| 7.5(8.6)              | 820                | 6.3×11                 | 1230                    | 0.08                  | 8                          | 5700                             |
| 7.5(8.6)              | 820                | 8×8                    | 1230                    | 0.08                  | 8                          | 5600                             |
| 7.5(8.6)              | 1000               | 6.3×11                 | 1500                    | 0.08                  | 8                          | 5900                             |
| 7.5(8.6)              | 1000               | 8×9                    | 1500                    | 0.08                  | 8                          | 5800                             |
| 10(11.5)              | 47                 | 5×5.7                  | 300                     | 0.08                  | 30                         | 1900                             |
| 10(11.5)              | 47                 | 6.3×4.2                | 300                     | 0.08                  | 30                         | 2100                             |
| 10(11.5)              | 68                 | 5×5.7                  | 300                     | 0.08                  | 30                         | 1900                             |
| 10(11.5)              | 68                 | 6.3×4.2                | 300                     | 0.08                  | 30                         | 2100                             |
| 10(11.5)              | 82                 | 5×5.7                  | 300                     | 0.08                  | 30                         | 1900                             |
| 10(11.5)              | 82                 | 6.3×4.2                | 300                     | 0.08                  | 30                         | 2100                             |
| 10(11.5)              | 100                | 5×5.7                  | 300                     | 0.08                  | 30                         | 1900                             |
| 10(11.5)              | 100                | 6.3×4.2                | 300                     | 0.08                  | 30                         | 2100                             |
| 10(11.5)              | 150                | 5×7                    | 300                     | 0.08                  | 15                         | 3050                             |
| 10(11.5)              | 150                | 6.3×5.7                | 300                     | 0.08                  | 30                         | 2200                             |
| 10(11.5)              | 180                | 5×7                    | 360                     | 0.08                  | 15                         | 3050                             |
| 10(11.5)              | 180                | 6.3×5.7                | 360                     | 0.08                  | 30                         | 2200                             |
| 10(11.5)              | 220                | 5×7                    | 440                     | 0.08                  | 15                         | 3050                             |
| 10(11.5)              | 220                | 6.3×5.7                | 440                     | 0.08                  | 30                         | 2200                             |
| 10(11.5)              | 270                | 5×10                   | 540                     | 0.08                  | 12                         | 3950                             |
| 10(11.5)              | 270                | 6.3×5.7                | 540                     | 0.08                  | 16                         | 3200                             |
| 10(11.5)              | 330                | 5×11                   | 660                     | 0.08                  | 12                         | 4100                             |
| 10(11.5)              | 330                | 6.3×7                  | 660                     | 0.08                  | 16                         | 3200                             |
| 10(11.5)              | 390                | 6.3×7                  | 780                     | 0.08                  | 12                         | 3900                             |
| 10(11.5)              | 470                | 6.3×8                  | 940                     | 0.08                  | 12                         | 4300                             |
| 10(11.5)              | 470                | 8×7                    | 940                     | 0.08                  | 30                         | 2550                             |
| 10(11.5)              | 560                | 6.3×10                 | 1120                    | 0.08                  | 10                         | 4900                             |

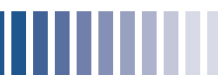


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## ■ 标准品一览表

| 额定电压<br>(浪涌电压)<br>(V) | 标称容量<br>( $\mu\text{F}$ ) | 产品尺寸<br>$\Phi\text{D}\times\text{L}$ (mm) | L.C.<br>( $\mu\text{A}, 2\text{min}$ ) | Tan $\delta$<br>120Hz | ESR<br>( $\text{m}\Omega 100\text{kHz}$ ) | 额定纹波电流<br>( $\text{mA r.m.s}/105^\circ\text{C}100\text{kHz}$ ) |
|-----------------------|---------------------------|---|--|-----------------------|---|--|
| 10(11.5)              | 560                       | 8×7                                       | 1120                                   | 0.08                  | 14  | 2550   |
| 10(11.5)              | 680                       | 6.3×11                                    | 1360                                   | 0.08                  | 9   | 5400   |
| 10(11.5)              | 680                       | 8×8                                       | 1360                                   | 0.08                  | 10  | 5100   |
| 10(11.5)              | 820                       | 8×9                                       | 1640                                   | 0.08                  | 9   | 5500   |
| 10(11.5)              | 820                       | 10×7                                      | 1640                                   | 0.08                  | 14  | 2850   |
| 10(11.5)              | 1000                      | 8×11                                      | 2000                                   | 0.08                  | 9   | 5800   |
| 10(11.5)              | 1000                      | 10×8                                      | 2000                                   | 0.08                  | 9   | 5500   |
| 10(11.5)              | 1500                      | 8×14                                      | 3000                                   | 0.09                  | 8   | 6800   |
| 10(11.5)              | 1500                      | 10×12                                     | 3000                                   | 0.09                  | 9   | 6300   |
| 10(11.5)              | 2200                      | 10×14                                     | 4400                                   | 0.10                  | 8   | 7000   |
| 10(11.5)              | 2500                      | 10×14                                     | 5000                                   | 0.11                  | 8   | 7000   |
| 10(11.5)              | 2700                      | 10×16                                     | 5400                                   | 0.11                  | 8   | 7500   |
| 10(11.5)              | 3300                      | 10×18                                     | 6600                                   | 0.13                  | 8   | 7900   |
| 10(11.5)              | 3300                      | 12.5×14                                   | 6600                                   | 0.13                  | 9   | 7500   |
| 10(11.5)              | 3900                      | 10×21                                     | 7500                                   | 0.14                  | 8   | 8400   |
| 10(11.5)              | 3900                      | 12.5×16                                   | 7500                                   | 0.14                  | 8   | 8400   |
| 10(11.5)              | 4700                      | 12.5×18                                   | 7500                                   | 0.15                  | 8   | 8400   |
| 10(11.5)              | 5600                      | 12.5×18                                   | 7500                                   | 0.17                  | 8   | 8800   |
| 10(11.5)              | 6800                      | 12.5×20                                   | 7500                                   | 0.20                  | 8   | 9200   |
| 12(13.8)              | 180                       | 5×7                                       | 432                                    | 0.08                  | 15  | 3050   |
| 12(13.8)              | 180                       | 6.3×5.7                                   | 432                                    | 0.08                  | 30  | 2200   |
| 12(13.8)              | 220                       | 5×9                                       | 528                                    | 0.08                  | 15  | 3400   |
| 12(13.8)              | 220                       | 6.3×5.7                                   | 528                                    | 0.08                  | 16  | 3200   |
| 12(13.8)              | 270                       | 5×10                                      | 648                                    | 0.08                  | 12  | 3950   |
| 12(13.8)              | 270                       | 6.3×7                                     | 648                                    | 0.08                  | 16  | 3200   |
| 12(13.8)              | 330                       | 5×10                                      | 792                                    | 0.08                  | 12  | 3950   |
| 12(13.8)              | 330                       | 6.3×7                                     | 792                                    | 0.08                  | 12  | 3900   |
| 12(13.8)              | 390                       | 5×11                                      | 936                                    | 0.08                  | 12  | 4100   |
| 12(13.8)              | 390                       | 5.5×9                                     | 936                                    | 0.08                  | 15  | 3450   |
| 12(13.8)              | 390                       | 6.3×8                                     | 936                                    | 0.08                  | 12  | 4100   |
| 12(13.8)              | 470                       | 6.3×9                                     | 1128                                   | 0.08                  | 12  | 4300   |
| 12(13.8)              | 470                       | 8×7                                       | 1128                                   | 0.08                  | 14  | 2550   |
| 12(13.8)              | 560                       | 6.3×10                                    | 1344                                   | 0.08                  | 10  | 4900   |
| 12(13.8)              | 560                       | 8×7                                       | 1344                                   | 0.08                  | 14  | 2550   |
| 12(13.8)              | 680                       | 6.3×11                                    | 1632                                   | 0.08                  | 9   | 5400   |
| 12(13.8)              | 680                       | 8×8                                       | 1632                                   | 0.08                  | 10  | 5100   |
| 12(13.8)              | 1000                      | 8×10                                      | 2400                                   | 0.08                  | 10  | 5200   |
| 16(18.4)              | 22                        | 5×5.7                                     | 300                                    | 0.08                  | 30  | 1900   |
| 16(18.4)              | 22                        | 6.3×4.2                                   | 300                                    | 0.08                  | 30  | 2100   |
| 16(18.4)              | 33                        | 5×5.7                                     | 300                                    | 0.08                  | 30  | 1900   |
| 16(18.4)              | 33                        | 6.3×4.2                                   | 300                                    | 0.08                  | 30  | 2100   |
| 16(18.4)              | 47                        | 5×5.7                                     | 300                                    | 0.08                  | 30  | 1900   |
| 16(18.4)              | 47                        | 6.3×4.2                                   | 300                                    | 0.08                  | 30  | 2100   |





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## ■ 标准品一览表

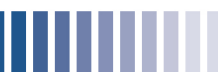
| 额定电压<br>(浪涌电压)<br>(V) | 标称容量<br>( $\mu$ F) | 产品尺寸<br>$\Phi$ D×L(mm) | L.C.<br>( $\mu$ A,2min) | Tan $\delta$<br>120Hz | ESR<br>(m $\Omega$ 100kHz) | 额定纹波电流<br>(mA r.m.s/105°C100kHz) |
|-----------------------|--------------------|------------------------|-------------------------|-----------------------|----------------------------|----------------------------------|
| 16(18.4)              | 68                 | 5×5.7                  | 300                     | 0.08                  | 30                         | 1900                             |
| 16(18.4)              | 68                 | 6.3×4.2                | 300                     | 0.08                  | 30                         | 2100                             |
| 16(18.4)              | 82                 | 5.15×5.7               | 300                     | 0.08                  | 30                         | 1900                             |
| 16(18.4)              | 82                 | 6.3×4.2                | 300                     | 0.08                  | 30                         | 2100                             |
| 16(18.4)              | 100                | 5×7                    | 320                     | 0.08                  | 30                         | 2000                             |
| 16(18.4)              | 100                | 5×7                    | 320                     | 0.08                  | 30                         | 2200                             |
| 16(18.4)              | 100                | 6.3×5.7                | 320                     | 0.08                  | 30                         | 2100                             |
| 16(18.4)              | 150                | 5×8                    | 480                     | 0.08                  | 30                         | 2200                             |
| 16(18.4)              | 150                | 6.3×5.7                | 480                     | 0.08                  | 30                         | 2200                             |
| 16(18.4)              | 220                | 5×10                   | 704                     | 0.08                  | 12                         | 3950                             |
| 16(18.4)              | 220                | 5.5×9                  | 704                     | 0.08                  | 12                         | 3950                             |
| 16(18.4)              | 220                | 6.3×7                  | 704                     | 0.08                  | 20                         | 2850                             |
| 16(18.4)              | 220                | 6.3×7                  | 704                     | 0.08                  | 20                         | 2850                             |
| 16(18.4)              | 270                | 6.3×8                  | 864                     | 0.08                  | 15                         | 3500                             |
| 16(18.4)              | 270                | 8×7                    | 864                     | 0.08                  | 30                         | 2550                             |
| 16(18.4)              | 330                | 6.3×9                  | 1056                    | 0.08                  | 12                         | 4300                             |
| 16(18.4)              | 330                | 8×7                    | 1056                    | 0.08                  | 30                         | 2550                             |
| 16(18.4)              | 390                | 6.3×9                  | 1248                    | 0.08                  | 12                         | 4300                             |
| 16(18.4)              | 470                | 6.3×11                 | 1504                    | 0.08                  | 10                         | 4900                             |
| 16(18.4)              | 470                | 8×8                    | 1504                    | 0.08                  | 20                         | 3300                             |
| 16(18.4)              | 560                | 8×9                    | 1792                    | 0.08                  | 12                         | 4700                             |
| 16(18.4)              | 560                | 10×8                   | 1792                    | 0.08                  | 12                         | 4700                             |
| 16(18.4)              | 680                | 8×10                   | 2176                    | 0.08                  | 10                         | 5350                             |
| 16(18.4)              | 680                | 10×8                   | 2176                    | 0.08                  | 12                         | 4700                             |
| 16(18.4)              | 820                | 8×12                   | 2624                    | 0.08                  | 10                         | 5500                             |
| 16(18.4)              | 820                | 10×9                   | 2624                    | 0.08                  | 12                         | 4950                             |
| 16(18.4)              | 1000               | 8×14                   | 3200                    | 0.08                  | 8                          | 6800                             |
| 16(18.4)              | 1000               | 8×16                   | 3200                    | 0.08                  | 10                         | 5800                             |
| 16(18.4)              | 1000               | 10×9                   | 3200                    | 0.08                  | 12                         | 5200                             |
| 16(18.4)              | 1500               | 10×12                  | 4800                    | 0.09                  | 8                          | 8400                             |
| 16(18.4)              | 1800               | 10×16                  | 5760                    | 0.10                  | 8                          | 7000                             |
| 16(18.4)              | 2200               | 10×18                  | 7040                    | 0.10                  | 8                          | 7900                             |
| 16(18.4)              | 2200               | 10×20                  | 7040                    | 0.10                  | 8                          | 7500                             |
| 16(18.4)              | 2200               | 12.5×14                | 7040                    | 0.10                  | 10                         | 7100                             |
| 16(18.4)              | 2700               | 10×21                  | 7500                    | 0.11                  | 8                          | 8400                             |
| 16(18.4)              | 2700               | 12.5×16                | 7500                    | 0.11                  | 10                         | 7100                             |
| 16(18.4)              | 3300               | 12.5×18                | 7500                    | 0.13                  | 8                          | 8400                             |
| 16(18.4)              | 3900               | 12.5×20                | 7500                    | 0.14                  | 8                          | 8800                             |
| 25(28.8)              | 10                 | 5×5.7                  | 300                     | 0.08                  | 40                         | 1650                             |
| 25(28.8)              | 10                 | 6.3×4.2                | 300                     | 0.08                  | 40                         | 1800                             |
| 25(28.8)              | 15                 | 5×5.7                  | 300                     | 0.08                  | 40                         | 1650                             |
| 25(28.8)              | 15                 | 6.3×4.2                | 300                     | 0.08                  | 40                         | 1800                             |
| 25(28.8)              | 22                 | 5×5.7                  | 300                     | 0.08                  | 40                         | 1650                             |



# NPL

## ■ 标准品一览表

| 额定电压<br>(浪涌电压)<br>(V) | 标称容量<br>( $\mu$ F) | 产品尺寸<br>$\Phi$ D×L(mm) | L.C.<br>( $\mu$ A,2min) | Tan $\delta$<br>120Hz | ESR<br>(m $\Omega$ 100kHz) | 额定纹波电流<br>(mA r.m.s./105°C100kHz) |
|-----------------------|--------------------|------------------------|-------------------------|-----------------------|----------------------------|-----------------------------------|
| 25(28.8)              | 22                 | 6.3×4.2                | 300                     | 0.08                  | 40                         | 1800                              |
| 25(28.8)              | 33                 | 5×5.7                  | 300                     | 0.08                  | 40                         | 1650                              |
| 25(28.8)              | 33                 | 6.3×4.2                | 300                     | 0.08                  | 40                         | 1800                              |
| 25(28.8)              | 39                 | 5×5.7                  | 300                     | 0.08                  | 40                         | 1650                              |
| 25(28.8)              | 39                 | 6.3×4.2                | 300                     | 0.08                  | 40                         | 1800                              |
| 25(28.8)              | 47                 | 5×5.7                  | 300                     | 0.08                  | 30                         | 2050                              |
| 25(28.8)              | 47                 | 6.3×4.2                | 300                     | 0.08                  | 40                         | 1800                              |
| 25(28.8)              | 68                 | 5×7                    | 340                     | 0.08                  | 30                         | 2200                              |
| 25(28.8)              | 68                 | 6.3×5.7                | 340                     | 0.08                  | 40                         | 1900                              |
| 25(28.8)              | 100                | 5×9                    | 500                     | 0.08                  | 30                         | 2400                              |
| 25(28.8)              | 100                | 6.3×5.7                | 500                     | 0.08                  | 30                         | 2350                              |
| 25(28.8)              | 150                | 6.3×8                  | 750                     | 0.08                  | 16                         | 3550                              |
| 25(28.8)              | 180                | 6.3×8                  | 900                     | 0.08                  | 16                         | 3550                              |
| 25(28.8)              | 180                | 8×7                    | 900                     | 0.08                  | 30                         | 2550                              |
| 25(28.8)              | 220                | 6.3×9                  | 1100                    | 0.08                  | 20                         | 3500                              |
| 25(28.8)              | 220                | 8×7                    | 1100                    | 0.08                  | 30                         | 2700                              |
| 25(28.8)              | 330                | 8×9                    | 1650                    | 0.08                  | 16                         | 4000                              |
| 25(28.8)              | 330                | 10×8                   | 1650                    | 0.08                  | 16                         | 4100                              |
| 25(28.8)              | 470                | 8×14                   | 2350                    | 0.08                  | 16                         | 4800                              |
| 25(28.8)              | 470                | 8×11                   | 2350                    | 0.08                  | 16                         | 4200                              |
| 25(28.8)              | 470                | 10×9                   | 2350                    | 0.08                  | 16                         | 4300                              |
| 25(28.8)              | 560                | 8×14                   | 2800                    | 0.08                  | 16                         | 4800                              |
| 25(28.8)              | 560                | 8×11                   | 2800                    | 0.08                  | 16                         | 4400                              |
| 25(28.8)              | 560                | 10×10                  | 2800                    | 0.08                  | 16                         | 4500                              |
| 25(28.8)              | 680                | 8×14                   | 3400                    | 0.08                  | 16                         | 4800                              |
| 25(28.8)              | 680                | 10×12                  | 3400                    | 0.08                  | 16                         | 4700                              |
| 25(28.8)              | 820                | 8×16                   | 4100                    | 0.08                  | 16                         | 5050                              |
| 25(28.8)              | 820                | 8×17                   | 4100                    | 0.08                  | 16                         | 4900                              |
| 25(28.8)              | 820                | 10×13                  | 4100                    | 0.08                  | 16                         | 4800                              |
| 25(28.8)              | 1000               | 10×16                  | 5000                    | 0.08                  | 16                         | 5300                              |
| 25(28.8)              | 1000               | 12.5×12.5              | 5000                    | 0.08                  | 16                         | 5300                              |
| 25(28.8)              | 1500               | 10×18                  | 7500                    | 0.09                  | 16                         | 5600                              |
| 25(28.8)              | 1500               | 12.5×14                | 7500                    | 0.09                  | 16                         | 5600                              |
| 25(28.8)              | 1800               | 10×21                  | 7500                    | 0.10                  | 16                         | 6000                              |
| 25(28.8)              | 1800               | 12.5×16                | 7500                    | 0.10                  | 16                         | 5900                              |
| 25(28.8)              | 2200               | 12.5×18                | 7500                    | 0.10                  | 16                         | 6200                              |
| 25(28.8)              | 2700               | 12.5×20                | 7500                    | 0.11                  | 16                         | 6500                              |
| 35(41)                | 10                 | 5×5.7                  | 300                     | 0.12                  | 60                         | 1350                              |
| 35(41)                | 10                 | 6.3×4.2                | 300                     | 0.12                  | 60                         | 1400                              |
| 35(41)                | 15                 | 5×5.7                  | 300                     | 0.12                  | 60                         | 1350                              |
| 35(41)                | 15                 | 6.3×4.2                | 300                     | 0.12                  | 60                         | 1400                              |
| 35(41)                | 22                 | 5×5.7                  | 300                     | 0.12                  | 60                         | 1450                              |
| 35(41)                | 22                 | 6.3×4.2                | 300                     | 0.12                  | 60                         | 1400                              |



# NPL

## ■ 标准品一览表

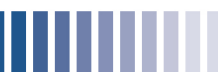
| 额定电压<br>(浪涌电压)<br>(V) | 标称容量<br>( $\mu$ F) | 产品尺寸<br>$\Phi$ D×L(mm) | L.C.<br>( $\mu$ A,2min) | Tan $\delta$<br>120Hz | ESR<br>(m $\Omega$ 100kHz) | 额定纹波电流<br>(mA r.m.s./105°C100kHz) |
|-----------------------|--------------------|------------------------|-------------------------|-----------------------|----------------------------|-----------------------------------|
| 35(41)                | 33                 | 5×5.7                  | 300                     | 0.12                  | 60                         | 1450                              |
| 35(41)                | 33                 | 6.3×4.2                | 300                     | 0.12                  | 60                         | 1400                              |
| 35(41)                | 39                 | 5×7                    | 300                     | 0.12                  | 50                         | 1700                              |
| 35(41)                | 39                 | 6.3×5.7                | 300                     | 0.12                  | 60                         | 1550                              |
| 35(41)                | 47                 | 5×7                    | 329                     | 0.12                  | 50                         | 1700                              |
| 35(41)                | 47                 | 6.3×5.7                | 329                     | 0.12                  | 60                         | 1550                              |
| 35(41)                | 56                 | 5×7                    | 392                     | 0.12                  | 50                         | 1700                              |
| 35(41)                | 56                 | 6.3×5.7                | 392                     | 0.12                  | 60                         | 1650                              |
| 35(41)                | 68                 | 5×8                    | 476                     | 0.12                  | 50                         | 1800                              |
| 35(41)                | 68                 | 6.3×5.7                | 476                     | 0.12                  | 60                         | 1650                              |
| 35(41)                | 82                 | 5×9                    | 574                     | 0.12                  | 50                         | 1900                              |
| 35(41)                | 82                 | 6.3×7                  | 574                     | 0.12                  | 50                         | 1900                              |
| 35(41)                | 100                | 6.3×7                  | 700                     | 0.12                  | 50                         | 1900                              |
| 35(41)                | 120                | 6.3×8                  | 840                     | 0.12                  | 50                         | 2050                              |
| 35(41)                | 120                | 8×7                    | 840                     | 0.12                  | 60                         | 1900                              |
| 35(41)                | 150                | 6.3×9                  | 1050                    | 0.12                  | 50                         | 2150                              |
| 35(41)                | 150                | 8×7                    | 1050                    | 0.12                  | 60                         | 1900                              |
| 35(41)                | 180                | 6.3×10                 | 1260                    | 0.12                  | 40                         | 2500                              |
| 35(41)                | 180                | 8×7                    | 1260                    | 0.12                  | 60                         | 1900                              |
| 35(41)                | 220                | 6.3×11                 | 1540                    | 0.12                  | 40                         | 2600                              |
| 35(41)                | 220                | 8×8                    | 1540                    | 0.12                  | 50                         | 2200                              |
| 35(41)                | 220                | 10×7                   | 1540                    | 0.12                  | 60                         | 2050                              |
| 35(41)                | 330                | 8×10                   | 2310                    | 0.12                  | 30                         | 3100                              |
| 35(41)                | 330                | 10×8                   | 2310                    | 0.12                  | 50                         | 2350                              |
| 35(41)                | 390                | 8×12                   | 2730                    | 0.12                  | 30                         | 3200                              |
| 35(41)                | 390                | 10×10                  | 2730                    | 0.12                  | 50                         | 2550                              |
| 35(41)                | 470                | 8×14                   | 3290                    | 0.12                  | 20                         | 4250                              |
| 35(41)                | 470                | 10×12                  | 3290                    | 0.12                  | 30                         | 3400                              |
| 35(41)                | 560                | 8×16                   | 3920                    | 0.12                  | 20                         | 4550                              |
| 35(41)                | 560                | 10×12                  | 3920                    | 0.12                  | 30                         | 3450                              |
| 35(41)                | 680                | 10×14                  | 4760                    | 0.12                  | 20                         | 4450                              |
| 35(41)                | 820                | 10×16                  | 5000                    | 0.12                  | 20                         | 4700                              |
| 35(41)                | 820                | 12.5×12.5              | 5000                    | 0.12                  | 30                         | 3900                              |
| 35(41)                | 1000               | 10×18                  | 5000                    | 0.08                  | 20                         | 5000                              |
| 35(41)                | 1000               | 12.5×14                | 5000                    | 0.08                  | 30                         | 4100                              |
| 35(41)                | 1200               | 10×21                  | 5000                    | 0.08                  | 20                         | 5300                              |
| 35(41)                | 1200               | 12.5×16                | 5000                    | 0.08                  | 20                         | 5300                              |
| 35(41)                | 1500               | 12.5×18                | 5000                    | 0.09                  | 20                         | 5600                              |
| 35(41)                | 1800               | 12.5×20                | 5000                    | 0.10                  | 20                         | 5850                              |
| 50(58)                | 10                 | 5×5.7                  | 300                     | 0.12                  | 60                         | 1350                              |
| 50(58)                | 10                 | 6.3×4.2                | 300                     | 0.12                  | 60                         | 1400                              |
| 50(58)                | 12                 | 5×5.7                  | 300                     | 0.12                  | 60                         | 1350                              |
| 50(58)                | 12                 | 6.3×4.2                | 300                     | 0.12                  | 60                         | 1400                              |



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## ■ 标准品一览表

| 额定电压<br>(浪涌电压)<br>(V) | 标称容量<br>( $\mu$ F) | 产品尺寸<br>$\Phi$ D×L(mm) | L.C.<br>( $\mu$ A,2min) | Tan $\delta$<br>120Hz | ESR<br>(m $\Omega$ 100kHz) | 额定纹波电流<br>(mA r.m.s./105°C100kHz) |
|-----------------------|--------------------|------------------------|-------------------------|-----------------------|----------------------------|-----------------------------------|
| 50(58)                | 15                 | 5×5.7                  | 300                     | 0.12                  | 60                         | 1450                              |
| 50(58)                | 15                 | 6.3×4.2                | 300                     | 0.12                  | 60                         | 1400                              |
| 50(58)                | 18                 | 5×7                    | 300                     | 0.12                  | 60                         | 1450                              |
| 50(58)                | 18                 | 6.3×5.7                | 300                     | 0.12                  | 60                         | 1400                              |
| 50(58)                | 22                 | 5×7                    | 300                     | 0.12                  | 60                         | 1450                              |
| 50(58)                | 22                 | 6.3×5.7                | 300                     | 0.12                  | 60                         | 1550                              |
| 50(58)                | 33                 | 5×9                    | 330                     | 0.12                  | 50                         | 1800                              |
| 50(58)                | 33                 | 6.3×7                  | 330                     | 0.12                  | 60                         | 1650                              |
| 50(58)                | 39                 | 5×10                   | 390                     | 0.12                  | 40                         | 2200                              |
| 50(58)                | 39                 | 6.3×7                  | 390                     | 0.12                  | 60                         | 1650                              |
| 50(58)                | 47                 | 6.3×8                  | 470                     | 0.12                  | 50                         | 1900                              |
| 50(58)                | 47                 | 8×7                    | 470                     | 0.12                  | 60                         | 1650                              |
| 50(58)                | 56                 | 6.3×9                  | 560                     | 0.12                  | 50                         | 1900                              |
| 50(58)                | 56                 | 8×7                    | 560                     | 0.12                  | 60                         | 1800                              |
| 50(58)                | 68                 | 6.3×10                 | 680                     | 0.12                  | 50                         | 2150                              |
| 50(58)                | 68                 | 8×7                    | 680                     | 0.12                  | 60                         | 1800                              |
| 50(58)                | 82                 | 6.3×11                 | 820                     | 0.12                  | 40                         | 2500                              |
| 50(58)                | 82                 | 8×8                    | 820                     | 0.12                  | 60                         | 1900                              |
| 50(58)                | 100                | 8×9                    | 1000                    | 0.12                  | 50                         | 2200                              |
| 50(58)                | 100                | 10×7                   | 1000                    | 0.12                  | 60                         | 2000                              |
| 50(58)                | 120                | 8×10                   | 1200                    | 0.12                  | 50                         | 2300                              |
| 50(58)                | 120                | 10×7                   | 1200                    | 0.12                  | 60                         | 2050                              |
| 50(58)                | 150                | 8×12                   | 1500                    | 0.12                  | 50                         | 2300                              |
| 50(58)                | 150                | 10×8                   | 1500                    | 0.12                  | 50                         | 2350                              |
| 50(58)                | 180                | 8×14                   | 1800                    | 0.12                  | 40                         | 2800                              |
| 50(58)                | 180                | 10×9                   | 1800                    | 0.12                  | 50                         | 2450                              |
| 50(58)                | 220                | 8×16                   | 2200                    | 0.12                  | 30                         | 3500                              |
| 50(58)                | 220                | 10×14                  | 2200                    | 0.12                  | 40                         | 2900                              |
| 50(58)                | 270                | 10×13                  | 2700                    | 0.12                  | 40                         | 3000                              |
| 50(58)                | 330                | 10×16                  | 3300                    | 0.12                  | 30                         | 3800                              |
| 50(58)                | 390                | 10×18                  | 3900                    | 0.12                  | 30                         | 3800                              |
| 50(58)                | 390                | 12.5×14                | 3900                    | 0.12                  | 40                         | 3350                              |
| 50(58)                | 470                | 10×21                  | 4700                    | 0.12                  | 30                         | 4050                              |
| 50(58)                | 470                | 12.5×14                | 4700                    | 0.12                  | 40                         | 3500                              |
| 50(58)                | 560                | 12.5×16                | 5000                    | 0.12                  | 30                         | 4300                              |
| 50(58)                | 680                | 12.5×20                | 5000                    | 0.12                  | 30                         | 4550                              |
| 50(58)                | 820                | 12.5×20                | 5000                    | 0.12                  | 30                         | 4750                              |
| 63(73)                | 6.8                | 5×5.7                  | 300                     | 0.12                  | 60                         | 1350                              |
| 63(73)                | 6.8                | 6.3×4.2                | 300                     | 0.12                  | 60                         | 1400                              |
| 63(73)                | 8.2                | 5×5.7                  | 300                     | 0.12                  | 60                         | 1450                              |
| 63(73)                | 8.2                | 6.3×4.2                | 300                     | 0.12                  | 60                         | 1400                              |
| 63(73)                | 10                 | 5×7                    | 300                     | 0.12                  | 60                         | 1450                              |
| 63(73)                | 10                 | 6.3×4.2                | 300                     | 0.12                  | 60                         | 1400                              |



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## ■ 标准品一览表

| 额定电压<br>(浪涌电压)<br>(V) | 标称容量<br>( $\mu$ F) | 产品尺寸<br>$\Phi$ D×L(mm) | L.C.<br>( $\mu$ A,2min) | Tan $\delta$<br>120Hz | ESR<br>(m $\Omega$ 100kHz) | 额定纹波电流<br>(mA r.m.s./105°C100kHz) |
|-----------------------|--------------------|------------------------|-------------------------|-----------------------|----------------------------|-----------------------------------|
| 63(73)                | 15                 | 5×7                    | 300                     | 0.12                  | 60                         | 1450                              |
| 63(73)                | 15                 | 6.3×5.7                | 300                     | 0.12                  | 60                         | 1400                              |
| 63(73)                | 22                 | 5×9                    | 300                     | 0.12                  | 50                         | 1900                              |
| 63(73)                | 22                 | 6.3×7                  | 300                     | 0.12                  | 50                         | 1900                              |
| 63(73)                | 33                 | 6.3×8                  | 416                     | 0.12                  | 50                         | 1900                              |
| 63(73)                | 33                 | 8×7                    | 416                     | 0.12                  | 60                         | 1800                              |
| 63(73)                | 39                 | 6.3×9                  | 491                     | 0.12                  | 50                         | 2150                              |
| 63(73)                | 39                 | 8×7                    | 491                     | 0.12                  | 60                         | 1800                              |
| 63(73)                | 47                 | 6.3×10                 | 592                     | 0.12                  | 40                         | 2500                              |
| 63(73)                | 47                 | 8×8                    | 592                     | 0.12                  | 60                         | 1900                              |
| 63(73)                | 56                 | 8×8                    | 706                     | 0.12                  | 50                         | 2200                              |
| 63(73)                | 56                 | 10×8                   | 706                     | 0.12                  | 60                         | 1950                              |
| 63(73)                | 68                 | 8×9                    | 857                     | 0.12                  | 50                         | 2300                              |
| 63(73)                | 68                 | 10×7                   | 857                     | 0.12                  | 60                         | 2050                              |
| 63(73)                | 82                 | 8×10                   | 1033                    | 0.12                  | 50                         | 2300                              |
| 63(73)                | 82                 | 10×9                   | 1033                    | 0.12                  | 60                         | 2050                              |
| 63(73)                | 100                | 8×12                   | 1260                    | 0.12                  | 40                         | 2700                              |
| 63(73)                | 100                | 10×10                  | 1260                    | 0.12                  | 50                         | 2350                              |
| 63(73)                | 120                | 10×12                  | 1512                    | 0.12                  | 50                         | 2450                              |
| 63(73)                | 150                | 10×13                  | 1890                    | 0.12                  | 40                         | 3000                              |
| 63(73)                | 180                | 10×14                  | 2268                    | 0.12                  | 30                         | 3600                              |
| 63(73)                | 220                | 10×16                  | 2772                    | 0.12                  | 30                         | 3800                              |
| 63(73)                | 220                | 12.5×12.5              | 2772                    | 0.12                  | 40                         | 3350                              |
| 63(73)                | 270                | 10×21                  | 3402                    | 0.12                  | 30                         | 4050                              |
| 63(73)                | 270                | 12.5×14                | 3402                    | 0.12                  | 40                         | 3500                              |
| 63(73)                | 330                | 10×21                  | 4158                    | 0.12                  | 30                         | 4350                              |
| 63(73)                | 330                | 12.5×16                | 4158                    | 0.12                  | 30                         | 4300                              |
| 63(73)                | 390                | 12.5×18                | 4914                    | 0.12                  | 30                         | 4550                              |
| 63(73)                | 470                | 12.5×20                | 5000                    | 0.12                  | 30                         | 4750                              |
| 80(92)                | 4.7                | 5×5.7                  | 300                     | 0.12                  | 60                         | 1350                              |
| 80(92)                | 4.7                | 6.3×4.2                | 300                     | 0.12                  | 60                         | 1400                              |
| 80(92)                | 6.8                | 5×5.7                  | 300                     | 0.12                  | 60                         | 1450                              |
| 80(92)                | 6.8                | 6.3×4.2                | 300                     | 0.12                  | 60                         | 1400                              |
| 80(92)                | 8.2                | 5×7                    | 300                     | 0.12                  | 60                         | 1450                              |
| 80(92)                | 8.2                | 6.3×4.2                | 300                     | 0.12                  | 60                         | 1400                              |
| 80(92)                | 10                 | 5×7                    | 300                     | 0.12                  | 60                         | 1450                              |
| 80(92)                | 10                 | 6.3×5.7                | 300                     | 0.12                  | 60                         | 1400                              |
| 80(92)                | 15                 | 5×9                    | 300                     | 0.12                  | 50                         | 1900                              |
| 80(92)                | 15                 | 6.3×7                  | 300                     | 0.12                  | 50                         | 1900                              |
| 80(92)                | 22                 | 6.3×8                  | 352                     | 0.12                  | 50                         | 1900                              |
| 80(92)                | 22                 | 8×7                    | 352                     | 0.12                  | 60                         | 1800                              |
| 80(92)                | 33                 | 6.3×10                 | 528                     | 0.12                  | 40                         | 2500                              |
| 80(92)                | 33                 | 8×7                    | 528                     | 0.12                  | 60                         | 1800                              |

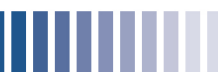


# NPL

## ■ 标准品一览表

| 额定电压<br>(浪涌电压)<br>(V) | 标称容量<br>( $\mu$ F) | 产品尺寸<br>$\Phi$ D×L(mm) | L.C.<br>( $\mu$ A,2min) | Tan $\delta$<br>120Hz | ESR<br>(m $\Omega$ 100kHz) | 额定纹波电流<br>(mA r.m.s/105°C100kHz) |
|-----------------------|--------------------|------------------------|-------------------------|-----------------------|----------------------------|----------------------------------|
| 80(92)                | 39                 | 6.3×11                 | 624                     | 0.12                  | 40                         | 2600                             |
| 80(92)                | 39                 | 8×8                    | 624                     | 0.12                  | 50                         | 2200                             |
| 80(92)                | 47                 | 8×9                    | 752                     | 0.12                  | 50                         | 2200                             |
| 80(92)                | 47                 | 10×7                   | 752                     | 0.12                  | 60                         | 2050                             |
| 80(92)                | 56                 | 8×10                   | 896                     | 0.12                  | 50                         | 2300                             |
| 80(92)                | 56                 | 10×9                   | 896                     | 0.12                  | 50                         | 2450                             |
| 80(92)                | 68                 | 8×11                   | 1088                    | 0.12                  | 40                         | 2700                             |
| 80(92)                | 68                 | 10×9                   | 1088                    | 0.12                  | 50                         | 2450                             |
| 80(92)                | 82                 | 8×14                   | 1312                    | 0.12                  | 40                         | 2900                             |
| 80(92)                | 82                 | 10×10                  | 1312                    | 0.12                  | 50                         | 2550                             |
| 80(92)                | 100                | 8×16                   | 1600                    | 0.12                  | 30                         | 3500                             |
| 80(92)                | 100                | 10×12                  | 1600                    | 0.12                  | 40                         | 2950                             |
| 80(92)                | 120                | 10×13                  | 1920                    | 0.12                  | 40                         | 3000                             |
| 80(92)                | 150                | 10×16                  | 2400                    | 0.12                  | 30                         | 3800                             |
| 80(92)                | 150                | 12.5×12.5              | 2400                    | 0.12                  | 40                         | 3350                             |
| 80(92)                | 180                | 10×18                  | 2880                    | 0.12                  | 30                         | 4050                             |
| 80(92)                | 180                | 12.5×14                | 2880                    | 0.12                  | 40                         | 3500                             |
| 80(92)                | 220                | 10×21                  | 3520                    | 0.12                  | 30                         | 4350                             |
| 80(92)                | 220                | 12.5×16                | 3520                    | 0.12                  | 30                         | 4300                             |
| 80(92)                | 270                | 12.5×18                | 4320                    | 0.12                  | 30                         | 4550                             |
| 80(92)                | 330                | 12.5×20                | 5000                    | 0.12                  | 30                         | 4750                             |
| 100(115)              | 2.2                | 5×5.7                  | 300                     | 0.12                  | 80                         | 1200                             |
| 100(115)              | 2.2                | 6.3×4.2                | 300                     | 0.12                  | 80                         | 1250                             |
| 100(115)              | 3.3                | 5×5.7                  | 300                     | 0.12                  | 60                         | 1450                             |
| 100(115)              | 3.3                | 6.3×4.2                | 300                     | 0.12                  | 80                         | 1250                             |
| 100(115)              | 4.7                | 5×7                    | 300                     | 0.12                  | 60                         | 1450                             |
| 100(115)              | 4.7                | 6.3×5.7                | 300                     | 0.12                  | 80                         | 1350                             |
| 100(115)              | 5.6                | 5×7                    | 300                     | 0.12                  | 60                         | 1450                             |
| 100(115)              | 5.6                | 6.3×5.7                | 300                     | 0.12                  | 80                         | 1350                             |
| 100(115)              | 6.8                | 5×8                    | 300                     | 0.12                  | 60                         | 1550                             |
| 100(115)              | 6.8                | 6.3×5.7                | 300                     | 0.12                  | 60                         | 1650                             |
| 100(115)              | 8.2                | 5×9                    | 300                     | 0.12                  | 60                         | 1700                             |
| 100(115)              | 8.2                | 6.3×7                  | 300                     | 0.12                  | 60                         | 1650                             |
| 100(115)              | 10                 | 6.3×7                  | 300                     | 0.12                  | 60                         | 1650                             |
| 100(115)              | 12                 | 6.3×8                  | 300                     | 0.12                  | 50                         | 1900                             |
| 100(115)              | 15                 | 6.3×9                  | 300                     | 0.12                  | 50                         | 2150                             |
| 100(115)              | 15                 | 8×7                    | 300                     | 0.12                  | 60                         | 1800                             |
| 100(115)              | 18                 | 6.3×10                 | 360                     | 0.12                  | 50                         | 2250                             |
| 100(115)              | 18                 | 8×8                    | 360                     | 0.12                  | 60                         | 1900                             |
| 100(115)              | 22                 | 6.3×12                 | 440                     | 0.12                  | 50                         | 2300                             |
| 100(115)              | 22                 | 8×8                    | 440                     | 0.12                  | 50                         | 2200                             |
| 100(115)              | 27                 | 8×11                   | 540                     | 0.12                  | 50                         | 2200                             |
| 100(115)              | 27                 | 10×7                   | 540                     | 0.12                  | 60                         | 2050                             |





# NPL

## ■ 标准品一览表

| 额定电压<br>(浪涌电压)<br>(V) | 标称容量<br>( $\mu$ F) | 产品尺寸<br>$\Phi$ D×L(mm) | L.C.<br>( $\mu$ A,2min) | Tan $\delta$<br>120Hz | ESR<br>(m $\Omega$ 100kHz) | 额定纹波电流<br>(mA r.m.s/105°C100kHz) |
|-----------------------|--------------------|------------------------|-------------------------|-----------------------|----------------------------|----------------------------------|
| 100(115)              | 33                 | 8×11                   | 660                     | 0.12                  | 50                         | 2300                             |
| 100(115)              | 33                 | 10×9                   | 660                     | 0.12                  | 50                         | 2450                             |
| 100(115)              | 39                 | 8×14                   | 780                     | 0.12                  | 50                         | 2400                             |
| 100(115)              | 39                 | 10×9                   | 780                     | 0.12                  | 50                         | 2450                             |
| 100(115)              | 47                 | 10×10                  | 940                     | 0.12                  | 50                         | 2550                             |
| 100(115)              | 56                 | 10×12                  | 1120                    | 0.12                  | 50                         | 2650                             |
| 100(115)              | 68                 | 10×16                  | 1360                    | 0.12                  | 50                         | 2700                             |
| 100(115)              | 82                 | 10×18                  | 1640                    | 0.12                  | 40                         | 3100                             |
| 100(115)              | 82                 | 12.5×12.5              | 1640                    | 0.12                  | 50                         | 3000                             |
| 100(115)              | 100                | 10×21                  | 2000                    | 0.12                  | 40                         | 3500                             |
| 100(115)              | 100                | 12.5×14                | 2000                    | 0.12                  | 50                         | 3150                             |
| 100(115)              | 120                | 10×21                  | 2400                    | 0.12                  | 40                         | 3750                             |
| 100(115)              | 120                | 12.5×16                | 2400                    | 0.12                  | 40                         | 3700                             |
| 100(115)              | 150                | 12.5×18                | 3000                    | 0.12                  | 40                         | 3900                             |
| 100(115)              | 180                | 12.5×20                | 3600                    | 0.12                  | 40                         | 4100                             |