



|     |     |   |         |    |      |     |         |    |          |     |  |      |    |           |                     |         |         |
|-----|-----|---|---------|----|------|-----|---------|----|----------|-----|--|------|----|-----------|---------------------|---------|---------|
| 1   | 2   | 3 | 4 5 6 7 |    |      |     | 8 9     |    | 10 11 12 |     |  | 13   | 14 |           | 15 16               |         |         |
| ↓   |     |   | ↓       |    |      |     | ↓       |    | ↓        |     |  | ↓    | ↓  |           | ↓                   |         |         |
| 系列  | 代码  |   | 产品直径    | 代码 | 产品高度 | 代码  | 额定电压(V) | 代码 | 静电容量(μF) | 代码  |  | 容量范围 | 代码 | 附属码(引脚成型) |                     | 附属码(外观) |         |
| NGY | NGY |   | 3.55    | W  | 3.95 | 039 | 2       | 0D | 1.0      | 1R0 |  | ±20% | M  | A         | 切直脚A图               | JG      | 胶管      |
| NHT | NHT |   | 4       | A  | 4.2  | 042 | 2.5     | 0E | 1.2      | 1R2 |  | ±10% | K  | B         | 切脚成型B图              | TM      | 涂膜丝印    |
| NHX | NHX |   | 4.5     | G  | 4.5  | 045 | 4       | 0G | 1.5      | 1R5 |  |      |    | C         | 切脚成型C图              | CG      | 车规      |
| NP1 | NP1 |   | 5       | B  | 5    | 050 | 6.3     | 0J | 1.8      | 1R8 |  |      |    | D         | 切脚成型D图              | KZ      | 抗震品     |
| NPG | NPG |   | 5.5     | H  | 5.4  | 054 | 6.8     | 0A | 2.2      | 2R2 |  |      |    | E         | 切脚成型E图              | MR      | 品红色涂膜丝印 |
| NPH | NPH |   | 6.3     | C  | 5.7  | 057 | 7.5     | 0L | 2.7      | 2R7 |  |      |    | Q         | 切脚折弯90°<br>F图A型(右)  | JP      | 军规      |
| NPL | NPL |   | 8       | D  | 5.8  | 058 | 10      | 1A | 3.3      | 3R3 |  |      |    | P         | 切脚折弯90°<br>F图B型(左)  | LG      | 雷管      |
| NPM | NPM |   | 10      | E  | 6    | 060 | 12      | 1B | 3.9      | 3R9 |  |      |    | X         | 切脚成型G图              |         |         |
| NPT | NPT |   | 12.5    | L  | 6.1  | 061 | 16      | 1C | 4.7      | 4R7 |  |      |    | G         | 切脚双折弯90°<br>H图A型(右) |         |         |
| NPX | NPX |   | 13      | S  | 7    | 070 | 20      | 1D | 5.6      | 5R6 |  |      |    | R         | 切脚双折弯90°<br>H图B型(左) |         |         |
| VGY | VGY |   | 16      | I  | 7.5  | 075 | 25      | 1E | 6.8      | 6R8 |  |      |    | K         | 编带A图                |         |         |
| VHM | VHM |   | 18      | J  | 7.7  | 077 | 35      | 1V | 8.2      | 8R2 |  |      |    | L         | 编带B图                |         |         |
| VHR | VHR |   | 20      | N  | 8    | 080 | 50      | 1H | 10       | 100 |  |      |    | V         | SMD                 |         |         |
| VHT | VHT |   | 22      | K  | 8.5  | 085 | 63      | 1J | 12       | 120 |  |      |    | J         | 固态引线型               |         |         |
| VHU | VHU |   | 25      | M  | 9    | 090 | 80      | 1K | 15       | 150 |  |      |    |           |                     |         |         |
| VHX | VHX |   | 30      | P  | 9.5  | 095 | 100     | 2A | 18       | 180 |  |      |    |           |                     |         |         |
| VP1 | VP1 |   | 35      | Q  | 10   | 100 | 120     | 2K | 22       | 220 |  |      |    |           |                     |         |         |
| VP4 | VP4 |   | 40      | R  | 10.5 | 105 | 125     | 2B | 27       | 270 |  |      |    |           |                     |         |         |
| VPG | VPG |   |         |    | 11   | 110 | 160     | 2C | 33       | 330 |  |      |    |           |                     |         |         |
| VPH | VPH |   |         |    | 11.5 | 115 | 200     | 2D | 39       | 390 |  |      |    |           |                     |         |         |
| VPL | VPL |   |         |    | 12   | 120 | 250     | 2E | 47       | 470 |  |      |    |           |                     |         |         |
| VPT | VPT |   |         |    | 12.5 | 125 | 350     | 2V | 56       | 560 |  |      |    |           |                     |         |         |
| VPW | VPW |   |         |    | 13   | 130 | 400     | 2G | 68       | 680 |  |      |    |           |                     |         |         |
| VPX | VPX |   |         |    | 13.5 | 135 | 450     | 2W | 82       | 820 |  |      |    |           |                     |         |         |
|     |     |   |         |    | 14   | 140 | 500     | 2H | 100      | 101 |  |      |    |           |                     |         |         |
|     |     |   |         |    | 14.5 | 145 | 600     | 2J | 120      | 121 |  |      |    |           |                     |         |         |
|     |     |   |         |    | 15   | 150 | 630     | 2Y | 150      | 151 |  |      |    |           |                     |         |         |
|     |     |   |         |    | 15.5 | 155 | 650     | 2X | 180      | 181 |  |      |    |           |                     |         |         |
|     |     |   |         |    | 16   | 160 |         |    | 200      | 201 |  |      |    |           |                     |         |         |
|     |     |   |         |    | 16.5 | 165 |         |    | 220      | 221 |  |      |    |           |                     |         |         |
|     |     |   |         |    | 17   | 170 |         |    | 250      | 251 |  |      |    |           |                     |         |         |
|     |     |   |         |    | 17.5 | 175 |         |    | 270      | 271 |  |      |    |           |                     |         |         |
|     |     |   |         |    | 18   | 180 |         |    | 330      | 331 |  |      |    |           |                     |         |         |
|     |     |   |         |    | 18.5 | 185 |         |    | 390      | 391 |  |      |    |           |                     |         |         |
|     |     |   |         |    | 19   | 190 |         |    | 470      | 471 |  |      |    |           |                     |         |         |
|     |     |   |         |    | 19.5 | 195 |         |    | 560      | 561 |  |      |    |           |                     |         |         |
|     |     |   |         |    | 20   | 200 |         |    | 680      | 681 |  |      |    |           |                     |         |         |
|     |     |   |         |    | 21   | 210 |         |    | 820      | 821 |  |      |    |           |                     |         |         |
|     |     |   |         |    | 21.5 | 215 |         |    | 1000     | 102 |  |      |    |           |                     |         |         |
|     |     |   |         |    | 22   | 220 |         |    | 1200     | 122 |  |      |    |           |                     |         |         |
|     |     |   |         |    | 23   | 230 |         |    | 1500     | 152 |  |      |    |           |                     |         |         |
|     |     |   |         |    | 25   | 250 |         |    | 1800     | 182 |  |      |    |           |                     |         |         |
|     |     |   |         |    | 26.5 | 265 |         |    | 2000     | 202 |  |      |    |           |                     |         |         |
|     |     |   |         |    | 30   | 300 |         |    | 2200     | 222 |  |      |    |           |                     |         |         |
|     |     |   |         |    | 31.5 | 315 |         |    | 2400     | 242 |  |      |    |           |                     |         |         |
|     |     |   |         |    | 35.5 | 355 |         |    | 2500     | 252 |  |      |    |           |                     |         |         |
|     |     |   |         |    |      |     |         |    | 2700     | 272 |  |      |    |           |                     |         |         |
|     |     |   |         |    |      |     |         |    | 3300     | 332 |  |      |    |           |                     |         |         |
|     |     |   |         |    |      |     |         |    | 3900     | 392 |  |      |    |           |                     |         |         |
|     |     |   |         |    |      |     |         |    | 4700     | 472 |  |      |    |           |                     |         |         |
|     |     |   |         |    |      |     |         |    | 5600     | 562 |  |      |    |           |                     |         |         |
|     |     |   |         |    |      |     |         |    | 6800     | 682 |  |      |    |           |                     |         |         |
|     |     |   |         |    |      |     |         |    | 8200     | 822 |  |      |    |           |                     |         |         |
|     |     |   |         |    |      |     |         |    | 10000    | 103 |  |      |    |           |                     |         |         |
|     |     |   |         |    |      |     |         |    | 12000    | 123 |  |      |    |           |                     |         |         |
|     |     |   |         |    |      |     |         |    | 15000    | 153 |  |      |    |           |                     |         |         |
|     |     |   |         |    |      |     |         |    | 18000    | 183 |  |      |    |           |                     |         |         |



VPT

- ◆高可靠性 低ESR 高容许纹波电流
- ◆125℃ 2000小时保证
- ◆已应对RoHS指令
- ◆耐高温品 表面贴装型

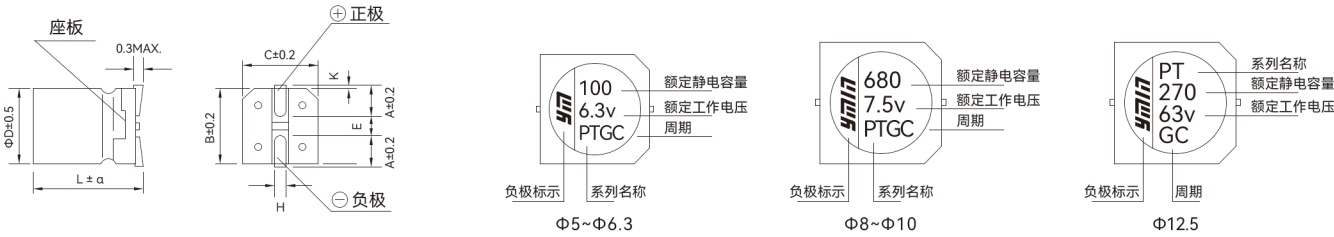


主要技术参数

| 项目          | 特性                                                          |
|-------------|-------------------------------------------------------------|
| 工作温度范围      | -55 ~ +125℃                                                 |
| 额定工作电压      | 6.3 ~ 100V                                                  |
| 容量范围        | 2.2 ~ 10000 μF 120Hz 20℃                                    |
| 容量允许偏差      | ±20% (120Hz 20℃)                                            |
| 损耗角正切值      | 标准品一览表的值以下 120Hz 20℃                                        |
| 漏电流※        | 标准品一览表的值以下 额定电压下充电2分钟, 20℃                                  |
| 等效串联电阻(ESR) | 标准品一览表的值以下 100kHz 20℃                                       |
| 耐久性         | 在125℃温度下, 施加额定工作电压2000小时, 并在20℃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℃温度、90%~95%R.H湿度条件下不施加电压, 放置1000小时, 并在20℃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                                             |

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

产品尺寸图 (单位: mm)



| ΦD   | B    | C    | A   | H         | E   | K       | α    |
|------|------|------|-----|-----------|-----|---------|------|
| 5    | 5.3  | 5.3  | 2.1 | 0.70±0.20 | 1.3 | 0.5MAX  | ±0.5 |
| 6.3  | 6.6  | 6.6  | 2.6 | 0.70±0.20 | 1.8 | 0.5MAX  |      |
| 8    | 8.3  | 8.3  | 3.0 | 0.90±0.20 | 3.1 | 0.5MAX  |      |
| 10   | 10.3 | 10.3 | 3.5 | 0.90±0.20 | 4.6 | 0.7±0.2 |      |
| 12.5 | 12.8 | 12.8 | 4.7 | 0.90±0.30 | 4.4 | 0.7±0.3 | ±1.0 |

频率修正因子

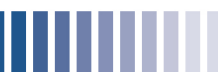
|        |       |      |       |        |        |
|--------|-------|------|-------|--------|--------|
| 频率(Hz) | 120Hz | 1kHz | 10kHz | 100kHz | 500kHz |
| 修正因子   | 0.05  | 0.30 | 0.70  | 1.00   | 1.00   |



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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>(μF) | 产品尺寸<br>ΦD×L(mm) | L.C.<br>(μA,2min) | Tan δ<br>120Hz | ESR<br>(mΩ100kHz) | 额定纹波电流<br>(mA r.m.s/125℃100kHz) |
|-----------------------|--------------|------------------|-------------------|----------------|-------------------|---------------------------------|
| 6.3(7.2)              | 100          | 5×5.8            | 500               | 0.08           | 20                | 1100                            |
| 6.3(7.2)              | 150          | 5×5.8            | 500               | 0.08           | 20                | 1100                            |
| 6.3(7.2)              | 180          | 5×5.8            | 500               | 0.08           | 20                | 1100                            |
| 6.3(7.2)              | 220          | 5×5.8            | 500               | 0.08           | 20                | 1100                            |
| 6.3(7.2)              | 220          | 6.3×5.8          | 500               | 0.08           | 18                | 1300                            |
| 6.3(7.2)              | 270          | 5×7.7            | 500               | 0.08           | 12                | 1550                            |
| 6.3(7.2)              | 270          | 6.3×5.8          | 500               | 0.08           | 18                | 1300                            |
| 6.3(7.2)              | 330          | 5×7.7            | 500               | 0.08           | 12                | 1550                            |
| 6.3(7.2)              | 330          | 6.3×5.8          | 500               | 0.08           | 18                | 1300                            |
| 6.3(7.2)              | 390          | 5×8.5            | 500               | 0.08           | 12                | 2200                            |
| 6.3(7.2)              | 390          | 6.3×5.8          | 500               | 0.08           | 18                | 1300                            |
| 6.3(7.2)              | 470          | 5×8.5            | 592               | 0.08           | 12                | 2200                            |
| 6.3(7.2)              | 470          | 6.3×7.7          | 592               | 0.08           | 8                 | 2200                            |
| 6.3(7.2)              | 560          | 6.3×7.7          | 706               | 0.08           | 8                 | 2200                            |
| 6.3(7.2)              | 560          | 6.3×8.5          | 706               | 0.08           | 8                 | 2300                            |
| 6.3(7.2)              | 680          | 6.3×8.5          | 857               | 0.08           | 8                 | 2300                            |
| 6.3(7.2)              | 680          | 8×7.7            | 857               | 0.08           | 12                | 2500                            |
| 6.3(7.2)              | 820          | 6.3×7.7          | 1033              | 0.08           | 8                 | 2200                            |
| 6.3(7.2)              | 820          | 6.3×9.5          | 1033              | 0.08           | 8                 | 2350                            |
| 6.3(7.2)              | 820          | 8×7.7            | 1033              | 0.08           | 12                | 2500                            |
| 6.3(7.2)              | 1000         | 6.3×11           | 1260              | 0.08           | 8                 | 2500                            |
| 6.3(7.2)              | 1000         | 8×9              | 1260              | 0.08           | 8                 | 2600                            |
| 6.3(7.2)              | 1000         | 10×8.5           | 1260              | 0.08           | 12                | 2050                            |
| 6.3(7.2)              | 1200         | 6.3×12           | 1512              | 0.08           | 8                 | 2600                            |
| 6.3(7.2)              | 1200         | 8×10             | 1512              | 0.08           | 8                 | 2650                            |
| 6.3(7.2)              | 1200         | 10×9.5           | 1512              | 0.08           | 8                 | 2650                            |
| 6.3(7.2)              | 1500         | 8×12.5           | 1890              | 0.09           | 8                 | 2800                            |
| 6.3(7.2)              | 1500         | 10×10.5          | 1890              | 0.09           | 8                 | 2900                            |
| 6.3(7.2)              | 2000         | 8×15             | 2520              | 0.10           | 7                 | 3500                            |
| 6.3(7.2)              | 2000         | 10×10.5          | 2520              | 0.10           | 8                 | 2900                            |
| 6.3(7.2)              | 2200         | 8×15             | 2772              | 0.10           | 7                 | 3500                            |
| 6.3(7.2)              | 2200         | 10×10.5          | 2772              | 0.10           | 8                 | 2900                            |
| 6.3(7.2)              | 2700         | 10×13.5          | 3402              | 0.10           | 8                 | 3000                            |
| 6.3(7.2)              | 3300         | 10×13.5          | 4158              | 0.11           | 8                 | 3000                            |
| 6.3(7.2)              | 3900         | 10×15.5          | 4914              | 0.12           | 7                 | 3500                            |
| 6.3(7.2)              | 4700         | 10×17            | 5922              | 0.14           | 7                 | 3700                            |
| 6.3(7.2)              | 4700         | 12.5×13.5        | 5922              | 0.14           | 8                 | 3500                            |
| 6.3(7.2)              | 5600         | 10×19.5          | 7056              | 0.16           | 7                 | 3850                            |
| 6.3(7.2)              | 5600         | 12.5×15          | 7056              | 0.16           | 8                 | 3500                            |
| 6.3(7.2)              | 6800         | 10×22            | 7500              | 0.18           | 7                 | 4150                            |
| 6.3(7.2)              | 6800         | 12.5×17          | 7500              | 0.18           | 7                 | 4050                            |
| 6.3(7.2)              | 8200         | 12.5×18.5        | 7500              | 0.19           | 7                 | 4300                            |
| 6.3(7.2)              | 10000        | 12.5×21          | 7500              | 0.21           | 7                 | 4500                            |

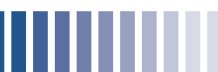


# VPT

## ■ 标准品一览表

| 额定电压<br>(浪涌电压)<br>(V) | 标称容量<br>(μF) | 产品尺寸<br>ΦD×L(mm) | L.C.<br>(μA,2min) | Tan δ<br>120Hz | ESR<br>(mΩ100kHz) | 额定纹波电流<br>(mA r.m.s/125°C100kHz) |
|-----------------------|--------------|------------------|-------------------|----------------|-------------------|----------------------------------|
| 7.5(8.6)              | 270          | 5×7.7            | 500               | 0.08           | 12                | 1550                             |
| 7.5(8.6)              | 270          | 6.3×5.8          | 500               | 0.08           | 18                | 1300                             |
| 7.5(8.6)              | 330          | 5×9.5            | 500               | 0.08           | 12                | 1750                             |
| 7.5(8.6)              | 330          | 6.3×5.8          | 500               | 0.08           | 18                | 1300                             |
| 7.5(8.6)              | 390          | 5×9.5            | 585               | 0.08           | 12                | 1750                             |
| 7.5(8.6)              | 390          | 6.3×7.7          | 585               | 0.08           | 12                | 2000                             |
| 7.5(8.6)              | 470          | 5×9.5            | 705               | 0.08           | 12                | 1750                             |
| 7.5(8.6)              | 470          | 6.3×8.5          | 705               | 0.08           | 12                | 2100                             |
| 7.5(8.6)              | 560          | 6.3×9.5          | 840               | 0.08           | 9                 | 2150                             |
| 7.5(8.6)              | 680          | 6.3×11           | 1020              | 0.08           | 8                 | 2400                             |
| 7.5(8.6)              | 680          | 8×7.7            | 1020              | 0.08           | 12                | 1900                             |
| 7.5(8.6)              | 820          | 6.3×12           | 1230              | 0.08           | 8                 | 2550                             |
| 7.5(8.6)              | 820          | 8×9              | 1230              | 0.08           | 8                 | 2600                             |
| 7.5(8.6)              | 1000         | 6.3×12           | 1500              | 0.08           | 8                 | 2550                             |
| 7.5(8.6)              | 1000         | 8×10             | 1500              | 0.08           | 8                 | 2650                             |
| 10(11.5)              | 33           | 5×5.8            | 500               | 0.08           | 30                | 900                              |
| 10(11.5)              | 47           | 5×5.8            | 500               | 0.08           | 30                | 900                              |
| 10(11.5)              | 68           | 5×5.8            | 500               | 0.08           | 30                | 900                              |
| 10(11.5)              | 82           | 5×5.8            | 500               | 0.08           | 30                | 900                              |
| 10(11.5)              | 100          | 5×5.8            | 500               | 0.08           | 30                | 900                              |
| 10(11.5)              | 150          | 5×7.7            | 500               | 0.08           | 15                | 1400                             |
| 10(11.5)              | 150          | 6.3×5.8          | 500               | 0.08           | 30                | 1200                             |
| 10(11.5)              | 180          | 5×7.7            | 500               | 0.08           | 15                | 1400                             |
| 10(11.5)              | 180          | 6.3×5.8          | 500               | 0.08           | 30                | 1200                             |
| 10(11.5)              | 220          | 5×7.7            | 500               | 0.08           | 15                | 1400                             |
| 10(11.5)              | 220          | 6.3×5.8          | 500               | 0.08           | 30                | 1200                             |
| 10(11.5)              | 270          | 5×9.5            | 540               | 0.08           | 12                | 1450                             |
| 10(11.5)              | 270          | 6.3×5.8          | 540               | 0.08           | 30                | 1200                             |
| 10(11.5)              | 330          | 6.3×7.7          | 660               | 0.08           | 16                | 1800                             |
| 10(11.5)              | 390          | 6.3×7.7          | 780               | 0.08           | 16                | 1800                             |
| 10(11.5)              | 470          | 6.3×8.5          | 940               | 0.08           | 12                | 1900                             |
| 10(11.5)              | 470          | 8×7.7            | 940               | 0.08           | 14                | 2250                             |
| 10(11.5)              | 560          | 6.3×11           | 1120              | 0.08           | 10                | 2250                             |
| 10(11.5)              | 560          | 8×7.7            | 1120              | 0.08           | 14                | 2250                             |
| 10(11.5)              | 680          | 6.3×12           | 1360              | 0.08           | 9                 | 2450                             |
| 10(11.5)              | 680          | 8×9              | 1360              | 0.08           | 10                | 2300                             |
| 10(11.5)              | 820          | 8×10             | 1640              | 0.08           | 9                 | 2500                             |
| 10(11.5)              | 820          | 10×8.5           | 1640              | 0.08           | 14                | 2050                             |
| 10(11.5)              | 1000         | 8×12.5           | 2000              | 0.08           | 9                 | 2650                             |
| 10(11.5)              | 1000         | 10×8.5           | 2000              | 0.08           | 14                | 2050                             |
| 10(11.5)              | 1500         | 8×15             | 3000              | 0.09           | 8                 | 3150                             |
| 10(11.5)              | 1500         | 10×10.5          | 3000              | 0.09           | 9                 | 2900                             |
| 10(11.5)              | 2200         | 10×12.5          | 4400              | 0.10           | 8                 | 3150                             |

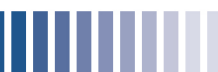




# VPT

## ■ 标准品一览表

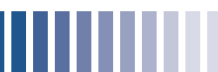
| 额定电压<br>(浪涌电压)<br>(V) | 标称容量<br>(μF) | 产品尺寸<br>ΦD×L(mm) | L.C.<br>(μA,2min) | Tan δ<br>120Hz | ESR<br>(mΩ100kHz) | 额定纹波电流<br>(mA r.m.s/125°C100kHz) |
|-----------------------|--------------|------------------|-------------------|----------------|-------------------|----------------------------------|
| 10(11.5)              | 2500         | 10×13.5          | 5000              | 0.10           | 8                 | 3150                             |
| 10(11.5)              | 2700         | 10×17            | 5400              | 0.10           | 8                 | 3500                             |
| 10(11.5)              | 3300         | 10×19.5          | 6600              | 0.11           | 8                 | 3500                             |
| 10(11.5)              | 3300         | 12.5×15          | 6600              | 0.11           | 9                 | 3500                             |
| 10(11.5)              | 3900         | 10×22            | 7500              | 0.12           | 8                 | 3850                             |
| 10(11.5)              | 3900         | 12.5×17          | 7500              | 0.12           | 8                 | 3850                             |
| 10(11.5)              | 4700         | 12.5×18.5        | 7500              | 0.14           | 8                 | 4000                             |
| 10(11.5)              | 5600         | 12.5×18.5        | 7500              | 0.16           | 8                 | 4000                             |
| 10(11.5)              | 6800         | 12.5×21          | 7500              | 0.18           | 8                 | 4200                             |
| 12(13.8)              | 180          | 5×7.7            | 500               | 0.08           | 15                | 1400                             |
| 12(13.8)              | 180          | 6.3×5.8          | 500               | 0.08           | 30                | 1000                             |
| 12(13.8)              | 220          | 5×9.5            | 528               | 0.08           | 15                | 1450                             |
| 12(13.8)              | 220          | 6.3×5.8          | 528               | 0.08           | 30                | 1000                             |
| 12(13.8)              | 270          | 5×9.5            | 648               | 0.08           | 12                | 1450                             |
| 12(13.8)              | 270          | 6.3×7.7          | 648               | 0.08           | 16                | 1800                             |
| 12(13.8)              | 330          | 5×9.5            | 792               | 0.08           | 12                | 1450                             |
| 12(13.8)              | 330          | 6.3×7.7          | 792               | 0.08           | 16                | 1800                             |
| 12(13.8)              | 390          | 6.3×8.5          | 936               | 0.08           | 12                | 1900                             |
| 12(13.8)              | 390          | 6.3×9.5          | 936               | 0.08           | 12                | 1950                             |
| 12(13.8)              | 470          | 6.3×9.5          | 1128              | 0.08           | 12                | 1950                             |
| 12(13.8)              | 470          | 8×7.7            | 1128              | 0.08           | 14                | 1600                             |
| 12(13.8)              | 560          | 6.3×11           | 1344              | 0.08           | 10                | 2200                             |
| 12(13.8)              | 560          | 8×7.7            | 1344              | 0.08           | 14                | 1600                             |
| 12(13.8)              | 680          | 6.3×12           | 1632              | 0.08           | 9                 | 2450                             |
| 12(13.8)              | 680          | 8×9              | 1632              | 0.08           | 10                | 2300                             |
| 12(13.8)              | 1000         | 8×12.5           | 2400              | 0.08           | 10                | 2500                             |
| 16(18.4)              | 22           | 5×5.8            | 500               | 0.08           | 30                | 900                              |
| 16(18.4)              | 33           | 5×5.8            | 500               | 0.08           | 30                | 900                              |
| 16(18.4)              | 47           | 5×5.8            | 500               | 0.08           | 30                | 900                              |
| 16(18.4)              | 68           | 5×5.8            | 500               | 0.08           | 30                | 900                              |
| 16(18.4)              | 82           | 5×5.8            | 500               | 0.08           | 30                | 900                              |
| 16(18.4)              | 100          | 5×7.7            | 500               | 0.08           | 30                | 1000                             |
| 16(18.4)              | 100          | 6.3×5.8          | 500               | 0.08           | 30                | 1000                             |
| 16(18.4)              | 150          | 5×8.5            | 500               | 0.08           | 30                | 1000                             |
| 16(18.4)              | 150          | 6.3×5.8          | 500               | 0.08           | 30                | 1000                             |
| 16(18.4)              | 220          | 5×9.5            | 704               | 0.08           | 12                | 1300                             |
| 16(18.4)              | 220          | 6.3×7.7          | 704               | 0.08           | 16                | 1800                             |
| 16(18.4)              | 220          | 6.3×9.5          | 704               | 0.08           | 12                | 1950                             |
| 16(18.4)              | 270          | 6.3×7.7          | 864               | 0.08           | 16                | 1800                             |
| 16(18.4)              | 270          | 6.3×8.5          | 864               | 0.08           | 15                | 1900                             |
| 16(18.4)              | 270          | 8×7.7            | 864               | 0.08           | 30                | 1600                             |
| 16(18.4)              | 330          | 6.3×9.5          | 1056              | 0.08           | 12                | 1950                             |
| 16(18.4)              | 330          | 8×7.7            | 1056              | 0.08           | 30                | 1600                             |



# VPT

## ■ 标准品一览表

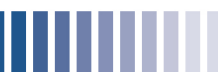
| 额定电压<br>(浪涌电压)<br>(V) | 标称容量<br>(μF) | 产品尺寸<br>ΦD×L(mm) | L.C.<br>(μA,2min) | Tan δ<br>120Hz | ESR<br>(mΩ100kHz) | 额定纹波电流<br>(mA r.m.s/125°C100kHz) |
|-----------------------|--------------|------------------|-------------------|----------------|-------------------|----------------------------------|
| 16(18.4)              | 390          | 6.3×9.5          | 1248              | 0.08           | 12                | 1950                             |
| 16(18.4)              | 470          | 6.3×11           | 1504              | 0.08           | 10                | 1900                             |
| 16(18.4)              | 470          | 6.3×12           | 1504              | 0.08           | 10                | 2000                             |
| 16(18.4)              | 470          | 8×9              | 1504              | 0.08           | 20                | 2250                             |
| 16(18.4)              | 560          | 8×10             | 1792              | 0.08           | 12                | 2300                             |
| 16(18.4)              | 560          | 10×8.5           | 1792              | 0.08           | 14                | 2050                             |
| 16(18.4)              | 680          | 8×12.5           | 2176              | 0.08           | 10                | 2500                             |
| 16(18.4)              | 680          | 10×8.5           | 2176              | 0.08           | 14                | 2050                             |
| 16(18.4)              | 820          | 8×13.5           | 2624              | 0.08           | 10                | 2500                             |
| 16(18.4)              | 820          | 10×9.5           | 2624              | 0.08           | 12                | 2400                             |
| 16(18.4)              | 1000         | 8×15             | 3200              | 0.08           | 8                 | 2650                             |
| 16(18.4)              | 1000         | 8×16.5           | 3200              | 0.08           | 10                | 3150                             |
| 16(18.4)              | 1000         | 10×9.5           | 3200              | 0.08           | 12                | 2400                             |
| 16(18.4)              | 1500         | 10×15.5          | 4800              | 0.09           | 8                 | 3100                             |
| 16(18.4)              | 1800         | 10×17            | 5760              | 0.10           | 8                 | 3500                             |
| 16(18.4)              | 2200         | 10×19.5          | 7040              | 0.10           | 8                 | 3500                             |
| 16(18.4)              | 2200         | 12.5×15          | 7040              | 0.10           | 10                | 3250                             |
| 16(18.4)              | 2700         | 10×22            | 7500              | 0.10           | 8                 | 3850                             |
| 16(18.4)              | 2700         | 12.5×17          | 7500              | 0.10           | 10                | 3250                             |
| 16(18.4)              | 3300         | 12.5×18.5        | 7500              | 0.11           | 8                 | 3850                             |
| 16(18.4)              | 3900         | 12.5×21          | 7500              | 0.12           | 8                 | 4000                             |
| 25(28.8)              | 10           | 5×5.8            | 500               | 0.08           | 40                | 750                              |
| 25(28.8)              | 10           | 6.3×5.8          | 500               | 0.08           | 40                | 900                              |
| 25(28.8)              | 15           | 5×5.8            | 500               | 0.08           | 40                | 750                              |
| 25(28.8)              | 22           | 5×5.8            | 500               | 0.08           | 40                | 750                              |
| 25(28.8)              | 33           | 5×5.8            | 500               | 0.08           | 40                | 750                              |
| 25(28.8)              | 39           | 5×5.8            | 500               | 0.08           | 40                | 750                              |
| 25(28.8)              | 47           | 5×5.8            | 500               | 0.08           | 40                | 750                              |
| 25(28.8)              | 47           | 8×7.7            | 500               | 0.08           | 30                | 1250                             |
| 25(28.8)              | 68           | 5×7.7            | 500               | 0.08           | 30                | 1000                             |
| 25(28.8)              | 68           | 6.3×5.8          | 500               | 0.08           | 40                | 900                              |
| 25(28.8)              | 100          | 5×9.5            | 500               | 0.08           | 30                | 1100                             |
| 25(28.8)              | 100          | 6.3×5.8          | 500               | 0.08           | 40                | 900                              |
| 25(28.8)              | 100          | 6.3×7.7          | 500               | 0.08           | 20                | 1450                             |
| 25(28.8)              | 150          | 6.3×8.5          | 750               | 0.08           | 16                | 1600                             |
| 25(28.8)              | 180          | 6.3×8.5          | 900               | 0.08           | 16                | 1600                             |
| 25(28.8)              | 180          | 8×7.7            | 900               | 0.08           | 30                | 1250                             |
| 25(28.8)              | 220          | 5×13             | 1100              | 0.08           | 20                | 1250                             |
| 25(28.8)              | 220          | 6.3×5.8          | 1100              | 0.08           | 40                | 900                              |
| 25(28.8)              | 220          | 6.3×7.7          | 1100              | 0.08           | 20                | 1450                             |
| 25(28.8)              | 220          | 6.3×9.5          | 1100              | 0.08           | 20                | 1600                             |
| 25(28.8)              | 220          | 8×7.7            | 1100              | 0.08           | 30                | 1250                             |
| 25(28.8)              | 270          | 8×12.5           | 1350              | 0.08           | 16                | 2000                             |



# VPT

## ■ 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 $\times$ 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/125 $^{\circ}$ C100kHz) |
|-----------------------|--------------------|---------------------------------|-------------------------|-----------------------|----------------------------|---------------------------------------------|
| 25(28.8)              | 330                | 5 $\times$ 15.5                 | 1650                    | 0.08                  | 20                         | 1350                                        |
| 25(28.8)              | 330                | 6.3 $\times$ 9.5                | 1650                    | 0.08                  | 20                         | 1600                                        |
| 25(28.8)              | 330                | 8 $\times$ 10                   | 1650                    | 0.08                  | 16                         | 1850                                        |
| 25(28.8)              | 330                | 10 $\times$ 8.5                 | 1650                    | 0.08                  | 16                         | 1900                                        |
| 25(28.8)              | 470                | 8 $\times$ 12.5                 | 2350                    | 0.08                  | 16                         | 2000                                        |
| 25(28.8)              | 470                | 8 $\times$ 15                   | 2350                    | 0.08                  | 16                         | 2200                                        |
| 25(28.8)              | 470                | 10 $\times$ 9.5                 | 2350                    | 0.08                  | 16                         | 1950                                        |
| 25(28.8)              | 560                | 8 $\times$ 12.5                 | 2800                    | 0.08                  | 16                         | 2000                                        |
| 25(28.8)              | 560                | 8 $\times$ 15                   | 2800                    | 0.08                  | 16                         | 2200                                        |
| 25(28.8)              | 560                | 10 $\times$ 10.5                | 2800                    | 0.08                  | 16                         | 2050                                        |
| 25(28.8)              | 680                | 8 $\times$ 15                   | 3400                    | 0.08                  | 16                         | 2200                                        |
| 25(28.8)              | 680                | 10 $\times$ 12.5                | 3400                    | 0.08                  | 16                         | 2150                                        |
| 25(28.8)              | 820                | 8 $\times$ 16.5                 | 4100                    | 0.08                  | 16                         | 2300                                        |
| 25(28.8)              | 820                | 10 $\times$ 15.5                | 4100                    | 0.08                  | 16                         | 2250                                        |
| 25(28.8)              | 1000               | 10 $\times$ 17                  | 5000                    | 0.08                  | 16                         | 2400                                        |
| 25(28.8)              | 1000               | 12.5 $\times$ 13.5              | 5000                    | 0.08                  | 16                         | 2400                                        |
| 25(28.8)              | 1500               | 10 $\times$ 19.5                | 7500                    | 0.09                  | 16                         | 2550                                        |
| 25(28.8)              | 1500               | 12.5 $\times$ 15                | 7500                    | 0.09                  | 16                         | 2550                                        |
| 25(28.8)              | 1800               | 10 $\times$ 22                  | 7500                    | 0.09                  | 16                         | 2750                                        |
| 25(28.8)              | 1800               | 12.5 $\times$ 17                | 7500                    | 0.09                  | 16                         | 2700                                        |
| 25(28.8)              | 2200               | 12.5 $\times$ 18.5              | 7500                    | 0.10                  | 16                         | 2800                                        |
| 25(28.8)              | 2700               | 12.5 $\times$ 21                | 7500                    | 0.10                  | 16                         | 3000                                        |
| 35(41)                | 10                 | 5 $\times$ 5.8                  | 500                     | 0.12                  | 60                         | 650                                         |
| 35(41)                | 15                 | 5 $\times$ 5.8                  | 500                     | 0.12                  | 60                         | 650                                         |
| 35(41)                | 22                 | 5 $\times$ 5.8                  | 500                     | 0.12                  | 60                         | 650                                         |
| 35(41)                | 33                 | 5 $\times$ 5.8                  | 500                     | 0.12                  | 60                         | 650                                         |
| 35(41)                | 39                 | 5 $\times$ 7.7                  | 500                     | 0.12                  | 50                         | 800                                         |
| 35(41)                | 39                 | 6.3 $\times$ 5.8                | 500                     | 0.12                  | 60                         | 700                                         |
| 35(41)                | 47                 | 5 $\times$ 7.7                  | 500                     | 0.12                  | 50                         | 800                                         |
| 35(41)                | 47                 | 6.3 $\times$ 5.8                | 500                     | 0.12                  | 60                         | 700                                         |
| 35(41)                | 56                 | 5 $\times$ 7.7                  | 500                     | 0.12                  | 50                         | 800                                         |
| 35(41)                | 56                 | 6.3 $\times$ 5.8                | 500                     | 0.12                  | 60                         | 700                                         |
| 35(41)                | 68                 | 5 $\times$ 8.5                  | 500                     | 0.12                  | 50                         | 850                                         |
| 35(41)                | 68                 | 6.3 $\times$ 5.8                | 500                     | 0.12                  | 60                         | 700                                         |
| 35(41)                | 82                 | 5 $\times$ 9.5                  | 574                     | 0.12                  | 50                         | 900                                         |
| 35(41)                | 82                 | 6.3 $\times$ 7.7                | 574                     | 0.12                  | 50                         | 900                                         |
| 35(41)                | 82                 | 8 $\times$ 7.7                  | 574                     | 0.12                  | 60                         | 900                                         |
| 35(41)                | 100                | 6.3 $\times$ 5.8                | 700                     | 0.12                  | 60                         | 700                                         |
| 35(41)                | 100                | 6.3 $\times$ 7.7                | 700                     | 0.12                  | 50                         | 900                                         |
| 35(41)                | 120                | 6.3 $\times$ 7.7                | 840                     | 0.12                  | 50                         | 900                                         |
| 35(41)                | 120                | 6.3 $\times$ 8.5                | 840                     | 0.12                  | 50                         | 950                                         |
| 35(41)                | 120                | 8 $\times$ 7.7                  | 840                     | 0.12                  | 60                         | 900                                         |
| 35(41)                | 150                | 6.3 $\times$ 9.5                | 1050                    | 0.12                  | 50                         | 1000                                        |



# VPT

## ■ 标准品一览表

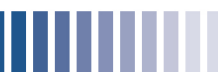
| 额定电压<br>(浪涌电压)<br>(V) | 标称容量<br>(μF) | 产品尺寸<br>ΦD×L(mm) | L.C.<br>(μA,2min) | Tan δ<br>120Hz | ESR<br>(mΩ100kHz) | 额定纹波电流<br>(mA r.m.s/125°C100kHz) |
|-----------------------|--------------|------------------|-------------------|----------------|-------------------|----------------------------------|
| 35(41)                | 150          | 8×7.7            | 1050              | 0.12           | 60                | 900                              |
| 35(41)                | 180          | 6.3×11           | 1260              | 0.12           | 40                | 1150                             |
| 35(41)                | 180          | 8×7.7            | 1260              | 0.12           | 60                | 900                              |
| 35(41)                | 220          | 6.3×9.5          | 1540              | 0.12           | 50                | 1000                             |
| 35(41)                | 220          | 6.3×12           | 1540              | 0.12           | 40                | 1200                             |
| 35(41)                | 220          | 8×9              | 1540              | 0.12           | 50                | 1150                             |
| 35(41)                | 220          | 10×8.5           | 1540              | 0.12           | 50                | 1400                             |
| 35(41)                | 330          | 8×12.5           | 2310              | 0.12           | 30                | 1300                             |
| 35(41)                | 330          | 10×8.5           | 2310              | 0.12           | 50                | 1400                             |
| 35(41)                | 390          | 8×13.5           | 2730              | 0.12           | 30                | 1450                             |
| 35(41)                | 390          | 10×10.5          | 2730              | 0.12           | 50                | 1800                             |
| 35(41)                | 470          | 8×15             | 3290              | 0.12           | 20                | 1950                             |
| 35(41)                | 470          | 10×13.5          | 3290              | 0.12           | 30                | 1850                             |
| 35(41)                | 560          | 8×16.5           | 3920              | 0.12           | 20                | 2050                             |
| 35(41)                | 560          | 10×13.5          | 3920              | 0.12           | 30                | 1850                             |
| 35(41)                | 680          | 10×15.5          | 4760              | 0.12           | 20                | 2050                             |
| 35(41)                | 820          | 10×17            | 5740              | 0.12           | 20                | 2200                             |
| 35(41)                | 820          | 12.5×13.5        | 5740              | 0.12           | 30                | 2150                             |
| 35(41)                | 1000         | 10×19.5          | 7000              | 0.08           | 20                | 2300                             |
| 35(41)                | 1000         | 12.5×15          | 7000              | 0.12           | 30                | 2300                             |
| 35(41)                | 1200         | 10×22            | 7500              | 0.08           | 20                | 2400                             |
| 35(41)                | 1200         | 12.5×17          | 7500              | 0.12           | 20                | 2400                             |
| 35(41)                | 1500         | 12.5×18.5        | 7500              | 0.13           | 20                | 2550                             |
| 35(41)                | 1800         | 12.5×21          | 7500              | 0.13           | 20                | 2650                             |
| 50(58)                | 10           | 5×5.8            | 500               | 0.12           | 60                | 650                              |
| 50(58)                | 12           | 5×5.8            | 500               | 0.12           | 60                | 650                              |
| 50(58)                | 15           | 5×5.8            | 500               | 0.12           | 60                | 650                              |
| 50(58)                | 18           | 5×7.7            | 500               | 0.12           | 60                | 700                              |
| 50(58)                | 18           | 6.3×5.8          | 500               | 0.12           | 60                | 750                              |
| 50(58)                | 22           | 5×7.7            | 500               | 0.12           | 60                | 700                              |
| 50(58)                | 22           | 6.3×5.8          | 500               | 0.12           | 60                | 750                              |
| 50(58)                | 33           | 5×9.5            | 500               | 0.12           | 50                | 850                              |
| 50(58)                | 33           | 6.3×7.7          | 500               | 0.12           | 60                | 750                              |
| 50(58)                | 39           | 5×9.5            | 500               | 0.12           | 50                | 850                              |
| 50(58)                | 39           | 6.3×7.7          | 500               | 0.12           | 60                | 750                              |
| 50(58)                | 47           | 6.3×7.7          | 500               | 0.12           | 60                | 750                              |
| 50(58)                | 47           | 6.3×8.5          | 500               | 0.12           | 50                | 950                              |
| 50(58)                | 47           | 8×7.7            | 500               | 0.12           | 60                | 900                              |
| 50(58)                | 56           | 6.3×9.5          | 560               | 0.12           | 50                | 1000                             |
| 50(58)                | 56           | 8×7.7            | 560               | 0.12           | 60                | 900                              |
| 50(58)                | 68           | 6.3×11           | 680               | 0.12           | 40                | 1000                             |
| 50(58)                | 68           | 8×7.7            | 680               | 0.12           | 60                | 900                              |
| 50(58)                | 82           | 6.3×12           | 820               | 0.12           | 40                | 1200                             |



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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 $\times$ 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/125 $^{\circ}$ C100kHz) |
|-----------------------|--------------------|---------------------------------|-------------------------|-----------------------|----------------------------|---------------------------------------------|
| 50(58)                | 82                 | 8 $\times$ 9                    | 820                     | 0.12                  | 50                         | 1150                                        |
| 50(58)                | 100                | 8 $\times$ 10                   | 1000                    | 0.12                  | 50                         | 1200                                        |
| 50(58)                | 100                | 10 $\times$ 8.5                 | 1000                    | 0.12                  | 60                         | 1000                                        |
| 50(58)                | 120                | 8 $\times$ 12.5                 | 1200                    | 0.12                  | 50                         | 1250                                        |
| 50(58)                | 120                | 10 $\times$ 8.5                 | 1200                    | 0.12                  | 60                         | 1000                                        |
| 50(58)                | 150                | 8 $\times$ 13.5                 | 1500                    | 0.12                  | 50                         | 1300                                        |
| 50(58)                | 150                | 10 $\times$ 8.5                 | 1500                    | 0.12                  | 60                         | 1000                                        |
| 50(58)                | 180                | 8 $\times$ 15                   | 1800                    | 0.12                  | 40                         | 1400                                        |
| 50(58)                | 180                | 10 $\times$ 9.5                 | 1800                    | 0.12                  | 50                         | 1100                                        |
| 50(58)                | 220                | 8 $\times$ 16.5                 | 2200                    | 0.12                  | 30                         | 1750                                        |
| 50(58)                | 220                | 10 $\times$ 13.5                | 2200                    | 0.12                  | 40                         | 1600                                        |
| 50(58)                | 270                | 10 $\times$ 14.5                | 2700                    | 0.12                  | 40                         | 1650                                        |
| 50(58)                | 330                | 10 $\times$ 17                  | 3300                    | 0.12                  | 30                         | 1750                                        |
| 50(58)                | 390                | 10 $\times$ 19.5                | 3900                    | 0.12                  | 30                         | 1750                                        |
| 50(58)                | 390                | 12.5 $\times$ 15                | 3900                    | 0.12                  | 40                         | 1600                                        |
| 50(58)                | 470                | 10 $\times$ 22                  | 4700                    | 0.12                  | 30                         | 2000                                        |
| 50(58)                | 470                | 12.5 $\times$ 15                | 4700                    | 0.12                  | 40                         | 1600                                        |
| 50(58)                | 560                | 12.5 $\times$ 17                | 5600                    | 0.12                  | 30                         | 1950                                        |
| 50(58)                | 680                | 12.5 $\times$ 21                | 6800                    | 0.12                  | 30                         | 2150                                        |
| 50(58)                | 820                | 12.5 $\times$ 21                | 7500                    | 0.12                  | 30                         | 2150                                        |
| 63(73)                | 6.8                | 5 $\times$ 5.8                  | 500                     | 0.12                  | 60                         | 650                                         |
| 63(73)                | 8.2                | 5 $\times$ 5.8                  | 500                     | 0.12                  | 60                         | 650                                         |
| 63(73)                | 10                 | 5 $\times$ 7.7                  | 500                     | 0.12                  | 60                         | 650                                         |
| 63(73)                | 10                 | 6.3 $\times$ 8.5                | 500                     | 0.12                  | 50                         | 900                                         |
| 63(73)                | 15                 | 5 $\times$ 7.7                  | 500                     | 0.12                  | 60                         | 650                                         |
| 63(73)                | 15                 | 6.3 $\times$ 5.8                | 500                     | 0.12                  | 60                         | 750                                         |
| 63(73)                | 22                 | 5 $\times$ 9.5                  | 500                     | 0.12                  | 50                         | 850                                         |
| 63(73)                | 22                 | 6.3 $\times$ 7.7                | 500                     | 0.12                  | 60                         | 900                                         |
| 63(73)                | 27                 | 6.3 $\times$ 5.8                | 500                     | 0.12                  | 60                         | 750                                         |
| 63(73)                | 33                 | 6.3 $\times$ 8.5                | 500                     | 0.12                  | 50                         | 900                                         |
| 63(73)                | 33                 | 8 $\times$ 7.7                  | 500                     | 0.12                  | 60                         | 850                                         |
| 63(73)                | 33                 | 8 $\times$ 10.5                 | 500                     | 0.12                  | 50                         | 1150                                        |
| 63(73)                | 39                 | 6.3 $\times$ 9.5                | 500                     | 0.12                  | 50                         | 1000                                        |
| 63(73)                | 39                 | 8 $\times$ 7.7                  | 500                     | 0.12                  | 60                         | 850                                         |
| 63(73)                | 47                 | 6.3 $\times$ 11                 | 592                     | 0.12                  | 40                         | 1000                                        |
| 63(73)                | 47                 | 8 $\times$ 9                    | 592                     | 0.12                  | 60                         | 1150                                        |
| 63(73)                | 56                 | 8 $\times$ 9                    | 706                     | 0.12                  | 60                         | 1150                                        |
| 63(73)                | 56                 | 8 $\times$ 12.5                 | 706                     | 0.12                  | 50                         | 1200                                        |
| 63(73)                | 56                 | 10 $\times$ 8.5                 | 706                     | 0.12                  | 60                         | 1050                                        |
| 63(73)                | 68                 | 8 $\times$ 10                   | 857                     | 0.12                  | 50                         | 1150                                        |
| 63(73)                | 68                 | 8 $\times$ 12.5                 | 857                     | 0.12                  | 50                         | 1200                                        |
| 63(73)                | 68                 | 10 $\times$ 8.5                 | 857                     | 0.12                  | 60                         | 1050                                        |
| 63(73)                | 82                 | 8 $\times$ 12.5                 | 1033                    | 0.12                  | 50                         | 1200                                        |



# VPT

## ■ 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 $\times$ 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/125 $^{\circ}$ C100kHz) |
|-----------------------|--------------------|---------------------------------|-------------------------|-----------------------|----------------------------|---------------------------------------------|
| 63(73)                | 82                 | 10 $\times$ 9.5                 | 1033                    | 0.12                  | 50                         | 1100                                        |
| 63(73)                | 100                | 8 $\times$ 13.5                 | 1260                    | 0.12                  | 50                         | 1200                                        |
| 63(73)                | 100                | 10 $\times$ 10.5                | 1260                    | 0.12                  | 50                         | 1100                                        |
| 63(73)                | 120                | 10 $\times$ 13.5                | 1512                    | 0.12                  | 50                         | 1350                                        |
| 63(73)                | 150                | 10 $\times$ 14.5                | 1890                    | 0.12                  | 40                         | 1400                                        |
| 63(73)                | 180                | 10 $\times$ 15.5                | 2268                    | 0.12                  | 30                         | 1650                                        |
| 63(73)                | 220                | 10 $\times$ 17                  | 2772                    | 0.12                  | 30                         | 1700                                        |
| 63(73)                | 220                | 12.5 $\times$ 13.5              | 2772                    | 0.12                  | 40                         | 1550                                        |
| 63(73)                | 270                | 10 $\times$ 22                  | 3402                    | 0.12                  | 30                         | 2000                                        |
| 63(73)                | 270                | 12.5 $\times$ 15                | 3402                    | 0.12                  | 40                         | 1600                                        |
| 63(73)                | 330                | 10 $\times$ 19.5                | 4158                    | 0.12                  | 30                         | 1750                                        |
| 63(73)                | 330                | 10 $\times$ 22                  | 4158                    | 0.12                  | 30                         | 2000                                        |
| 63(73)                | 330                | 12.5 $\times$ 17                | 4158                    | 0.12                  | 30                         | 1950                                        |
| 63(73)                | 390                | 12.5 $\times$ 18.5              | 4914                    | 0.12                  | 30                         | 2050                                        |
| 63(73)                | 470                | 12.5 $\times$ 21                | 5922                    | 0.12                  | 30                         | 2150                                        |
| 80(92)                | 4.7                | 5 $\times$ 5.8                  | 500                     | 0.12                  | 60                         | 650                                         |
| 80(92)                | 6.8                | 5 $\times$ 5.8                  | 500                     | 0.12                  | 60                         | 650                                         |
| 80(92)                | 8.2                | 5 $\times$ 7.7                  | 500                     | 0.12                  | 60                         | 650                                         |
| 80(92)                | 10                 | 5 $\times$ 7.7                  | 500                     | 0.12                  | 60                         | 650                                         |
| 80(92)                | 10                 | 6.3 $\times$ 5.8                | 500                     | 0.12                  | 60                         | 750                                         |
| 80(92)                | 15                 | 5 $\times$ 9.5                  | 500                     | 0.12                  | 50                         | 850                                         |
| 80(92)                | 15                 | 6.3 $\times$ 7.7                | 500                     | 0.12                  | 50                         | 900                                         |
| 80(92)                | 22                 | 6.3 $\times$ 8.5                | 500                     | 0.12                  | 50                         | 900                                         |
| 80(92)                | 22                 | 8 $\times$ 7.7                  | 500                     | 0.12                  | 60                         | 850                                         |
| 80(92)                | 33                 | 6.3 $\times$ 11                 | 528                     | 0.12                  | 40                         | 1000                                        |
| 80(92)                | 33                 | 8 $\times$ 7.7                  | 528                     | 0.12                  | 60                         | 850                                         |
| 80(92)                | 39                 | 6.3 $\times$ 12                 | 624                     | 0.12                  | 40                         | 1200                                        |
| 80(92)                | 39                 | 8 $\times$ 9                    | 624                     | 0.12                  | 50                         | 1000                                        |
| 80(92)                | 47                 | 8 $\times$ 10                   | 752                     | 0.12                  | 50                         | 1000                                        |
| 80(92)                | 47                 | 10 $\times$ 8.5                 | 752                     | 0.12                  | 60                         | 950                                         |
| 80(92)                | 56                 | 8 $\times$ 12.5                 | 896                     | 0.12                  | 50                         | 1100                                        |
| 80(92)                | 56                 | 10 $\times$ 9.5                 | 896                     | 0.12                  | 50                         | 1050                                        |
| 80(92)                | 68                 | 8 $\times$ 12.5                 | 1088                    | 0.12                  | 50                         | 1100                                        |
| 80(92)                | 68                 | 10 $\times$ 9.5                 | 1088                    | 0.12                  | 50                         | 1050                                        |
| 80(92)                | 82                 | 8 $\times$ 15                   | 1312                    | 0.12                  | 40                         | 1300                                        |
| 80(92)                | 82                 | 10 $\times$ 10.5                | 1312                    | 0.12                  | 50                         | 1150                                        |
| 80(92)                | 100                | 8 $\times$ 16.5                 | 1600                    | 0.12                  | 30                         | 1600                                        |
| 80(92)                | 100                | 10 $\times$ 13.5                | 1600                    | 0.12                  | 40                         | 1350                                        |
| 80(92)                | 120                | 10 $\times$ 15.5                | 1920                    | 0.12                  | 40                         | 1400                                        |
| 80(92)                | 150                | 10 $\times$ 17                  | 2400                    | 0.12                  | 30                         | 1550                                        |
| 80(92)                | 150                | 12.5 $\times$ 13.5              | 2400                    | 0.12                  | 40                         | 1500                                        |
| 80(92)                | 180                | 10 $\times$ 19.5                | 2880                    | 0.12                  | 30                         | 1750                                        |
| 80(92)                | 180                | 12.5 $\times$ 15                | 2880                    | 0.12                  | 40                         | 1600                                        |





VPT

■ 标准品一览表

| 额定电压<br>(浪涌电压)<br>(V) | 标称容量<br>(μF) | 产品尺寸<br>ΦD×L(mm) | L.C.<br>(μA,2min) | Tan δ<br>120Hz | ESR<br>(mΩ100kHz) | 额定纹波电流<br>(mA r.m.s/125℃100kHz) |
|-----------------------|--------------|------------------|-------------------|----------------|-------------------|---------------------------------|
| 80(92)                | 220          | 10×22            | 3520              | 0.12           | 30                | 2000                            |
| 80(92)                | 220          | 12.5×17          | 3520              | 0.12           | 30                | 1950                            |
| 80(92)                | 270          | 12.5×18.5        | 4320              | 0.12           | 30                | 2050                            |
| 80(92)                | 330          | 12.5×21          | 5280              | 0.12           | 30                | 2150                            |
| 100(115)              | 2.2          | 5×5.8            | 500               | 0.12           | 60                | 650                             |
| 100(115)              | 3.3          | 5×5.8            | 500               | 0.12           | 60                | 650                             |
| 100(115)              | 4.7          | 5×7.7            | 500               | 0.12           | 60                | 650                             |
| 100(115)              | 4.7          | 6.3×5.8          | 500               | 0.12           | 80                | 650                             |
| 100(115)              | 5.6          | 5×7.7            | 500               | 0.12           | 60                | 650                             |
| 100(115)              | 5.6          | 6.3×5.8          | 500               | 0.12           | 80                | 650                             |
| 100(115)              | 6.8          | 5×8.5            | 500               | 0.12           | 60                | 750                             |
| 100(115)              | 6.8          | 6.3×5.8          | 500               | 0.12           | 80                | 650                             |
| 100(115)              | 8.2          | 5×9.5            | 500               | 0.12           | 60                | 850                             |
| 100(115)              | 8.2          | 6.3×7.7          | 500               | 0.12           | 60                | 750                             |
| 100(115)              | 10           | 6.3×5.8          | 500               | 0.12           | 80                | 650                             |
| 100(115)              | 10           | 6.3×7.7          | 500               | 0.12           | 60                | 750                             |
| 100(115)              | 12           | 6.3×8.5          | 500               | 0.12           | 50                | 900                             |
| 100(115)              | 15           | 6.3×9.5          | 500               | 0.12           | 50                | 950                             |
| 100(115)              | 15           | 8×7.7            | 500               | 0.12           | 60                | 850                             |
| 100(115)              | 18           | 6.3×11           | 500               | 0.12           | 50                | 950                             |
| 100(115)              | 18           | 8×9              | 500               | 0.12           | 60                | 1000                            |
| 100(115)              | 22           | 8×9              | 500               | 0.12           | 60                | 1000                            |
| 100(115)              | 22           | 10×10.5          | 500               | 0.12           | 50                | 1150                            |
| 100(115)              | 22           | 10×13            | 500               | 0.12           | 50                | 1200                            |
| 100(115)              | 27           | 8×12.5           | 540               | 0.12           | 50                | 1000                            |
| 100(115)              | 27           | 10×8.5           | 540               | 0.12           | 60                | 950                             |
| 100(115)              | 33           | 8×12.5           | 660               | 0.12           | 50                | 1000                            |
| 100(115)              | 33           | 10×9.5           | 660               | 0.12           | 50                | 1050                            |
| 100(115)              | 39           | 8×15             | 780               | 0.12           | 50                | 1100                            |
| 100(115)              | 39           | 10×9.5           | 780               | 0.12           | 50                | 1050                            |
| 100(115)              | 47           | 10×10.5          | 940               | 0.12           | 50                | 1150                            |
| 100(115)              | 56           | 10×13.5          | 1120              | 0.12           | 50                | 1200                            |
| 100(115)              | 68           | 10×17            | 1360              | 0.12           | 50                | 1250                            |
| 100(115)              | 82           | 10×19.5          | 1640              | 0.12           | 40                | 1400                            |
| 100(115)              | 82           | 12.5×13.5        | 1640              | 0.12           | 50                | 1400                            |
| 100(115)              | 100          | 10×22            | 2000              | 0.12           | 40                | 1600                            |
| 100(115)              | 100          | 12.5×15          | 2000              | 0.12           | 50                | 1450                            |
| 100(115)              | 120          | 10×22            | 2400              | 0.12           | 40                | 1650                            |
| 100(115)              | 120          | 12.5×17          | 2400              | 0.12           | 40                | 1650                            |
| 100(115)              | 150          | 12.5×18.5        | 3000              | 0.12           | 40                | 1800                            |
| 100(115)              | 180          | 12.5×21          | 3600              | 0.12           | 40                | 1900                            |