



NPX

- ◆高可靠性 低ESR 高容许纹波电流
- ◆105°C 2000小时保证
- ◆已应对RoHS指令
- ◆小型化品

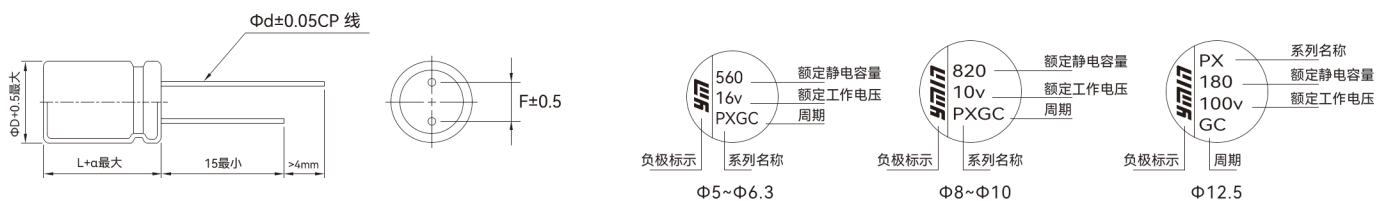


主要技术参数

| 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2000小时, 并在20°C下放置16小时后, 产品应满足 | | | | | | | | |
| | <table border="1"> <tr> <td>静电容量变化率</td> <td>初始值的±20%</td> </tr> <tr> <td>等效串联电阻(ESR)</td> <td>≤初始规格值的150%</td> </tr> <tr> <td>损耗角正切值</td> <td>≤初始规格值的150%</td> </tr> <tr> <td>漏电流</td> <td>≤初始规格值</td> </tr> </table> | 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 |
| | 静电容量变化率 | 初始值的±20% | | | | | | | |
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| | 损耗角正切值 | ≤初始规格值的150% | | | | | | | |
| 漏电流 | ≤初始规格值 | | | | | | | | |
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| 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 | | | | | | | | |
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| 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%RH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 | | | | | | | | |
| <table border="1"> <tr> <td>静电容量变化率</td> <td>初始值的±20%</td> </tr> <tr> <td>等效串联电阻(ESR)</td> <td>≤初始规格值的150%</td> </tr> <tr> <td>损耗角正切值</td> <td>≤初始规格值的150%</td> </tr> <tr> <td>漏电流</td> <td>≤初始规格值</td> </tr> </table> | 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 | |
| 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。

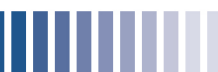
产品尺寸图 (单位: mm)



| | | | | | | |
|-----------|-----------|-----------|-----------|-----|-----|------|
| 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 |
| a | +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 (浪涌电压) (V) | 标称容量 (μ F) | 产品尺寸 Φ D×L(mm) | L.C. (μ A,2min) | Tan δ 120Hz | ESR (m Ω 100kHz) | 额定纹波电流 (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 | 5×7 | 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 | 5.5×7 | 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 | 6.3×7.5 | 1033 | 0.08 | 8 | 4900 |
| 6.3(7.2) | 820 | 6.3×9 | 1033 | 0.08 | 8 | 5250 |
| 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 | 10×11 | 3150 | 0.11 | 8 | 6500 |
| 6.3(7.2) | 2700 | 10×11 | 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 (浪涌电压) (V) | 标称容量 (μ F) | 产品尺寸 Φ D \times L(mm) | L.C. (μ A,2min) | Tan δ 120Hz | ESR (m Ω 100kHz) | 额定纹波电流 (mA r.m.s/105 $^{\circ}$ C100kHz) |
|-----------------------|--------------------|---------------------------------|-------------------------|-----------------------|----------------------------|---|
| 6.3(7.2) | 5600 | 12.5 \times 14 | 7056 | 0.17 | 8 | 7900 |
| 6.3(7.2) | 6800 | 10 \times 21 | 7500 | 0.20 | 7 | 9100 |
| 6.3(7.2) | 6800 | 12.5 \times 16 | 7500 | 0.20 | 7 | 8950 |
| 6.3(7.2) | 8200 | 12.5 \times 18 | 7500 | 0.22 | 7 | 9450 |
| 6.3(7.2) | 10000 | 12.5 \times 20 | 7500 | 0.26 | 7 | 9850 |
| 7.5(8.6) | 270 | 5 \times 7 | 405 | 0.08 | 12 | 3400 |
| 7.5(8.6) | 270 | 6.3 \times 5.7 | 405 | 0.08 | 18 | 2800 |
| 7.5(8.6) | 330 | 5 \times 9 | 495 | 0.08 | 12 | 3800 |
| 7.5(8.6) | 330 | 6.3 \times 5.7 | 495 | 0.08 | 12 | 3700 |
| 7.5(8.6) | 390 | 5 \times 10 | 585 | 0.08 | 10 | 4350 |
| 7.5(8.6) | 390 | 6.3 \times 7 | 585 | 0.08 | 12 | 3900 |
| 7.5(8.6) | 470 | 5 \times 9 | 705 | 0.08 | 12 | 3850 |
| 7.5(8.6) | 470 | 5 \times 11 | 705 | 0.08 | 10 | 4500 |
| 7.5(8.6) | 470 | 6.3 \times 8 | 705 | 0.08 | 12 | 4100 |
| 7.5(8.6) | 560 | 6.3 \times 9 | 840 | 0.08 | 9 | 5000 |
| 7.5(8.6) | 680 | 6.3 \times 10 | 1020 | 0.08 | 8 | 5500 |
| 7.5(8.6) | 680 | 8 \times 7 | 1020 | 0.08 | 12 | 4200 |
| 7.5(8.6) | 820 | 6.3 \times 11 | 1230 | 0.08 | 8 | 5700 |
| 7.5(8.6) | 820 | 8 \times 8 | 1230 | 0.08 | 8 | 5600 |
| 7.5(8.6) | 1000 | 6.3 \times 11 | 1500 | 0.08 | 8 | 5900 |
| 7.5(8.6) | 1000 | 8 \times 9 | 1500 | 0.08 | 8 | 5800 |
| 10(11.5) | 47 | 5 \times 5.7 | 300 | 0.08 | 30 | 1900 |
| 10(11.5) | 47 | 6.3 \times 4.2 | 300 | 0.08 | 30 | 2100 |
| 10(11.5) | 68 | 5 \times 5.7 | 300 | 0.08 | 30 | 1900 |
| 10(11.5) | 68 | 6.3 \times 4.2 | 300 | 0.08 | 30 | 2100 |
| 10(11.5) | 82 | 5 \times 5.7 | 300 | 0.08 | 30 | 1900 |
| 10(11.5) | 82 | 6.3 \times 4.2 | 300 | 0.08 | 30 | 2100 |
| 10(11.5) | 100 | 5 \times 5.7 | 300 | 0.08 | 30 | 1900 |
| 10(11.5) | 100 | 6.3 \times 4.2 | 300 | 0.08 | 30 | 2100 |
| 10(11.5) | 150 | 5 \times 7 | 300 | 0.08 | 15 | 3050 |
| 10(11.5) | 150 | 6.3 \times 5.7 | 300 | 0.08 | 30 | 2200 |
| 10(11.5) | 180 | 5 \times 7 | 360 | 0.08 | 15 | 3050 |
| 10(11.5) | 180 | 6.3 \times 5.7 | 360 | 0.08 | 30 | 2200 |
| 10(11.5) | 220 | 5 \times 7 | 440 | 0.08 | 15 | 3050 |
| 10(11.5) | 220 | 6.3 \times 5.7 | 440 | 0.08 | 30 | 2200 |
| 10(11.5) | 270 | 5 \times 10 | 540 | 0.08 | 12 | 3950 |
| 10(11.5) | 270 | 6.3 \times 5.7 | 540 | 0.08 | 16 | 3200 |
| 10(11.5) | 330 | 5 \times 11 | 660 | 0.08 | 12 | 4100 |
| 10(11.5) | 330 | 6.3 \times 7 | 660 | 0.08 | 16 | 3200 |
| 10(11.5) | 390 | 6.3 \times 7 | 780 | 0.08 | 12 | 3900 |
| 10(11.5) | 470 | 6.3 \times 8 | 940 | 0.08 | 12 | 4300 |
| 10(11.5) | 470 | 8 \times 7 | 940 | 0.08 | 30 | 2550 |
| 10(11.5) | 560 | 6.3 \times 10 | 1120 | 0.08 | 10 | 4900 |



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■ 标准品一览表

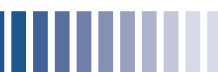
| 额定电压 (浪涌电压) (V) | 标称容量 (μ F) | 产品尺寸 Φ D×L(mm) | L.C. (μ A,2min) | Tan δ 120Hz | ESR (m Ω 100kHz) | 额定纹波电流 (mA r.m.s/105°C100kHz) |
|-----------------------|--------------------|------------------------|-------------------------|-----------------------|----------------------------|----------------------------------|
| 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 | 4500 |
| 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 | 0.13 | 8 | 8400 |
| 10(11.5) | 3900 | 12.5×16 | 7500 | 0.13 | 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 | 5.5×9 | 936 | 0.08 | 15 | 3450 |
| 12(13.8) | 390 | 5×11 | 936 | 0.08 | 12 | 4100 |
| 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 | 8×9 | 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 (浪涌电压) (V) | 标称容量 (μF) | 产品尺寸 $\Phi\text{D}\times\text{L}$ (mm) | L.C. ($\mu\text{A}, 2\text{min}$) | Tan δ 120Hz | ESR ($\text{m}\Omega 100\text{kHz}$) | 额定纹波电流 ($\text{mA r.m.s}/105^\circ\text{C}100\text{kHz}$) |
|-----------------------|---------------------------|---|--|-----------------------|---|--|
| 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 | 5×5.7 | 300 | 0.08 | 30 | 1900 |
| 16(18.4) | 82 | 6.3×4.2 | 300 | 0.08 | 30 | 2100 |
| 16(18.4) | 100 | 5×5.7 | 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 | 5×7 | 480 | 0.08 | 30 | 2200 |
| 16(18.4) | 150 | 6.3×5.7 | 480 | 0.08 | 30 | 2200 |
| 16(18.4) | 220 | 5×9 | 704 | 0.08 | 12 | 3950 |
| 16(18.4) | 220 | 5×10 | 704 | 0.08 | 12 | 3950 |
| 16(18.4) | 220 | 6.3×5.7 | 704 | 0.08 | 20 | 2850 |
| 16(18.4) | 220 | 6.3×5.7 | 704 | 0.08 | 20 | 2850 |
| 16(18.4) | 270 | 6.3×7 | 864 | 0.08 | 15 | 3500 |
| 16(18.4) | 330 | 6.3×8 | 1056 | 0.08 | 12 | 4300 |
| 16(18.4) | 390 | 6.3×8 | 1248 | 0.08 | 12 | 4300 |
| 16(18.4) | 470 | 5.5×10 | 1504 | 0.08 | 12 | 4200 |
| 16(18.4) | 470 | 6.3×10 | 1504 | 0.08 | 10 | 4900 |
| 16(18.4) | 470 | 8×7 | 1504 | 0.08 | 20 | 3300 |
| 16(18.4) | 560 | 6.3×10 | 1792 | 0.08 | 10 | 4900 |
| 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 | 6.3×11 | 2176 | 0.08 | 10 | 5350 |
| 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 | 8×11 | 2624 | 0.08 | 10 | 5500 |
| 16(18.4) | 820 | 10×9 | 2624 | 0.08 | 12 | 4950 |
| 16(18.4) | 1000 | 8×11 | 3200 | 0.08 | 10 | 5800 |
| 16(18.4) | 1000 | 8×14 | 3200 | 0.08 | 8 | 6800 |
| 16(18.4) | 1000 | 10×10 | 3200 | 0.08 | 12 | 5200 |
| 16(18.4) | 1500 | 8×14 | 3200 | 0.09 | 12 | 8400 |
| 16(18.4) | 1500 | 10×12 | 4800 | 0.09 | 8 | 8400 |
| 16(18.4) | 1800 | 10×13 | 5760 | 0.10 | 8 | 7000 |
| 16(18.4) | 2200 | 10×15 | 7040 | 0.10 | 8 | 7500 |
| 16(18.4) | 2200 | 10×18 | 7040 | 0.10 | 8 | 7900 |
| 16(18.4) | 2200 | 12.5×14 | 7040 | 0.10 | 10 | 7100 |
| 16(18.4) | 2700 | 10×16 | 7500 | 0.11 | 8 | 7800 |
| 16(18.4) | 2700 | 10×21 | 7500 | 0.11 | 8 | 8400 |
| 16(18.4) | 2700 | 12.5×14 | 7500 | 0.11 | 10 | 7100 |
| 16(18.4) | 3300 | 10×18 | 7500 | 0.13 | 8 | 8400 |
| 16(18.4) | 3300 | 12.5×16 | 7500 | 0.13 | 8 | 8400 |
| 16(18.4) | 3900 | 12.5×18 | 7500 | 0.14 | 8 | 8800 |
| 16(18.4) | 4700 | 12.5×20 | 7500 | 0.15 | 8 | 9200 |



NPX

■ 标准品一览表

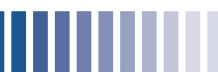
| 额定电压 (浪涌电压) (V) | 标称容量 (μ F) | 产品尺寸 Φ D×L(mm) | L.C. (μ A,2min) | Tan δ 120Hz | ESR (m Ω 100kHz) | 额定纹波电流 (mA r.m.s./105°C100kHz) |
|-----------------------|--------------------|------------------------|-------------------------|-----------------------|----------------------------|-----------------------------------|
| 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 |
| 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 | 8×11 | 2350 | 0.08 | 16 | 4200 |
| 25(28.8) | 470 | 8×14 | 2350 | 0.08 | 16 | 4800 |
| 25(28.8) | 470 | 10×9 | 2350 | 0.08 | 16 | 4300 |
| 25(28.8) | 560 | 8×11 | 2800 | 0.08 | 16 | 4400 |
| 25(28.8) | 560 | 8×14 | 2800 | 0.08 | 16 | 4800 |
| 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 | 8×14 | 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 |



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■ 标准品一览表

| 额定电压 (浪涌电压) (V) | 标称容量 (μ F) | 产品尺寸 Φ D×L(mm) | L.C. (μ A,2min) | Tan δ 120Hz | ESR (m Ω 100kHz) | 额定纹波电流 (mA r.m.s/105°C100kHz) |
|-----------------------|--------------------|------------------------|-------------------------|-----------------------|----------------------------|----------------------------------|
| 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 |
| 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 | 8×11 | 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 | 10×11 | 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 | 0.12 | 20 | 5000 |
| 35(41) | 1000 | 12.5×14 | 5000 | 0.12 | 30 | 4100 |
| 35(41) | 1200 | 10×21 | 5000 | 0.12 | 20 | 5300 |
| 35(41) | 1200 | 12.5×16 | 5000 | 0.12 | 20 | 5300 |
| 35(41) | 1500 | 12.5×18 | 5000 | 0.13 | 20 | 5600 |



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■ 标准品一览表

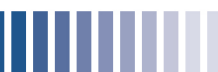
| 额定电压 (浪涌电压) (V) | 标称容量 (μ F) | 产品尺寸 Φ D×L(mm) | L.C. (μ A,2min) | Tan δ 120Hz | ESR (m Ω 100kHz) | 额定纹波电流 (mA r.m.s./105°C100kHz) |
|-----------------------|--------------------|------------------------|-------------------------|-----------------------|----------------------------|-----------------------------------|
| 35(41) | 1800 | 12.5×20 | 5000 | 0.14 | 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 |
| 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 | 5×5.7 | 300 | 0.12 | 60 | 1450 |
| 50(58) | 18 | 6.3×4.2 | 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 | 5×8 | 330 | 0.12 | 50 | 1800 |
| 50(58) | 33 | 6.3×5.7 | 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 | 6.3×7 | 470 | 0.12 | 50 | 1900 |
| 50(58) | 56 | 6.3×8 | 560 | 0.12 | 50 | 1900 |
| 50(58) | 56 | 8×7 | 560 | 0.12 | 60 | 1800 |
| 50(58) | 68 | 6.3×9 | 680 | 0.12 | 50 | 2150 |
| 50(58) | 68 | 8×7 | 680 | 0.12 | 60 | 1800 |
| 50(58) | 82 | 6.3×10 | 820 | 0.12 | 40 | 2500 |
| 50(58) | 82 | 8×7 | 820 | 0.12 | 60 | 1900 |
| 50(58) | 100 | 8×8 | 1000 | 0.12 | 50 | 2200 |
| 50(58) | 120 | 8×9 | 1200 | 0.12 | 50 | 2300 |
| 50(58) | 120 | 10×7 | 1200 | 0.12 | 60 | 2050 |
| 50(58) | 150 | 8×9 | 1500 | 0.12 | 50 | 2300 |
| 50(58) | 150 | 10×8 | 1500 | 0.12 | 50 | 2350 |
| 50(58) | 180 | 8×11 | 1800 | 0.12 | 40 | 2800 |
| 50(58) | 180 | 10×9 | 1800 | 0.12 | 50 | 2450 |
| 50(58) | 220 | 8×14 | 2200 | 0.12 | 30 | 3500 |
| 50(58) | 220 | 10×9 | 2200 | 0.12 | 50 | 2450 |
| 50(58) | 220 | 10×11 | 2200 | 0.12 | 40 | 2900 |
| 50(58) | 270 | 8×16 | 2700 | 0.12 | 30 | 3700 |
| 50(58) | 270 | 10×13 | 2700 | 0.12 | 40 | 3000 |
| 50(58) | 330 | 10×16 | 3300 | 0.12 | 30 | 3800 |
| 50(58) | 390 | 10×16 | 3900 | 0.12 | 30 | 3800 |
| 50(58) | 390 | 12.5×12.5 | 3900 | 0.12 | 40 | 3350 |
| 50(58) | 470 | 10×18 | 4700 | 0.12 | 30 | 4050 |
| 50(58) | 470 | 12.5×14 | 4700 | 0.12 | 40 | 3500 |
| 50(58) | 560 | 10×21 | 5000 | 0.12 | 30 | 4350 |
| 50(58) | 560 | 12.5×16 | 5000 | 0.12 | 30 | 4300 |
| 50(58) | 680 | 12.5×18 | 5000 | 0.12 | 60 | 4550 |
| 50(58) | 820 | 12.5×20 | 5000 | 0.12 | 60 | 4750 |



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■ 标准品一览表

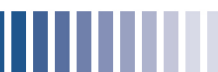
| 额定电压 (浪涌电压) (V) | 标称容量 (μ F) | 产品尺寸 Φ D×L(mm) | L.C. (μ A,2min) | Tan δ 120Hz | ESR (m Ω 100kHz) | 额定纹波电流 (mA r.m.s./105°C100kHz) |
|-----------------------|--------------------|------------------------|-------------------------|-----------------------|----------------------------|-----------------------------------|
| 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 | 5×5.7 | 300 | 0.12 | 60 | 1450 |
| 63(73) | 10 | 6.3×4.2 | 300 | 0.12 | 60 | 1400 |
| 63(73) | 15 | 5×7 | 300 | 0.12 | 60 | 1450 |
| 63(73) | 15 | 6.3×4.2 | 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 | 6.3×7 | 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 | 8×7 | 592 | 0.12 | 60 | 1900 |
| 63(73) | 56 | 8×8 | 706 | 0.12 | 50 | 2200 |
| 63(73) | 68 | 8×9 | 857 | 0.12 | 50 | 2300 |
| 63(73) | 68 | 10×7 | 857 | 0.12 | 60 | 2050 |
| 63(73) | 82 | 8×9 | 1033 | 0.12 | 50 | 2300 |
| 63(73) | 82 | 10×7 | 1033 | 0.12 | 60 | 2050 |
| 63(73) | 100 | 8×10 | 1260 | 0.12 | 40 | 2700 |
| 63(73) | 100 | 10×8 | 1260 | 0.12 | 50 | 2350 |
| 63(73) | 120 | 8×13 | 1512 | 0.12 | 40 | 3000 |
| 63(73) | 120 | 10×9 | 1512 | 0.12 | 50 | 2450 |
| 63(73) | 150 | 8×16 | 1890 | 0.12 | 30 | 3700 |
| 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 | 10×18 | 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 | 5×5.7 | 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 |



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■ 标准品一览表

| 额定电压 (浪涌电压) (V) | 标称容量 (μ F) | 产品尺寸 Φ D×L(mm) | L.C. (μ A,2min) | Tan δ 120Hz | ESR (m Ω 100kHz) | 额定纹波电流 (mA r.m.s/105°C100kHz) |
|-----------------------|--------------------|------------------------|-------------------------|-----------------------|----------------------------|----------------------------------|
| 80(92) | 10 | 6.3×4.2 | 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 | 6.3×7 | 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 |
| 80(92) | 39 | 6.3×11 | 624 | 0.12 | 40 | 2600 |
| 80(92) | 39 | 8×8 | 624 | 0.12 | 50 | 2200 |
| 80(92) | 47 | 8×8 | 752 | 0.12 | 50 | 2200 |
| 80(92) | 47 | 10×7 | 752 | 0.12 | 60 | 2050 |
| 80(92) | 56 | 8×9 | 896 | 0.12 | 50 | 2300 |
| 80(92) | 56 | 10×9 | 896 | 0.12 | 50 | 2450 |
| 80(92) | 68 | 8×10 | 1088 | 0.12 | 40 | 2700 |
| 80(92) | 68 | 10×9 | 1088 | 0.12 | 50 | 2450 |
| 80(92) | 82 | 8×12 | 1312 | 0.12 | 40 | 2900 |
| 80(92) | 82 | 10×10 | 1312 | 0.12 | 50 | 2550 |
| 80(92) | 100 | 8×14 | 1600 | 0.12 | 30 | 3500 |
| 80(92) | 100 | 10×12 | 1600 | 0.12 | 40 | 2950 |
| 80(92) | 120 | 8×16 | 1920 | 0.12 | 30 | 3700 |
| 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 |



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■ 标准品一览表

| 额定电压 (浪涌电压) (V) | 标称容量 (μ F) | 产品尺寸 Φ D×L(mm) | L.C. (μ A,2min) | Tan δ 120Hz | ESR (m Ω 100kHz) | 额定纹波电流 (mA r.m.s/105°C100kHz) |
|-----------------------|--------------------|------------------------|-------------------------|-----------------------|----------------------------|----------------------------------|
| 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 | 8×7 | 360 | 0.12 | 60 | 1900 |
| 100(115) | 22 | 6.3×11 | 440 | 0.12 | 50 | 2300 |
| 100(115) | 22 | 8×8 | 440 | 0.12 | 50 | 2200 |
| 100(115) | 27 | 8×8 | 540 | 0.12 | 50 | 2200 |
| 100(115) | 27 | 10×7 | 540 | 0.12 | 60 | 2050 |
| 100(115) | 33 | 8×9 | 660 | 0.12 | 50 | 2300 |
| 100(115) | 33 | 10×9 | 660 | 0.12 | 50 | 2450 |
| 100(115) | 39 | 8×10 | 780 | 0.12 | 50 | 2400 |
| 100(115) | 39 | 10×9 | 780 | 0.12 | 50 | 2450 |
| 100(115) | 47 | 8×12 | 940 | 0.12 | 50 | 2600 |
| 100(115) | 47 | 10×10 | 940 | 0.12 | 50 | 2550 |
| 100(115) | 56 | 8×14 | 1120 | 0.12 | 40 | 3050 |
| 100(115) | 56 | 10×12 | 1120 | 0.12 | 50 | 2650 |
| 100(115) | 68 | 8×16 | 1360 | 0.12 | 40 | 3200 |
| 100(115) | 68 | 10×13 | 1360 | 0.12 | 50 | 2700 |
| 100(115) | 82 | 10×14 | 1640 | 0.12 | 40 | 3100 |
| 100(115) | 82 | 12.5×12.5 | 1640 | 0.12 | 50 | 3000 |
| 100(115) | 100 | 10×18 | 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 |