

RXK 系列

特长 / 用途

- 105℃、2,000 ~ 5,000小时寿命保证
- 低等效串联电阻(ESR), 适用交换式电源供应器(UPS)
- 制品尺寸较小并可承受较大之纹波电流
- 符合RoHS指令

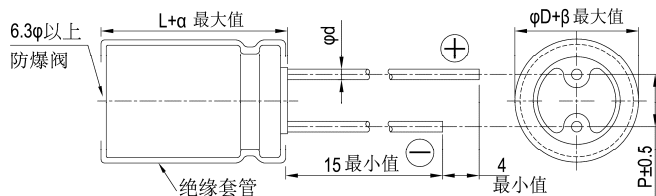


套管与标示颜色: 黑色 / 金色

规格表

| 项目 | 性能 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------------|--|--------|---|---------|--------------|--------|---------------|-----|---------|-------------|------|-----------------|------|------|------|------|------|------|------|------|------|----------|------|------|------|------|------|------|-------------|------|------|------|------|------|------|---------|------|------|------|------|------|------|
| 工作温度范围 | -55℃ ~ +105℃ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 额定静电容量容许误差值 | ± 20% (120Hz, 20℃) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 漏电流(20℃) | I = 0.01CV 或 3(μA/微安)中的任何一个较大值以下(2分钟后) I = 漏电流(μA/微安)、C = 额定静电容量(μF/微法拉)、V = 额定直流工作电压(V/伏特) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 损失角正切值(120Hz, 20℃) | <table border="1"> <thead> <tr> <th>额定电压</th> <th>6.3</th> <th>10</th> <th>16</th> <th>25</th> <th>35</th> <th>50</th> <th>63</th> </tr> </thead> <tbody> <tr> <td>损失角正切值(最大值)</td> <td>0.22</td> <td>0.19</td> <td>0.16</td> <td>0.14</td> <td>0.12</td> <td>0.10</td> <td>0.09</td> </tr> </tbody> </table> <p>当额定静电容量大于 1,000 微法拉时, 每增加 1,000 微法拉需加 0.02。</p> | 额定电压 | 6.3 | 10 | 16 | 25 | 35 | 50 | 63 | 损失角正切值(最大值) | 0.22 | 0.19 | 0.16 | 0.14 | 0.12 | 0.10 | 0.09 | | | | | | | | | | | | | | | | | | | | | | | | | |
| 额定电压 | 6.3 | 10 | 16 | 25 | 35 | 50 | 63 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 损失角正切值(最大值) | 0.22 | 0.19 | 0.16 | 0.14 | 0.12 | 0.10 | 0.09 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 温度特性(120Hz) | <p>阻抗比不可大于下表所列数值</p> <table border="1"> <thead> <tr> <th colspan="2">额定电压</th> <th>6.3</th> <th>10</th> <th>16</th> <th>25</th> <th>35</th> <th>50</th> <th>63</th> </tr> </thead> <tbody> <tr> <td>阻抗比</td> <td>Z(-55℃)/Z(+20℃)</td> <td>4</td> <td>4</td> <td>3</td> <td>3</td> <td>3</td> <td>3</td> <td>3</td> </tr> </tbody> </table> | 额定电压 | | 6.3 | 10 | 16 | 25 | 35 | 50 | 63 | 阻抗比 | Z(-55℃)/Z(+20℃) | 4 | 4 | 3 | 3 | 3 | 3 | 3 | | | | | | | | | | | | | | | | | | | | | | | |
| 额定电压 | | 6.3 | 10 | 16 | 25 | 35 | 50 | 63 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 阻抗比 | Z(-55℃)/Z(+20℃) | 4 | 4 | 3 | 3 | 3 | 3 | 3 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 耐久性 | <table border="1"> <tbody> <tr> <td>保证寿命时间</td> <td> $\phi D \leq 6.3 \text{ mm}$: 2,000 小时; $\phi D = 8 \text{ mm}$: 3,000 小时; $\phi D = 10 \text{ mm}$: 4,000 小时; $\phi D \geq 12.5 \text{ mm}$: 5,000 小时 </td> </tr> <tr> <td>静电容量变化率</td> <td>≦ 初始值的 ± 20%</td> </tr> <tr> <td>损失角正切值</td> <td>≦ 初始规格值的 200%</td> </tr> <tr> <td>漏电流</td> <td>≦ 初始规格值</td> </tr> </tbody> </table> <p>* 于 105℃ 环境中供给容许纹波电流值与额定电压 2,000 ~ 5,000 小时后, 待制品回复至 20℃ 的环境中进行量测时, 需满足上列要求。</p> | 保证寿命时间 | $\phi D \leq 6.3 \text{ mm}$: 2,000 小时; $\phi D = 8 \text{ mm}$: 3,000 小时; $\phi D = 10 \text{ mm}$: 4,000 小时; $\phi D \geq 12.5 \text{ mm}$: 5,000 小时 | 静电容量变化率 | ≦ 初始值的 ± 20% | 损失角正切值 | ≦ 初始规格值的 200% | 漏电流 | ≦ 初始规格值 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| 损失角正切值 | ≦ 初始规格值的 200% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 漏电流 | ≦ 初始规格值 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 高温无负荷特性 | <table border="1"> <tbody> <tr> <td>保证寿命时间</td> <td>1,000 小时</td> </tr> <tr> <td>静电容量变化率</td> <td>≦ 初始值的 ± 20%</td> </tr> <tr> <td>损失角正切值</td> <td>≦ 初始规格值的 200%</td> </tr> <tr> <td>漏电流</td> <td>≦ 初始规格值</td> </tr> </tbody> </table> <p>* 于 105℃ 环境中不供给额定电压 1,000 小时后, 待制品回复至 20℃ 的环境中进行量测时, 需满足上列要求。</p> | 保证寿命时间 | 1,000 小时 | 静电容量变化率 | ≦ 初始值的 ± 20% | 损失角正切值 | ≦ 初始规格值的 200% | 漏电流 | ≦ 初始规格值 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 保证寿命时间 | 1,000 小时 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 静电容量变化率 | ≦ 初始值的 ± 20% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 损失角正切值 | ≦ 初始规格值的 200% | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 漏电流 | ≦ 初始规格值 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 纹波电流与频率修正系数 | <table border="1"> <thead> <tr> <th rowspan="2">频率(Hz)</th> <th colspan="6">静电容量(μF/微法拉)</th> </tr> <tr> <th>60(50)</th> <th>120</th> <th>500</th> <th>1k</th> <th>10k</th> <th>100k</th> </tr> </thead> <tbody> <tr> <td>≦ 33</td> <td>0.40</td> <td>0.55</td> <td>0.65</td> <td>0.80</td> <td>0.90</td> <td>1.00</td> </tr> <tr> <td>39 ~ 330</td> <td>0.60</td> <td>0.70</td> <td>0.80</td> <td>0.90</td> <td>0.95</td> <td>1.00</td> </tr> <tr> <td>390 ~ 1,000</td> <td>0.65</td> <td>0.80</td> <td>0.85</td> <td>0.98</td> <td>1.00</td> <td>1.00</td> </tr> <tr> <td>1,200 ≦</td> <td>0.80</td> <td>0.90</td> <td>0.95</td> <td>0.98</td> <td>1.00</td> <td>1.00</td> </tr> </tbody> </table> | 频率(Hz) | 静电容量(μF/微法拉) | | | | | | 60(50) | 120 | 500 | 1k | 10k | 100k | ≦ 33 | 0.40 | 0.55 | 0.65 | 0.80 | 0.90 | 1.00 | 39 ~ 330 | 0.60 | 0.70 | 0.80 | 0.90 | 0.95 | 1.00 | 390 ~ 1,000 | 0.65 | 0.80 | 0.85 | 0.98 | 1.00 | 1.00 | 1,200 ≦ | 0.80 | 0.90 | 0.95 | 0.98 | 1.00 | 1.00 |
| 频率(Hz) | 静电容量(μF/微法拉) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | 60(50) | 120 | 500 | 1k | 10k | 100k | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| ≦ 33 | 0.40 | 0.55 | 0.65 | 0.80 | 0.90 | 1.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 39 ~ 330 | 0.60 | 0.70 | 0.80 | 0.90 | 0.95 | 1.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 390 ~ 1,000 | 0.65 | 0.80 | 0.85 | 0.98 | 1.00 | 1.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1,200 ≦ | 0.80 | 0.90 | 0.95 | 0.98 | 1.00 | 1.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

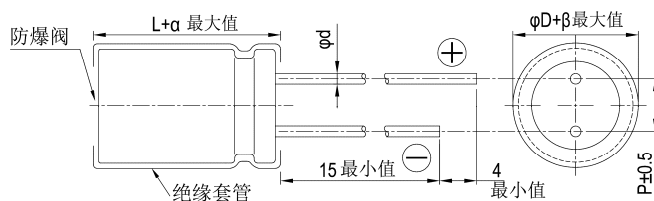
寸法图



制品各项寸法 单位: 毫米

| φD | 5 | 6.3 | 8 | 10 | 12.5 | 16 | 18 |
|----|--------------------------|-----|-----|-----|------|-----|-----|
| P | 2.0 | 2.5 | 3.5 | 5.0 | 5.0 | 7.5 | 7.5 |
| φd | 0.5 | | 0.6 | | | 0.8 | |
| α | L < 20: 1.5, L ≧ 20: 2.0 | | | | | | |
| β | 0.5 | | | | | | |

制品尺寸如为 16×20 适用下列制品图:





尺寸: 直径(ϕD) \times 长度(L), (毫米/mm)
 容许纹波电流: 毫安/均方根值(mA/rms), 100k 赫兹(Hz), 105 $^{\circ}$ C
 阻抗值: 欧姆(Ω)/最大值, 100k 赫兹(Hz), 20 $^{\circ}$ C

制品尺寸与容许纹波电流一览表

| 额定电压 V_{oc} 内容 静电容量 (μF /法拉) | 6.3V(0J) | | | | | 10V(1A) | | | | | 16V(1C) | | | | |
|---|-----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------------------|----------------------------------|----------------------------------|----------------------------------|----------------------------------|-----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| | $\phi D \times L$ | 阻抗值 | | 纹波电流 | | $\phi D \times L$ | 阻抗值 | | 纹波电流 | | $\phi D \times L$ | 阻抗值 | | 纹波电流 | |
| | | 20 $^{\circ}$ C | -10 $^{\circ}$ C | 120 Hz | 100k Hz | | 20 $^{\circ}$ C | -10 $^{\circ}$ C | 120 Hz | 100k Hz | | 20 $^{\circ}$ C | -10 $^{\circ}$ C | 120 Hz | 100k Hz |
| 56 | | | | | | | | | | | 5x11 | 0.72 | 1.8 | 116 | 165 |
| 68 | | | | | | | | | | | 5x11 | 0.72 | 1.8 | 126 | 180 |
| 82 | | | | | | 5x11 | 0.72 | 1.8 | 116 | 165 | | | | | |
| 100 | | | | | | 5x11 | 0.72 | 1.8 | 126 | 180 | | | | | |
| 120 | 5x11 | 0.72 | 1.8 | 116 | 165 | | | | | | 6.3x11 | 0.38 | 0.95 | 179 | 255 |
| 180 | | | | | | 6.3x11 | 0.38 | 0.95 | 179 | 255 | 6.3x15 | 0.27 | 0.68 | 231 | 330 |
| 220 | 6.3x11 | 0.38 | 0.95 | 179 | 255 | 6.3x11 | 0.38 | 0.95 | 196 | 280 | | | | | |
| 270 | 6.3x11 | 0.38 | 0.95 | 196 | 280 | 6.3x15 | 0.27 | 0.68 | 231 | 330 | 8x11.5 10x12.5 | 0.20 0.12 | 0.50 0.30 | 291 438 | 415 625 |
| 330 | 6.3x15 | 0.27 | 0.68 | 231 | 330 | 8x11.5 | 0.20 | 0.50 | 291 | 415 | 8x11.5 8x15 10x12.5 | 0.20 0.16 0.12 | 0.50 0.40 0.30 | 315 347 540 | 450 495 675 |
| 390 | 8x11.5 | 0.20 | 0.50 | 332 | 415 | 8x11.5 10x12.5 | 0.20 0.12 | 0.50 0.30 | 360 500 | 450 625 | | | | | |
| 470 | 8x11.5 10x12.5 | 0.20 0.12 | 0.50 0.30 | 360 500 | 450 625 | 8x15 10x12.5 | 0.16 0.12 | 0.40 0.30 | 396 540 | 495 675 | 8x15 8x20 10x16 | 0.16 0.11 0.084 | 0.40 0.28 0.21 | 472 512 660 | 590 640 825 |
| 560 | 8x15 10x12.5 | 0.16 0.12 | 0.40 0.30 | 396 540 | 495 675 | 8x15 | 0.16 | 0.40 | 472 | 590 | 8x20 10x16 | 0.11 0.084 | 0.28 0.21 | 560 728 | 700 910 |
| 680 | 10x16 | 0.084 | 0.21 | 660 | 825 | 8x20 10x16 | 0.11 0.084 | 0.28 0.21 | 512 660 | 640 825 | 10x20 | 0.062 | 0.16 | 832 | 1,040 |
| 820 | 8x15 8x20 10x16 | 0.16 0.11 0.084 | 0.40 0.28 0.21 | 472 512 728 | 590 640 910 | 8x20 10x16 | 0.11 0.084 | 0.28 0.21 | 560 728 | 700 910 | 10x20 10x25 | 0.062 0.052 | 0.16 0.13 | 904 1,008 | 1,130 1,260 |
| 1,000 | 8x20 | 0.11 | 0.28 | 560 | 700 | 10x20 | 0.062 | 0.16 | 832 | 1,040 | 10x25 | 0.052 | 0.13 | 1,112 | 1,390 |
| 1,200 | 10x20 | 0.062 | 0.16 | 936 | 1,040 | 10x20 10x25 | 0.062 0.052 | 0.16 0.13 | 1,017 1,134 | 1,130 1,260 | 10x30 12.5x20 | 0.044 0.046 | 0.11 0.12 | 1,296 1,206 | 1,440 1,340 |
| 1,500 | 10x20 10x25 | 0.062 0.052 | 0.16 0.13 | 1,017 1,134 | 1,130 1,260 | 10x25 10x30 | 0.052 0.044 | 0.13 0.11 | 1,251 1,296 | 1,390 1,440 | 10x30 12.5x20 12.5x25 | 0.044 0.046 0.034 | 0.11 0.12 0.085 | 1,413 1,305 1,521 | 1,570 1,450 1,690 |
| 1,800 | 10x25 | 0.052 | 0.13 | 1,251 | 1,390 | 10x30 12.5x20 | 0.044 0.046 | 0.11 0.12 | 1,413 1,206 | 1,570 1,340 | 12.5x25 | 0.034 | 0.085 | 1,629 | 1,810 |
| 2,200 | 10x30 12.5x20 | 0.044 0.046 | 0.11 0.12 | 1,296 1,206 | 1,440 1,340 | 12.5x20 12.5x25 | 0.046 0.034 | 0.12 0.085 | 1,305 1,521 | 1,450 1,690 | 12.5x30 16x20 | 0.030 0.035 | 0.075 0.087 | 1,755 1,485 | 1,950 1,650 |
| 2,700 | 10x30 12.5x20 12.5x25 | 0.044 0.046 0.034 | 0.11 0.12 0.085 | 1,413 1,305 1,521 | 1,570 1,450 1,690 | 12.5x25 12.5x30 | 0.034 0.030 | 0.085 0.075 | 1,629 1,755 | 1,810 1,950 | 12.5x30 12.5x35 16x25 | 0.030 0.027 0.028 | 0.075 0.068 0.070 | 1,917 1,980 1,863 | 2,130 2,200 2,070 |
| 3,300 | 12.5x25 | 0.034 | 0.085 | 1,629 | 1,810 | 12.5x30 12.5x35 | 0.030 0.027 | 0.075 0.068 | 1,917 1,980 | 2,130 2,200 | 12.5x35 12.5x40 16x25 | 0.027 0.024 0.035 | 0.068 0.060 0.087 | 2,196 2,440 1,880 | 2,390 2,440 2,070 |
| 3,900 | 12.5x30 | 0.030 | 0.075 | 1,755 | 1,950 | 12.5x35 12.5x40 16x20 16x25 | 0.027 0.024 0.035 0.028 | 0.068 0.060 0.087 0.070 | 2,196 2,151 1,692 1,863 | 2,390 2,440 1,880 2,070 | 16x31.5 | 0.025 | 0.063 | 2,115 | 2,350 |
| 4,700 | 12.5x30 12.5x35 16x20 | 0.030 0.027 0.035 | 0.075 0.068 0.087 | 1,917 1,980 1,44 | 2,130 2,200 1,600 | 12.5x40 16x25 | 0.024 0.028 | 0.060 0.070 | 2,358 2,025 | 2,620 2,250 | 16x31.5 16x35.5 | 0.025 0.022 | 0.055 0.055 | 2,295 2,295 | 2,550 2,550 |
| 5,600 | 12.5x35 12.5x40 16x25 | 0.027 0.024 0.028 | 0.068 0.060 0.070 | 2,151 2,196 1,863 | 2,390 2,440 2,070 | 16x31.5 | 0.025 | 0.063 | 2,115 | 2,350 | 16x35.5 16x40 | 0.022 0.018 | 0.055 0.045 | 2,394 2,610 | 2,660 2,900 |
| 6,800 | 12.5x40 16x25 16x31.5 | 0.024 0.028 0.025 | 0.060 0.070 0.063 | 2,358 2,025 2,115 | 2,620 2,250 2,350 | 16x31.5 16x35.5 | 0.025 0.022 | 0.063 0.055 | 2,295 2,295 | 2,550 2,550 | 16x40 18x35.5 | 0.018 0.021 | 0.045 0.053 | 2,844 2,448 | 3,160 2,720 |
| 8,200 | 16x31.5 | 0.025 | 0.063 | 2,295 | 2,550 | 16x35.5 | 0.022 | 0.055 | 2,448 | 2,720 | 18x35.5 | 0.021 | 0.053 | 2,601 | 2,890 |
| 10,000 | 16x35.5 | 0.022 | 0.055 | 2,691 | 2,990 | | | | | | | | | | |



尺寸: 直径(ϕD) \times 长度(L), (毫米/mm)
 容许纹波电流: 毫安/均方根值(mA/rms), 100k 赫兹(Hz), 105 $^{\circ}$ C
 阻抗值: 欧姆(Ω)/最大值, 100k 赫兹(Hz), 20 $^{\circ}$ C

制品尺寸与容许纹波电流一览表

| 额定电压 V_{DC} 内容 静电容量 (μF /法拉) | 25V(1E) | | | | | 35V(1V) | | | | | 50V(1H) | | | | |
|---|-------------------|-----------------|------------------|--------|---------|-------------------|-----------------|------------------|--------|---------|-------------------|-----------------|------------------|--------|---------|
| | $\phi D \times L$ | 阻抗值 | | 纹波电流 | | $\phi D \times L$ | 阻抗值 | | 纹波电流 | | $\phi D \times L$ | 阻抗值 | | 纹波电流 | |
| | | 20 $^{\circ}$ C | -10 $^{\circ}$ C | 120 Hz | 100k Hz | | 20 $^{\circ}$ C | -10 $^{\circ}$ C | 120 Hz | 100k Hz | | 20 $^{\circ}$ C | -10 $^{\circ}$ C | 120 Hz | 100k Hz |
| 18 | | | | | | | | | | | 5x11 | 1.1 | 3.3 | 72 | 130 |
| 22 | | | | | | | | | | | 5x11 | 1.1 | 3.3 | 83 | 150 |
| 27 | | | | | | 5x11 | 0.72 | 1.8 | 91 | 165 | | | | | |
| 33 | | | | | | 5x11 | 0.72 | 1.8 | 99 | 180 | | | | | |
| 39 | 5x11 | 0.72 | 1.8 | 116 | 165 | | | | | | 6.3x11 | 0.56 | 1.6 | 154 | 220 |
| 47 | 5x11 | 0.72 | 1.8 | 126 | 180 | | | | | | 6.3x11 | 0.56 | 1.6 | 161 | 230 |
| 56 | | | | | | 6.3x11 | 0.38 | 0.95 | 179 | 255 | 6.3x15 | 0.41 | 1.2 | 217 | 310 |
| 68 | | | | | | 6.3x11 | 0.38 | 0.95 | 196 | 280 | 8x11.5 | 0.29 | 0.84 | 238 | 340 |
| 82 | 6.3x11 | 0.38 | 0.95 | 179 | 255 | 6.3x15 | 0.27 | 0.68 | 231 | 330 | 8x11.5 | 0.29 | 0.84 | 249 | 355 |
| | | | | | | | | | | | 8x15 | 0.25 | 0.75 | 329 | 470 |
| | | | | | | | | | | | 10x12.5 | 0.16 | 0.40 | 336 | 480 |
| 100 | 6.3x11 | 0.38 | 0.95 | 196 | 280 | | | | | | 10x12.5 | 0.16 | 0.40 | 371 | 530 |
| 120 | 6.3x15 | 0.27 | 0.68 | 231 | 330 | 8x11.5 | 0.20 | 0.50 | 291 | 415 | 8x15 | 0.25 | 0.75 | 392 | 560 |
| | | | | | | 10x12.5 | 0.12 | 0.30 | 438 | 625 | 8x20 | 0.18 | 0.52 | 427 | 610 |
| | | | | | | | | | | | 10x16 | 0.12 | 0.30 | 529 | 755 |
| 150 | 8x11.5 | 0.20 | 0.50 | 291 | 415 | 8x11.5 | 0.20 | 0.50 | 315 | 450 | 10x16 | 0.12 | 0.30 | 588 | 840 |
| | | | | | | 10x12.5 | 0.12 | 0.30 | 473 | 675 | | | | | |
| 180 | 8x11.5 | 0.20 | 0.50 | 315 | 450 | 8x15 | 0.16 | 0.40 | 347 | 495 | 8x20 | 0.18 | 0.52 | 525 | 750 |
| | 10x12.5 | 0.12 | 0.30 | 438 | 625 | | | | | 10x20 | 0.088 | 0.22 | 662 | 945 | |
| 220 | 8x15 | 0.16 | 0.40 | 347 | 495 | 8x15 | 0.16 | 0.40 | 413 | 590 | 10x20 | 0.088 | 0.22 | 728 | 1,040 |
| | 10x12.5 | 0.12 | 0.30 | 473 | 675 | 8x20 | 0.11 | 0.28 | 448 | 640 | 10x25 | 0.068 | 0.17 | 805 | 1,150 |
| | | | | | | 10x16 | 0.084 | 0.21 | 578 | 825 | | | | | |
| 270 | | | | | | 8x20 | 0.11 | 0.28 | 490 | 700 | 10x25 | 0.068 | 0.17 | 896 | 1,280 |
| | | | | | | 10x16 | 0.084 | 0.21 | 637 | 910 | | | | | |
| 330 | 8x15 | 0.16 | 0.40 | 413 | 590 | 10x20 | 0.062 | 0.16 | 728 | 1,040 | 10x30 | 0.059 | 0.15 | 882 | 1,260 |
| | 8x20 | 0.11 | 0.28 | 448 | 640 | | | | | | 12.5x20 | 0.059 | 0.15 | 833 | 1,190 |
| | 10x16 | 0.084 | 0.21 | 578 | 825 | | | | | | | | | | |
| 390 | 8x20 | 0.11 | 0.28 | 560 | 700 | 10x20 | 0.062 | 0.16 | 904 | 1,130 | 12.5x20 | 0.059 | 0.15 | 952 | 1,190 |
| | 10x16 | 0.084 | 0.21 | 728 | 910 | 10x25 | 0.052 | 0.13 | 1,008 | 1,260 | | | | | |
| 470 | 10x20 | 0.062 | 0.16 | 832 | 1,040 | 10x25 | 0.052 | 0.13 | 1,112 | 1,390 | 10x30 | 0.059 | 0.15 | 1,176 | 1,470 |
| | | | | | | | | | | | 12.5x25 | 0.045 | 0.11 | 1,192 | 1,490 |
| 560 | 10x20 | 0.062 | 0.16 | 904 | 1,130 | 10x30 | 0.044 | 0.11 | 1,152 | 1,440 | 12.5x25 | 0.045 | 0.11 | 1,304 | 1,630 |
| | 10x25 | 0.052 | 0.13 | 1,008 | 1,260 | 12.5x20 | 0.046 | 0.12 | 1,072 | 1,340 | 12.5x30 | 0.039 | 0.098 | 1,376 | 1,720 |
| 680 | | | | | | 10x30 | 0.044 | 0.11 | 1,256 | 1,570 | 12.5x30 | 0.039 | 0.098 | 1,520 | 1,800 |
| | | | | | | 12.5x20 | 0.046 | 0.12 | 1,160 | 1,450 | 12.5x35 | 0.033 | 0.083 | 1,512 | 1,900 |
| | | | | | | 12.5x25 | 0.034 | 0.085 | 1,352 | 1,690 | 16x20 | 0.048 | 0.120 | 1,248 | 1,560 |
| 820 | 10x30 | 0.044 | 0.11 | 1,152 | 1,440 | 12.5x25 | 0.034 | 0.085 | 1,448 | 1,810 | 12.5x35 | 0.033 | 0.083 | 1,624 | 2,030 |
| | 12.5x20 | 0.046 | 0.12 | 1,072 | 1,340 | | | | | | 12.5x40 | 0.029 | 0.073 | 1,656 | 2,070 |
| | | | | | | | | | | | 16x25 | 0.033 | 0.083 | 1,504 | 1,880 |
| 1,000 | 10x30 | 0.044 | 0.11 | 1,256 | 1,570 | 12.5x30 | 0.030 | 0.075 | 1,560 | 1,950 | 12.5x40 | 0.029 | 0.073 | 1,800 | 2,250 |
| | 12.5x20 | 0.046 | 0.12 | 1,160 | 1,450 | 16x20 | 0.035 | 0.087 | 1,376 | 1,720 | 16x25 | 0.033 | 0.083 | 1,664 | 2,080 |
| | 12.5x25 | 0.034 | 0.085 | 1,352 | 1,690 | | | | | | 16x31.5 | 0.029 | 0.073 | 1,720 | 2,150 |
| 1,200 | | | | | | 12.5x30 | 0.030 | 0.075 | 1,917 | 2,130 | 16x31.5 | 0.029 | 0.073 | 2,088 | 2,320 |
| | | | | | | 12.5x35 | 0.027 | 0.068 | 1,980 | 2,200 | 16x35.5 | 0.025 | 0.063 | 2,115 | 2,350 |
| | | | | | | 16x25 | 0.028 | 0.070 | 1,863 | 2,070 | | | | | |
| 1,500 | 12.5x30 | 0.030 | 0.075 | 1,755 | 1,950 | 12.5x35 | 0.027 | 0.068 | 2,151 | 2,390 | 16x35.5 | 0.025 | 0.063 | 2,160 | 2,400 |
| | 16x20 | 0.035 | 0.087 | 1,539 | 1,710 | 12.5x40 | 0.024 | 0.060 | 2,196 | 2,440 | 16x40 | 0.021 | 0.063 | 2,336 | 2,595 |
| | | | | | | 16x25 | 0.028 | 0.070 | 2,025 | 2,250 | | | | | |
| 1,800 | 12.5x30 | 0.030 | 0.075 | 1,917 | 2,130 | 12.5x40 | 0.024 | 0.060 | 2,358 | 2,620 | 16x40 | 0.021 | 0.063 | 2,466 | 2,740 |
| | 12.5x35 | 0.027 | 0.068 | 1,980 | 2,200 | 16x31.5 | 0.025 | 0.063 | 2,115 | 2,350 | 18x35.5 | 0.023 | 0.058 | 2,286 | 2,540 |
| | 16x25 | 0.028 | 0.070 | 1,863 | 2,070 | | | | | | | | | | |
| 2,200 | 12.5x35 | 0.027 | 0.068 | 2,151 | 2,390 | 16x31.5 | 0.025 | 0.063 | 2,295 | 2,550 | 18x35.5 | 0.023 | 0.058 | 2,349 | 2,610 |
| | 12.5x40 | 0.024 | 0.060 | 2,196 | 2,440 | 16x35.5 | 0.022 | 0.055 | 2,295 | 2,550 | 18x40 | 0.020 | 0.050 | 2,385 | 2,650 |
| | 16x25 | 0.028 | 0.070 | 2,025 | 2,250 | | | | | | | | | | |
| 2,700 | | | | | | 16x35.5 | 0.022 | 0.055 | 2,394 | 2,660 | | | | | |
| | | | | | | 16x40 | 0.018 | 0.045 | 2,610 | 2,900 | | | | | |
| | | | | | | 18x35.5 | 0.021 | 0.053 | 2,448 | 2,720 | | | | | |
| 3,300 | 16x31.5 | 0.025 | 0.063 | 2,295 | 2,550 | 18x35.5 | 0.021 | 0.053 | 2,601 | 2,890 | | | | | |
| | 16x35.5 | 0.022 | 0.055 | 2,295 | 2,550 | 18x40 | 0.017 | 0.043 | 2,709 | 3,010 | | | | | |
| 3,900 | 16x35.5 | 0.022 | 0.055 | 2,394 | 2,660 | | | | | | | | | | |
| | 16x40 | 0.018 | 0.045 | 2,610 | 2,900 | 18x40 | 0.017 | 0.043 | 2,934 | 3,260 | | | | | |
| | 18x35.5 | 0.021 | 0.053 | 2,448 | 2,720 | | | | | | | | | | |
| 4,700 | 18x35.5 | 0.021 | 0.053 | 2,601 | 2,890 | | | | | | | | | | |
| | 18x40 | 0.017 | 0.043 | 2,709 | 3,010 | | | | | | | | | | |
| 5,600 | 18x40 | 0.017 | 0.043 | 2,934 | 3,260 | | | | | | | | | | |

引线型



尺寸：直径(ϕ D) \times 长度(L)，(毫米/mm)
容许纹波电流：毫安/均方根值(mA/rms)，100k 赫兹(Hz)，105 $^{\circ}$ C
阻抗值：欧姆(Ω)/最大值，100k 赫兹(Hz)，20 $^{\circ}$ C

制品尺寸与容许纹波电流一览表

| 额定电压 V _{DC} 内容 静电容量 (μ F/微法拉) | 63V(1J) | | | | |
|--|---------------------|-----------------|------------------|--------|---------|
| | ϕ D \times L | 阻抗值 | | 纹波电流 | |
| | | 20 $^{\circ}$ C | -10 $^{\circ}$ C | 120 Hz | 100k Hz |
| 12 | 5 \times 11 | 1.90 | 4.78 | 55 | 100 |
| 27 | 6.3 \times 11 | 1.10 | 2.78 | 88 | 160 |
| 33 | 6.3 \times 11 | 1.10 | 2.75 | 96 | 175 |
| 39 | 6.3 \times 15 | 0.62 | 1.55 | 161 | 230 |
| 47 | 8 \times 11.5 | 0.49 | 1.23 | 193 | 275 |
| 56 | 8 \times 11.5 | 0.49 | 1.23 | 203 | 290 |
| | 10 \times 12.5 | 0.27 | 0.675 | 294 | 420 |
| 68 | 8 \times 15 | 0.34 | 0.850 | 252 | 360 |
| | 10 \times 12.5 | 0.27 | 0.675 | 354 | 505 |
| | 10 \times 16 | 0.21 | 0.525 | 366 | 523 |
| 82 | 8 \times 20 | 0.21 | 0.525 | 350 | 500 |
| 100 | 8 \times 15 | 0.34 | 0.850 | 308 | 440 |
| 120 | 10 \times 16 | 0.210 | 0.525 | 455 | 650 |
| | 10 \times 20 | 0.160 | 0.400 | 490 | 700 |
| 150 | 8 \times 20 | 0.210 | 0.525 | 476 | 680 |
| | 10 \times 25 | 0.130 | 0.325 | 546 | 780 |
| 180 | 10 \times 20 | 0.160 | 0.400 | 553 | 790 |
| | 10 \times 30 | 0.100 | 0.250 | 672 | 960 |
| 220 | 10 \times 25 | 0.130 | 0.325 | 648 | 925 |
| | 12.5 \times 20 | 0.110 | 0.275 | 609 | 870 |
| 270 | 10 \times 30 | 0.100 | 0.250 | 812 | 1,160 |
| | 12.5 \times 25 | 0.074 | 0.185 | 805 | 1,150 |
| 330 | 12.5 \times 20 | 0.110 | 0.275 | 746 | 1,065 |
| 390 | 12.5 \times 25 | 0.074 | 0.185 | 1,088 | 1,280 |
| | 12.5 \times 30 | 0.068 | 0.170 | 1,024 | 1,360 |
| 470 | 12.5 \times 30 | 0.068 | 0.170 | 1,120 | 1,360 |
| | 12.5 \times 35 | 0.063 | 0.158 | 1,112 | 1,400 |
| | 16 \times 20 | 0.059 | 0.148 | 1,080 | 1,350 |
| | 16 \times 25 | 0.055 | 0.138 | 1,184 | 1,480 |
| 560 | 12.5 \times 40 | 0.051 | 0.128 | 1,224 | 1,530 |
| | 16 \times 25 | 0.055 | 0.138 | 1,296 | 1,620 |
| 680 | 12.5 \times 40 | 0.051 | 0.128 | 1,336 | 1,670 |
| | 16 \times 31.5 | 0.046 | 0.115 | 1,376 | 1,720 |
| 820 | 12.5 \times 40 | 0.051 | 0.128 | 1,480 | 1,850 |
| | 16 \times 31.5 | 0.046 | 0.115 | 1,512 | 1,890 |
| | 16 \times 35.5 | 0.040 | 0.100 | 1,528 | 1,910 |
| 1,000 | 16 \times 35.5 | 0.040 | 0.100 | 1,576 | 1,970 |
| | 18 \times 35.5 | 0.040 | 0.100 | 1,688 | 2,110 |
| 1,500 | 18 \times 35.5 | 0.040 | 0.100 | 2,169 | 2,410 |

产品编码说明

RXK系列 470微法拉 \pm 20% 6.3V 长脚 8 ϕ \times 11.5L 无铅引线与PET套管

RXK **471** **M** **0J** **BK** - **0811**

系列 额定静电容量 额定静电容量容许误差值 额定电压 引线加工/包装型式 胶盖型式 制品尺寸 制品引线与套管材质

注：如需了解更详细介绍，请参阅目录第 13 页“引线型产品编码说明”。

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