

# KXJ 系列

小型化

高纹波

长寿命

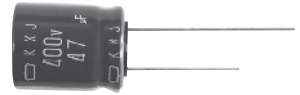
RoHS2  
适应品

- KXG系列的小型化・长寿命品。
- 保证105℃ 8,000 ~ 12,000小时。（纹波叠加）
- 额定电压范围：160 ~ 500V、静电容量范围：6.8 ~ 680  $\mu$ F。
- 最适合于照明设备电子镇流器，长寿命电源输入平滑用等。
- 请注意不属于基板清洗类型。
- 符合AEC-Q200。详情请另行咨询。

KXJ

小型化  
长寿命化  
KXG

500V  
Lineup!

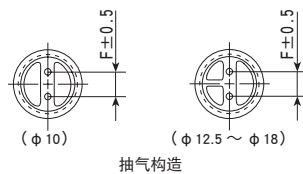
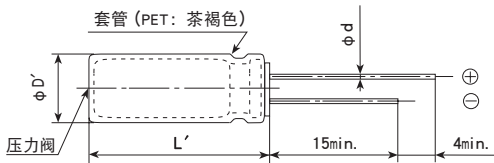


## 规格表

| 项 目                     | 性 能                                                                       |                                    |                                     |             |
|-------------------------|---------------------------------------------------------------------------|------------------------------------|-------------------------------------|-------------|
| 工作温度范围                  | -40~+105℃ (160~450V <sub>dc</sub> )    -25~+105℃ (500V <sub>dc</sub> )    |                                    |                                     |             |
| 额定电压范围                  | 160~500V <sub>dc</sub>                                                    |                                    |                                     |             |
| 静电容量容许差                 | ±20% (M) (20℃、120Hz)                                                      |                                    |                                     |             |
| 漏电流                     |                                                                           | 1分値                                | 5分値                                 |             |
|                         | CV ≤ 1000                                                                 | I ≤ 0.1CV+40                       | I ≤ 0.03CV+15                       |             |
|                         | CV > 1000                                                                 | I ≤ 0.04CV+100                     | I ≤ 0.02CV+25                       |             |
|                         | I: 漏电流 (μA)、C: 静电容量 (μF)、V: 额定电压 (V <sub>dc</sub> )                       |                                    |                                     | (20℃)       |
| 损失角正切值 (tan δ)          | 额定电压 (V <sub>dc</sub> )                                                   | 160~250V                           | 350~500V                            |             |
|                         | tan δ (Max)                                                               | 0.20                               | 0.24                                | (20℃、120Hz) |
| 温度特性<br>(阻抗比<br>Max右表值) | 额定电压 (V <sub>dc</sub> )                                                   | 160~250V                           | 350、400V                            | 420~500V    |
|                         | Z(-25℃) / Z(+20℃)                                                         | 3                                  | 5                                   | 6           |
|                         | Z(-40℃) / Z(+20℃)                                                         | 6                                  | 6                                   | —           |
| 耐久性                     | 在105℃环境中，不超过额定电压的范围内叠加额定纹波电流，连续加载额定电压规定时间后，待温度恢复到20℃进行测量时，应满足以下要求。        |                                    |                                     |             |
|                         | 额定电压 (V <sub>dc</sub> )                                                   | 160~450V                           | 500V                                |             |
|                         | 规定时间                                                                      | 20L以下: 10,000小时<br>25L以上: 12,000小时 | φ 10: 8,000小时<br>φ 12.5以上: 10,000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                            |                                     |             |
| 高温无负荷特性                 | 在105℃环境中，无负荷放置1,000小时后待温度恢复到20℃，进行试验前处理（JIS C 5101-4 4.1项）后进行测量时，应满足以下要求。 |                                    |                                     |             |
|                         | 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                                                                       | ≤ 初始规格值的500%                       |                                     |             |

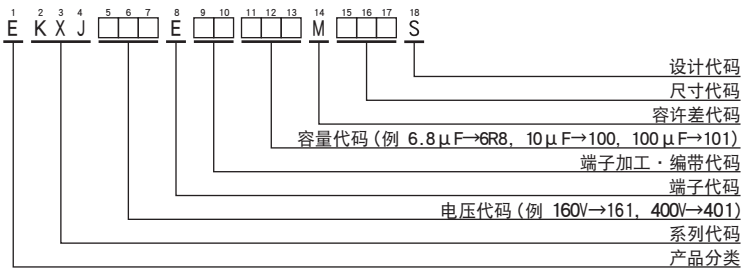
## 尺寸图 (CE04 形) [mm]

● 端子代码：E



|     |            |      |      |     |     |
|-----|------------|------|------|-----|-----|
| φD  | 10         | 12.5 | 14.5 | 16  | 18  |
| φd  | 0.6        | 0.6  | 0.8  | 0.8 | 0.8 |
| F   | 5.0        | 5.0  | 7.5  | 7.5 | 7.5 |
| φD' | φD+0.5max. |      |      |     |     |
| L'  | L+1.5max.  |      |      |     |     |

## 产品型号体系



产品型号代码的详细介绍请参考「产品型号的表示方法 (引线型)」。

## ◆标准品一览表

| WV<br>(Vdc) | Cap<br>(μF) | 尺寸<br>ΦD×L(mm) | tan δ | 额定纹波电流<br>(mA rms/<br>105℃、120Hz) | 产品型号               | WV<br>(Vdc) | Cap<br>(μF) | 尺寸<br>ΦD×L(mm) | tan δ | 额定纹波电流<br>(mA rms/<br>105℃、120Hz) | 产品型号               |
|-------------|-------------|----------------|-------|-----------------------------------|--------------------|-------------|-------------|----------------|-------|-----------------------------------|--------------------|
| 160         | 39          | 10×16          | 0.20  | 245                               | EKXJ161E□□390MJ16S | 220         | 27          | 10×16          | 0.20  | 200                               | EKXJ221E□□270MJ16S |
|             | 56          | 10×20          | 0.20  | 315                               | EKXJ161E□□560MJ20S |             | 39          | 10×20          | 0.20  | 265                               | EKXJ221E□□390MJ20S |
|             | 82          | 10×25          | 0.20  | 415                               | EKXJ161E□□820MJ25S |             | 56          | 10×25          | 0.20  | 345                               | EKXJ221E□□560MJ25S |
|             | 82          | 10×30          | 0.20  | 445                               | EKXJ161E□□820MJ30S |             | 56          | 10×30          | 0.20  | 370                               | EKXJ221E□□560MJ30S |
|             | 100         | 12.5×20        | 0.20  | 575                               | EKXJ161E□□101MK20S |             | 68          | 12.5×20        | 0.20  | 475                               | EKXJ221E□□680MK20S |
|             | 120         | 10×35          | 0.20  | 570                               | EKXJ161E□□121MJ35S |             | 82          | 10×35          | 0.20  | 470                               | EKXJ221E□□820MJ35S |
|             | 120         | 14.5×20        | 0.20  | 675                               | EKXJ161E□□121MU20S |             | 82          | 14.5×20        | 0.20  | 555                               | EKXJ221E□□820MU20S |
|             | 150         | 10×40          | 0.20  | 665                               | EKXJ161E□□151MJ40S |             | 100         | 10×40          | 0.20  | 545                               | EKXJ221E□□101MJ40S |
|             | 150         | 10×45          | 0.20  | 695                               | EKXJ161E□□151MJ45S |             | 100         | 10×45          | 0.20  | 565                               | EKXJ221E□□101MJ45S |
|             | 150         | 12.5×25        | 0.20  | 765                               | EKXJ161E□□151MK25S |             | 100         | 12.5×25        | 0.20  | 625                               | EKXJ221E□□101MK25S |
|             | 180         | 10×50          | 0.20  | 785                               | EKXJ161E□□181MJ50S |             | 120         | 10×50          | 0.20  | 645                               | EKXJ221E□□121MJ50S |
|             | 180         | 12.5×30        | 0.20  | 885                               | EKXJ161E□□181MK30S |             | 120         | 12.5×30        | 0.20  | 725                               | EKXJ221E□□121MK30S |
|             | 180         | 14.5×25        | 0.20  | 890                               | EKXJ161E□□181MU25S |             | 120         | 14.5×25        | 0.20  | 725                               | EKXJ221E□□121MU25S |
|             | 180         | 16×20          | 0.20  | 855                               | EKXJ161E□□181ML20S |             | 120         | 16×20          | 0.20  | 695                               | EKXJ221E□□121ML20S |
|             | 220         | 12.5×35        | 0.20  | 1,040                             | EKXJ161E□□221MK35S |             | 150         | 12.5×35        | 0.20  | 860                               | EKXJ221E□□151MK35S |
|             | 220         | 16×25          | 0.20  | 1,020                             | EKXJ161E□□221ML25S |             | 150         | 16×25          | 0.20  | 845                               | EKXJ221E□□151ML25S |
|             | 220         | 18×20          | 0.20  | 990                               | EKXJ161E□□221MM20S |             | 150         | 18×20          | 0.20  | 815                               | EKXJ221E□□151MM20S |
|             | 270         | 12.5×40        | 0.20  | 1,190                             | EKXJ161E□□271MK40S |             | 180         | 12.5×40        | 0.20  | 975                               | EKXJ221E□□181MK40S |
|             | 270         | 12.5×45        | 0.20  | 1,230                             | EKXJ161E□□271MK45S |             | 180         | 12.5×45        | 0.20  | 1,005                             | EKXJ221E□□181MK45S |
|             | 270         | 14.5×31.5      | 0.20  | 1,170                             | EKXJ161E□□271MUN3S |             | 180         | 14.5×31.5      | 0.20  | 955                               | EKXJ221E□□181MUN3S |
|             | 270         | 14.5×35.5      | 0.20  | 1,210                             | EKXJ161E□□271MUP1S |             | 220         | 12.5×50        | 0.20  | 1,145                             | EKXJ221E□□221MK50S |
|             | 330         | 12.5×50        | 0.20  | 1,400                             | EKXJ161E□□331MK50S |             | 220         | 14.5×35.5      | 0.20  | 1,095                             | EKXJ221E□□221MUP1S |
|             | 330         | 14.5×40        | 0.20  | 1,385                             | EKXJ161E□□331MU40S |             | 220         | 14.5×40        | 0.20  | 1,130                             | EKXJ221E□□221MU40S |
|             | 330         | 16×31.5        | 0.20  | 1,350                             | EKXJ161E□□331MLN3S |             | 220         | 16×31.5        | 0.20  | 1,100                             | EKXJ221E□□221MLN3S |
|             | 330         | 18×25          | 0.20  | 1,290                             | EKXJ161E□□331MM25S |             | 220         | 18×25          | 0.20  | 1,050                             | EKXJ221E□□221MM25S |
|             | 390         | 14.5×45        | 0.20  | 1,545                             | EKXJ161E□□391MU45S |             | 270         | 14.5×45        | 0.20  | 1,285                             | EKXJ221E□□271MU45S |
|             | 390         | 16×35.5        | 0.20  | 1,500                             | EKXJ161E□□391MLP1S |             | 270         | 14.5×50        | 0.20  | 1,315                             | EKXJ221E□□271MU50S |
|             | 470         | 14.5×50        | 0.20  | 1,735                             | EKXJ161E□□471MU50S |             | 270         | 16×35.5        | 0.20  | 1,245                             | EKXJ221E□□271MLP1S |
|             | 470         | 16×40          | 0.20  | 1,700                             | EKXJ161E□□471ML40S |             | 270         | 18×31.5        | 0.20  | 1,260                             | EKXJ221E□□271MMN3S |
|             | 470         | 16×45          | 0.20  | 1,730                             | EKXJ161E□□471ML45S |             | 330         | 16×40          | 0.20  | 1,425                             | EKXJ221E□□331ML40S |
|             | 470         | 18×31.5        | 0.20  | 1,660                             | EKXJ161E□□471MMN3S |             | 330         | 16×45          | 0.20  | 1,450                             | EKXJ221E□□331ML45S |
|             | 470         | 18×35.5        | 0.20  | 1,715                             | EKXJ161E□□471MMP1S |             | 330         | 18×35.5        | 0.20  | 1,440                             | EKXJ221E□□331MMP1S |
|             | 560         | 16×50          | 0.20  | 1,920                             | EKXJ161E□□561ML50S |             | 390         | 16×50          | 0.20  | 1,600                             | EKXJ221E□□391ML50S |
|             | 560         | 18×40          | 0.20  | 1,905                             | EKXJ161E□□561MM40S |             | 390         | 18×40          | 0.20  | 1,590                             | EKXJ221E□□391MM40S |
|             | 680         | 18×45          | 0.20  | 2,130                             | EKXJ161E□□681MM45S |             | 390         | 18×45          | 0.20  | 1,620                             | EKXJ221E□□391MM45S |
|             | 680         | 18×50          | 0.20  | 2,145                             | EKXJ161E□□681MM50S |             | 470         | 18×50          | 0.20  | 1,785                             | EKXJ221E□□471MM50S |
| 200         | 27          | 10×16          | 0.20  | 200                               | EKXJ201E□□270MJ16S | 250         | 22          | 10×16          | 0.20  | 185                               | EKXJ251E□□220MJ16S |
|             | 47          | 10×20          | 0.20  | 290                               | EKXJ201E□□470MJ20S |             | 33          | 10×20          | 0.20  | 240                               | EKXJ251E□□330MJ20S |
|             | 56          | 10×25          | 0.20  | 345                               | EKXJ201E□□560MJ25S |             | 47          | 10×25          | 0.20  | 315                               | EKXJ251E□□470MJ25S |
|             | 68          | 10×30          | 0.20  | 405                               | EKXJ201E□□680MJ30S |             | 47          | 10×30          | 0.20  | 340                               | EKXJ251E□□470MJ30S |
|             | 82          | 12.5×20        | 0.20  | 520                               | EKXJ201E□□820MK20S |             | 56          | 12.5×20        | 0.20  | 430                               | EKXJ251E□□560MK20S |
|             | 100         | 10×35          | 0.20  | 520                               | EKXJ201E□□101MJ35S |             | 68          | 10×35          | 0.20  | 430                               | EKXJ251E□□680MJ35S |
|             | 100         | 12.5×25        | 0.20  | 625                               | EKXJ201E□□101MK25S |             | 68          | 14.5×20        | 0.20  | 505                               | EKXJ251E□□680MU20S |
|             | 100         | 14.5×20        | 0.20  | 615                               | EKXJ201E□□101MU20S |             | 82          | 10×40          | 0.20  | 495                               | EKXJ251E□□820MJ40S |
|             | 120         | 10×40          | 0.20  | 595                               | EKXJ201E□□121MJ40S |             | 82          | 10×45          | 0.20  | 515                               | EKXJ251E□□820MJ45S |
|             | 120         | 10×45          | 0.20  | 620                               | EKXJ201E□□121MJ45S |             | 82          | 12.5×25        | 0.20  | 565                               | EKXJ251E□□820MK25S |
|             | 120         | 12.5×30        | 0.20  | 725                               | EKXJ201E□□121MK30S |             | 100         | 10×50          | 0.20  | 585                               | EKXJ251E□□101MJ50S |
|             | 120         | 16×20          | 0.20  | 695                               | EKXJ201E□□121ML20S |             | 100         | 12.5×30        | 0.20  | 660                               | EKXJ251E□□101MK30S |
|             | 150         | 10×50          | 0.20  | 720                               | EKXJ201E□□151MJ50S |             | 100         | 14.5×25        | 0.20  | 665                               | EKXJ251E□□101MU25S |
|             | 150         | 12.5×35        | 0.20  | 860                               | EKXJ201E□□151MK35S |             | 100         | 16×20          | 0.20  | 635                               | EKXJ251E□□101ML20S |
|             | 150         | 14.5×25        | 0.20  | 810                               | EKXJ201E□□151MU25S |             | 120         | 12.5×35        | 0.20  | 770                               | EKXJ251E□□121MK35S |
|             | 180         | 14.5×31.5      | 0.20  | 955                               | EKXJ201E□□181MUN3S |             | 120         | 16×25          | 0.20  | 755                               | EKXJ251E□□121ML25S |
|             | 180         | 16×25          | 0.20  | 925                               | EKXJ201E□□181ML25S |             | 120         | 18×20          | 0.20  | 730                               | EKXJ251E□□121MM20S |
|             | 180         | 18×20          | 0.20  | 895                               | EKXJ201E□□181MM20S |             | 150         | 12.5×40        | 0.20  | 890                               | EKXJ251E□□151MK40S |
|             | 220         | 12.5×40        | 0.20  | 1,075                             | EKXJ201E□□221MK40S |             | 150         | 12.5×45        | 0.20  | 920                               | EKXJ251E□□151MK45S |
|             | 220         | 12.5×45        | 0.20  | 1,110                             | EKXJ201E□□221MK45S |             | 150         | 14.5×31.5      | 0.20  | 870                               | EKXJ251E□□151MUN3S |
|             | 220         | 14.5×35.5      | 0.20  | 1,095                             | EKXJ201E□□221MUP1S |             | 180         | 12.5×50        | 0.20  | 1,035                             | EKXJ251E□□181MK50S |
|             | 220         | 18×25          | 0.20  | 1,050                             | EKXJ201E□□221MM25S |             | 180         | 14.5×35.5      | 0.20  | 990                               | EKXJ251E□□181MUP1S |
|             | 270         | 12.5×50        | 0.20  | 1,265                             | EKXJ201E□□271MK50S |             | 180         | 14.5×40        | 0.20  | 1,020                             | EKXJ251E□□181MU40S |
|             | 270         | 14.5×40        | 0.20  | 1,250                             | EKXJ201E□□271MU40S |             | 180         | 16×31.5        | 0.20  | 995                               | EKXJ251E□□181MLN3S |
|             | 270         | 14.5×45        | 0.20  | 1,290                             | EKXJ201E□□271MU45S |             | 180         | 18×25          | 0.20  | 950                               | EKXJ251E□□181MM25S |
|             | 270         | 16×31.5        | 0.20  | 1,220                             | EKXJ201E□□271MLN3S |             | 220         | 14.5×45        | 0.20  | 1,160                             | EKXJ251E□□221MU45S |
|             | 270         | 16×35.5        | 0.20  | 1,250                             | EKXJ201E□□271MLP1S |             | 220         | 14.5×50        | 0.20  | 1,185                             | EKXJ251E□□221MU50S |
|             | 330         | 14.5×50        | 0.20  | 1,450                             | EKXJ201E□□331MU50S |             | 220         | 16×35.5        | 0.20  | 1,125                             | EKXJ251E□□221MLP1S |
|             | 330         | 16×40          | 0.20  | 1,425                             | EKXJ201E□□331ML40S |             | 220         | 18×31.5        | 0.20  | 1,135                             | EKXJ251E□□221MMN3S |
|             | 330         | 18×31.5        | 0.20  | 1,395                             | EKXJ201E□□331MMN3S |             | 270         | 16×40          | 0.20  | 1,285                             | EKXJ251E□□271ML40S |
|             | 390         | 16×45          | 0.20  | 1,575                             | EKXJ201E□□391ML45S |             | 270         | 16×45          | 0.20  | 1,310                             | EKXJ251E□□271ML45S |
|             | 390         | 18×35.5        | 0.20  | 1,565                             | EKXJ201E□□391MMP1S |             | 270         | 18×35.5        | 0.20  | 1,300                             | EKXJ251E□□271MMP1S |
|             | 470         | 16×50          | 0.20  | 1,755                             | EKXJ201E□□471ML50S |             | 330         | 16×50          | 0.20  | 1,475                             | EKXJ251E□□331ML50S |
|             | 470         | 18×40          | 0.20  | 1,745                             | EKXJ201E□□471MM40S |             | 330         | 18×40          | 0.20  | 1,460                             | EKXJ251E□□331MM40S |
|             | 470         | 18×45          | 0.20  | 1,770                             | EKXJ201E□□471MM45S |             | 330         | 18×45          | 0.20  | 1,485                             | EKXJ251E□□331MM45S |
|             | 560         | 18×50          | 0.20  | 1,945                             | EKXJ201E□□561MM50S |             | 390         | 18×50          | 0.20  | 1,625                             | EKXJ251E□□391MM50S |

□□内为端子加工・编带代码。

## ◆标准品一览表

| WV<br>(Vdc) | Cap<br>(μF) | 尺寸<br>φD×L(mm) | tan δ | 额定纹波电流<br>(mA rms/<br>105℃、120Hz) | 产品型号               | WV<br>(Vdc) | Cap<br>(μF) | 尺寸<br>φD×L(mm) | tan δ | 额定纹波电流<br>(mA rms/<br>105℃、120Hz) | 产品型号               |
|-------------|-------------|----------------|-------|-----------------------------------|--------------------|-------------|-------------|----------------|-------|-----------------------------------|--------------------|
| 350         | 12          | 10×16          | 0.24  | 135                               | EKXJ351E□□120MJ16S | 420         | 6.8         | 10×16          | 0.24  | 105                               | EKXJ421E□□6R8MJ16S |
|             | 22          | 10×20          | 0.24  | 200                               | EKXJ351E□□220MJ20S |             | 12          | 10×20          | 0.24  | 150                               | EKXJ421E□□120MJ20S |
|             | 27          | 10×25          | 0.24  | 240                               | EKXJ351E□□270MJ25S |             | 15          | 10×25          | 0.24  | 185                               | EKXJ421E□□150MJ25S |
|             | 27          | 10×30          | 0.24  | 255                               | EKXJ351E□□270MJ30S |             | 18          | 10×30          | 0.24  | 215                               | EKXJ421E□□180MJ30S |
|             | 33          | 12.5×20        | 0.24  | 330                               | EKXJ351E□□330MK20S |             | 22          | 12.5×20        | 0.24  | 285                               | EKXJ421E□□220MK20S |
|             | 39          | 10×35          | 0.24  | 325                               | EKXJ351E□□390MJ35S |             | 27          | 10×35          | 0.24  | 275                               | EKXJ421E□□270MJ35S |
|             | 47          | 10×40          | 0.24  | 375                               | EKXJ351E□□470MJ40S |             | 27          | 10×40          | 0.24  | 290                               | EKXJ421E□□270MJ40S |
|             | 47          | 12.5×25        | 0.24  | 425                               | EKXJ351E□□470MK25S |             | 27          | 12.5×25        | 0.24  | 340                               | EKXJ421E□□270MK25S |
|             | 47          | 14.5×20        | 0.24  | 420                               | EKXJ351E□□470MU20S |             | 27          | 14.5×20        | 0.24  | 335                               | EKXJ421E□□270MU20S |
|             | 56          | 10×45          | 0.24  | 425                               | EKXJ351E□□560MJ45S |             | 33          | 10×45          | 0.24  | 335                               | EKXJ421E□□330MJ45S |
|             | 56          | 12.5×30        | 0.24  | 495                               | EKXJ351E□□560MK30S |             | 33          | 12.5×30        | 0.24  | 400                               | EKXJ421E□□330MK30S |
|             | 56          | 16×20          | 0.24  | 475                               | EKXJ351E□□560ML20S |             | 33          | 16×20          | 0.24  | 385                               | EKXJ421E□□330ML20S |
|             | 68          | 10×50          | 0.24  | 485                               | EKXJ351E□□680MJ50S |             | 39          | 10×50          | 0.24  | 375                               | EKXJ421E□□390MJ50S |
|             | 68          | 12.5×35        | 0.24  | 580                               | EKXJ351E□□680MK35S |             | 39          | 14.5×25        | 0.24  | 435                               | EKXJ421E□□390MU25S |
|             | 68          | 14.5×25        | 0.24  | 545                               | EKXJ351E□□680MU25S |             | 47          | 12.5×35        | 0.24  | 505                               | EKXJ421E□□470MK35S |
|             | 68          | 18×20          | 0.24  | 550                               | EKXJ351E□□680MM20S |             | 47          | 16×25          | 0.24  | 500                               | EKXJ421E□□470ML25S |
|             | 82          | 12.5×40        | 0.24  | 655                               | EKXJ351E□□820MK40S |             | 47          | 18×20          | 0.24  | 480                               | EKXJ421E□□470MM20S |
|             | 82          | 14.5×31.5      | 0.24  | 645                               | EKXJ351E□□820MUN3S |             | 56          | 12.5×40        | 0.24  | 570                               | EKXJ421E□□820MK40S |
|             | 82          | 16×25          | 0.24  | 625                               | EKXJ351E□□820ML25S |             | 56          | 12.5×45        | 0.24  | 590                               | EKXJ421E□□560MK45S |
|             | 100         | 12.5×45        | 0.24  | 750                               | EKXJ351E□□101MK45S |             | 56          | 14.5×31.5      | 0.24  | 560                               | EKXJ421E□□560MUN3S |
|             | 100         | 12.5×50        | 0.24  | 770                               | EKXJ351E□□101MK50S |             | 68          | 12.5×50        | 0.24  | 670                               | EKXJ421E□□680MK50S |
|             | 100         | 14.5×35.5      | 0.24  | 740                               | EKXJ351E□□101MUP1S |             | 68          | 14.5×35.5      | 0.24  | 640                               | EKXJ421E□□680MUP1S |
|             | 100         | 16×31.5        | 0.24  | 740                               | EKXJ351E□□101MLN3S |             | 68          | 14.5×40        | 0.24  | 660                               | EKXJ421E□□680MU40S |
|             | 100         | 18×25          | 0.24  | 710                               | EKXJ351E□□101MM25S |             | 68          | 16×31.5        | 0.24  | 645                               | EKXJ421E□□680MLN3S |
|             | 120         | 14.5×40        | 0.24  | 835                               | EKXJ351E□□121MU40S |             | 68          | 18×25          | 0.24  | 615                               | EKXJ421E□□680MM25S |
|             | 120         | 14.5×45        | 0.24  | 860                               | EKXJ351E□□121MU45S |             | 82          | 14.5×45        | 0.24  | 750                               | EKXJ421E□□820MU45S |
|             | 120         | 16×35.5        | 0.24  | 830                               | EKXJ351E□□121MLP1S |             | 82          | 16×35.5        | 0.24  | 725                               | EKXJ421E□□820MLP1S |
|             | 150         | 14.5×50        | 0.24  | 980                               | EKXJ351E□□151MU50S |             | 82          | 18×31.5        | 0.24  | 730                               | EKXJ421E□□820MMN3S |
|             | 150         | 16×40          | 0.24  | 960                               | EKXJ351E□□151ML40S |             | 100         | 14.5×50        | 0.24  | 845                               | EKXJ421E□□101MU50S |
|             | 150         | 16×45          | 0.24  | 975                               | EKXJ351E□□151ML45S |             | 100         | 16×40          | 0.24  | 825                               | EKXJ421E□□101ML40S |
|             | 150         | 18×31.5        | 0.24  | 940                               | EKXJ351E□□151MMN3S |             | 100         | 16×45          | 0.24  | 840                               | EKXJ421E□□101ML45S |
|             | 180         | 16×50          | 0.24  | 1,090                             | EKXJ351E□□181ML50S |             | 100         | 18×35.5        | 0.24  | 835                               | EKXJ421E□□101MMP1S |
|             | 180         | 18×35.5        | 0.24  | 1,065                             | EKXJ351E□□181MMP1S |             | 120         | 16×50          | 0.24  | 935                               | EKXJ421E□□121ML50S |
|             | 180         | 18×40          | 0.24  | 1,080                             | EKXJ351E□□181MM40S |             | 120         | 18×40          | 0.24  | 930                               | EKXJ421E□□121MM40S |
|             | 220         | 18×45          | 0.24  | 1,210                             | EKXJ351E□□221MM45S |             | 120         | 18×45          | 0.24  | 945                               | EKXJ421E□□121MM45S |
|             | 220         | 18×50          | 0.24  | 1,220                             | EKXJ351E□□221MM50S |             | 150         | 18×50          | 0.24  | 1,060                             | EKXJ421E□□151MM50S |
| 400         | 10          | 10×16          | 0.24  | 125                               | EKXJ401E□□100MJ16S | 450         | 6.8         | 10×16          | 0.24  | 105                               | EKXJ451E□□6R8MJ16S |
|             | 18          | 10×20          | 0.24  | 180                               | EKXJ401E□□180MJ20S |             | 12          | 10×20          | 0.24  | 150                               | EKXJ451E□□120MJ20S |
|             | 22          | 10×25          | 0.24  | 215                               | EKXJ401E□□220MJ25S |             | 15          | 10×25          | 0.24  | 185                               | EKXJ451E□□150MJ25S |
|             | 27          | 10×30          | 0.24  | 255                               | EKXJ401E□□270MJ30S |             | 18          | 10×30          | 0.24  | 215                               | EKXJ451E□□180MJ30S |
|             | 27          | 12.5×20        | 0.24  | 300                               | EKXJ401E□□270MK20S |             | 18          | 12.5×20        | 0.24  | 255                               | EKXJ451E□□180MK20S |
|             | 33          | 10×35          | 0.24  | 300                               | EKXJ401E□□330MJ35S |             | 22          | 10×35          | 0.24  | 250                               | EKXJ451E□□220MJ35S |
|             | 39          | 10×40          | 0.24  | 340                               | EKXJ401E□□390MJ40S |             | 27          | 10×40          | 0.24  | 290                               | EKXJ451E□□270MJ40S |
|             | 39          | 10×45          | 0.24  | 355                               | EKXJ401E□□390MJ45S |             | 27          | 10×45          | 0.24  | 305                               | EKXJ451E□□270MJ45S |
|             | 39          | 12.5×25        | 0.24  | 390                               | EKXJ401E□□390MK25S |             | 27          | 12.5×25        | 0.24  | 340                               | EKXJ451E□□270MK25S |
|             | 39          | 14.5×20        | 0.24  | 385                               | EKXJ401E□□390MU20S |             | 27          | 14.5×20        | 0.24  | 335                               | EKXJ451E□□270MU20S |
|             | 47          | 12.5×30        | 0.24  | 455                               | EKXJ401E□□470MK30S |             | 33          | 12.5×30        | 0.24  | 400                               | EKXJ451E□□330MK30S |
|             | 47          | 16×20          | 0.24  | 435                               | EKXJ401E□□470ML20S |             | 33          | 14.5×25        | 0.24  | 400                               | EKXJ451E□□330MU25S |
|             | 56          | 10×50          | 0.24  | 440                               | EKXJ401E□□560MJ50S |             | 33          | 16×20          | 0.24  | 385                               | EKXJ451E□□330ML20S |
|             | 56          | 12.5×35        | 0.24  | 525                               | EKXJ401E□□560MK35S |             | 39          | 10×50          | 0.24  | 375                               | EKXJ451E□□390MJ50S |
|             | 56          | 14.5×25        | 0.24  | 495                               | EKXJ401E□□560MU25S |             | 39          | 12.5×35        | 0.24  | 460                               | EKXJ451E□□390MK35S |
|             | 56          | 18×20          | 0.24  | 500                               | EKXJ401E□□560MM20S |             | 39          | 18×20          | 0.24  | 440                               | EKXJ451E□□390MM20S |
|             | 68          | 12.5×40        | 0.24  | 600                               | EKXJ401E□□680MK40S |             | 47          | 12.5×40        | 0.24  | 525                               | EKXJ451E□□470MK40S |
|             | 68          | 14.5×31.5      | 0.24  | 585                               | EKXJ401E□□680MUN3S |             | 47          | 14.5×31.5      | 0.24  | 515                               | EKXJ451E□□470MUN3S |
|             | 68          | 16×25          | 0.24  | 570                               | EKXJ401E□□680ML25S |             | 47          | 16×25          | 0.24  | 500                               | EKXJ451E□□470ML25S |
|             | 82          | 12.5×45        | 0.24  | 680                               | EKXJ401E□□820MK45S |             | 56          | 12.5×45        | 0.24  | 590                               | EKXJ451E□□560MK45S |
|             | 82          | 12.5×50        | 0.24  | 700                               | EKXJ401E□□820MK50S |             | 56          | 14.5×35.5      | 0.24  | 580                               | EKXJ451E□□560MUP1S |
|             | 82          | 14.5×35.5      | 0.24  | 670                               | EKXJ401E□□820MUP1S |             | 56          | 16×31.5        | 0.24  | 585                               | EKXJ451E□□560MLN3S |
|             | 82          | 16×31.5        | 0.24  | 670                               | EKXJ401E□□820MLN3S |             | 56          | 18×25          | 0.24  | 560                               | EKXJ451E□□560MM25S |
|             | 82          | 18×25          | 0.24  | 640                               | EKXJ401E□□820MM25S |             | 68          | 12.5×50        | 0.24  | 670                               | EKXJ451E□□680MK50S |
|             | 100         | 14.5×40        | 0.24  | 760                               | EKXJ401E□□101MU40S |             | 68          | 14.5×40        | 0.24  | 660                               | EKXJ451E□□680MU40S |
|             | 100         | 14.5×45        | 0.24  | 785                               | EKXJ401E□□101MU45S |             | 68          | 14.5×45        | 0.24  | 680                               | EKXJ451E□□680MU45S |
|             | 100         | 16×35.5        | 0.24  | 760                               | EKXJ401E□□101MLP1S |             | 68          | 16×35.5        | 0.24  | 660                               | EKXJ451E□□680MLP1S |
|             | 120         | 14.5×50        | 0.24  | 875                               | EKXJ401E□□121MU50S |             | 82          | 14.5×50        | 0.24  | 765                               | EKXJ451E□□820MU50S |
|             | 120         | 16×40          | 0.24  | 860                               | EKXJ401E□□121ML40S |             | 82          | 16×40          | 0.24  | 750                               | EKXJ451E□□820ML40S |
|             | 120         | 16×45          | 0.24  | 875                               | EKXJ401E□□121ML45S |             | 82          | 16×45          | 0.24  | 760                               | EKXJ451E□□820ML45S |
|             | 120         | 18×31.5        | 0.24  | 840                               | EKXJ401E□□121MMN3S |             | 82          | 18×31.5        | 0.24  | 730                               | EKXJ451E□□820MMN3S |
|             | 120         | 18×35.5        | 0.24  | 870                               | EKXJ401E□□121MMP1S |             | 100         | 16×50          | 0.24  | 855                               | EKXJ451E□□101ML50S |
|             | 150         | 16×50          | 0.24  | 995                               | EKXJ401E□□151ML50S |             | 100         | 18×35.5        | 0.24  | 835                               | EKXJ451E□□101MMP1S |
|             | 150         | 18×40          | 0.24  | 985                               | EKXJ401E□□151MM40S |             | 120         | 18×40          | 0.24  | 930                               | EKXJ451E□□121MM40S |
|             | 180         | 18×45          | 0.24  | 1,095                             | EKXJ401E□□181MM45S |             | 120         | 18×45          | 0.24  | 945                               | EKXJ451E□□121MM45S |
|             | 220         | 18×50          | 0.24  | 1,220                             | EKXJ401E□□221MM50S |             | 150         | 18×50          | 0.24  | 1,060                             | EKXJ451E□□151MM50S |

□□内为端子加工・编带代码。

◆标准品一览表

| WV<br>(V <sub>dc</sub> ) | Cap<br>(μF) | 尺寸<br>φD×L (mm) | tan δ | 额定纹波电流<br>(mA <sub>rms</sub> /105℃、120Hz) | 产品型号               |
|--------------------------|-------------|-----------------|-------|-------------------------------------------|--------------------|
| 500                      | 6.8         | 10×20           | 0.24  | 90                                        | EKXJ501E□□6R8MJ20S |
|                          | 8.2         | 10×25           | 0.24  | 110                                       | EKXJ501E□□8R2MJ25S |
|                          | 10          | 10×30           | 0.24  | 130                                       | EKXJ501E□□100MJ30S |
|                          | 12          | 12.5×20         | 0.24  | 135                                       | EKXJ501E□□120MK20S |
|                          | 15          | 10×35           | 0.24  | 170                                       | EKXJ501E□□150MJ35S |
|                          | 15          | 10×40           | 0.24  | 175                                       | EKXJ501E□□150MJ40S |
|                          | 15          | 12.5×25         | 0.24  | 165                                       | EKXJ501E□□150MK25S |
|                          | 18          | 10×45           | 0.24  | 190                                       | EKXJ501E□□180MJ45S |
|                          | 18          | 12.5×30         | 0.24  | 190                                       | EKXJ501E□□180MK30S |
|                          | 22          | 10×50           | 0.24  | 230                                       | EKXJ501E□□220MJ50S |
|                          | 22          | 12.5×35         | 0.24  | 220                                       | EKXJ501E□□220MK35S |
|                          | 27          | 12.5×40         | 0.24  | 260                                       | EKXJ501E□□270MK40S |
|                          | 33          | 12.5×45         | 0.24  | 285                                       | EKXJ501E□□330MK45S |
|                          | 39          | 12.5×50         | 0.24  | 330                                       | EKXJ501E□□390MK50S |

□□内为端子加工・编带代码。

◆额定纹波电流频率修正系数

纹波频率与标准品一览表的规定值相异时，请使用小于乘以下表系数所得之值的值。

●频率修正系数

(160～450V<sub>dc</sub>)

| 静电容量(μF) | 频率(Hz) | 120  | 1k   | 10k  | 100k |
|----------|--------|------|------|------|------|
| 6.8～82   |        | 1.00 | 1.75 | 2.25 | 2.50 |
| 100～680  |        | 1.00 | 1.67 | 2.05 | 2.25 |

(500V<sub>dc</sub>)

| 静电容量(μF) | 频率(Hz) | 120  | 1k   | 10k  | 100k |
|----------|--------|------|------|------|------|
| 6.8～22   |        | 1.00 | 1.78 | 2.30 | 2.59 |
| 27～39    |        | 1.00 | 1.75 | 2.25 | 2.50 |

※ 铝电解电容器由于在纹波电流叠加时自我发热、温度上升而老化，每升温 5℃寿命减少一半。  
要想保持长寿命请在使用过程中降低纹波电流。