

## LXV 系列

标准品

低 Z

耐清洗

RoHS指令  
适应品



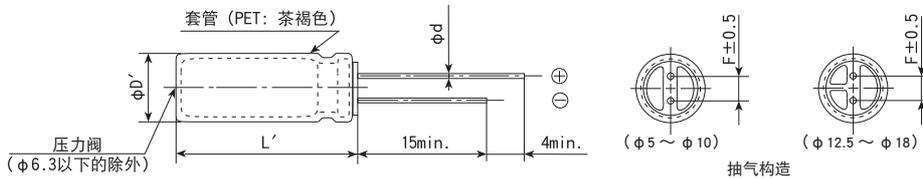
- 高频率平滑用阻抗品。
- 保证 105°C 2,000 ~ 5,000 小时。(纹波叠加)

### 规格表

| 项 目   | 性 能   |   |
|---|---|---|
| 工作温度范围  | -55~+105°C  |   |
| 额定电压范围  | 6.3~100V <sub>dc</sub>  |   |
| 静电容量容许差   | ±20%(M) (20°C、120Hz)  |   |
| 漏电流   | I ≤ 0.01CV 或者 3μA 中任意一个较大值<br>I: 漏电流(μA)、C: 静电容量(μF)、V: 额定电压(V <sub>dc</sub> ) (20°C、2分值) |   |
| 损失角正切值 (tan δ)  | 额定电压 (V <sub>dc</sub> )   | 6.3V 10V 16V 25V 35V 50V 63V 80V 100V             |
|   | tan δ (Max.)  | 0.22 0.19 0.16 0.14 0.12 0.10 0.10 0.10 0.09 0.08 |
| 但是, 超过1,000μF的每增加1,000μF则tan δ 设定增加0.02。 (20°C、120Hz) |   |   |
| 温度特性  | 静电容量变化C(-55°C)/C(+20°C)   | ≥0.7  |
|   | 阻抗比Z(-55°C)/Z(+20°C)  | ≤3(6.3V <sub>dc</sub> : ≤4) (120Hz)               |
| 耐久性   | 在105°C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°C进行测量时, 应满足以下要求。                  |   |
|   | 规定时间  | φ5~6.3: 2,000小时、φ8~10: 3,000小时、φ12.5以上: 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  |
| 高温无负荷特性   | 在105°C环境中, 无负荷放置1,000小时后待温度恢复到20°C, 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  |

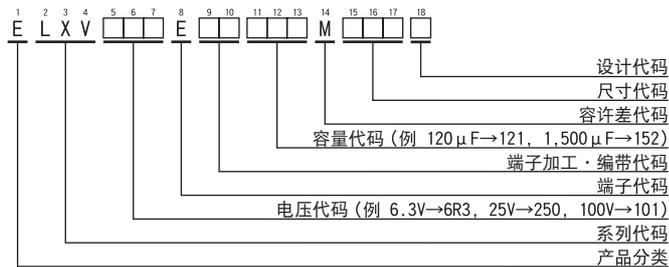
### 尺寸图 (CE04 形) [mm]

- 端子代码: E



| φD  | 5          | 6.3 | 8   | 10  | 12.5 | 16  | 18  |
|-----|------------|-----|-----|-----|------|-----|-----|
| φd  | 0.5        | 0.5 | 0.6 | 0.6 | 0.6  | 0.8 | 0.8 |
| F   | 2.0        | 2.5 | 3.5 | 5.0 | 5.0  | 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「产品型号的代表方法(引线型)」。

◆标准品一览表

| WV<br>(Vdc) | Cap<br>(μF) | 尺寸<br>φD×L(mm) | 阻抗<br>(Ωmax/100kHz) |       | 额定<br>纹波<br>电流<br>(mA <sub>RMS</sub> /<br>105°C、<br>100kHz) | 产品型号               | WV<br>(Vdc) | Cap<br>(μF) | 尺寸<br>φD×L(mm) | 阻抗<br>(Ωmax/100kHz) |       | 额定<br>纹波<br>电流<br>(mA <sub>RMS</sub> /<br>105°C、<br>100kHz) | 产品型号               |                    |
|-------------|-------------|----------------|---------------------|-------|---|--------------------|-------------|-------------|----------------|---------------------|-------|---|--------------------|--------------------|
|             |             |                | 20°C                | -10°C |   |                    |             |             |                | 20°C                | -10°C |   |                    |                    |
| 6.3         | 120         | 5×11.5         | 0.72                | 1.8   | 165   | ELXV6R3E□□121MEB5D | 16          | 2,700       | 12.5×35        | 0.027               | 0.068 | 2,230   | ELXV160E□□272MK35S |                    |
|             | 220         | 6.3×11.5       | 0.38                | 0.95  | 255   | ELXV6R3E□□221MFB5D |             | 2,700       | 16×25          | 0.028               | 0.070 | 2,190   | ELXV160E□□272ML25S |                    |
|             | 330         | 6.3×15         | 0.27                | 0.68  | 330   | ELXV6R3E□□331MF15D |             | 3,300       | 12.5×40        | 0.024               | 0.060 | 2,460   | ELXV160E□□332MK40S |                    |
|             | 390         | 8×12           | 0.20                | 0.50  | 415   | ELXV6R3E□□391MH12D |             | 3,300       | 18×20          | 0.036               | 0.090 | 1,940   | ELXV160E□□332MM20S |                    |
|             | 470         | 10×12.5        | 0.12                | 0.30  | 635   | ELXV6R3E□□471MJC5S |             | 3,900       | 16×30          | 0.025               | 0.063 | 2,510   | ELXV160E□□392ML30S |                    |
|             | 560         | 8×15           | 0.16                | 0.40  | 495   | ELXV6R3E□□561MH15D |             | 3,900       | 18×25          | 0.027               | 0.068 | 2,350   | ELXV160E□□392MM25S |                    |
|             | 680         | 10×16          | 0.084               | 0.21  | 825   | ELXV6R3E□□681MJ16S |             | 4,700       | 16×35          | 0.022               | 0.055 | 2,770   | ELXV160E□□472ML35S |                    |
|             | 820         | 8×20           | 0.11                | 0.28  | 640   | ELXV6R3E□□821MH20D |             | 4,700       | 18×30          | 0.024               | 0.060 | 2,720   | ELXV160E□□472MM30S |                    |
|             | 1,200       | 10×20          | 0.062               | 0.16  | 1,060   | ELXV6R3E□□122MJ20S |             | 5,600       | 16×40          | 0.018               | 0.045 | 3,110   | ELXV160E□□562ML40S |                    |
|             | 1,500       | 10×25          | 0.052               | 0.13  | 1,260   | ELXV6R3E□□152MJ25S |             | 6,800       | 18×35          | 0.021               | 0.053 | 3,050   | ELXV160E□□682MM35S |                    |
|             | 2,200       | 10×30          | 0.044               | 0.11  | 1,450   | ELXV6R3E□□222MJ30S |             | 8,200       | 18×40          | 0.017               | 0.043 | 3,300   | ELXV160E□□822MM40S |                    |
|             | 2,200       | 12.5×20        | 0.046               | 0.12  | 1,360   | ELXV6R3E□□222MK20S |             | 25          | 39             | 5×11.5              | 0.72  | 1.8   | 165                | ELXV250E□□390MEB5D |
|             | 2,700       | 12.5×25        | 0.034               | 0.085 | 1,700   | ELXV6R3E□□272MK25S |             |             | 82             | 6.3×11.5            | 0.38  | 0.95  | 255                | ELXV250E□□820MFB5D |
|             | 3,900       | 12.5×30        | 0.030               | 0.075 | 1,980   | ELXV6R3E□□392MK30S |             |             | 120            | 6.3×15              | 0.27  | 0.68  | 330                | ELXV250E□□121MF15D |
|             | 3,900       | 16×20          | 0.038               | 0.095 | 1,770   | ELXV6R3E□□392ML20S |             |             | 150            | 8×12                | 0.20  | 0.50  | 415                | ELXV250E□□151MH12D |
|             | 4,700       | 12.5×35        | 0.027               | 0.068 | 2,230   | ELXV6R3E□□472MK35S |             |             | 180            | 10×12.5             | 0.12  | 0.30  | 635                | ELXV250E□□181MJC5S |
|             | 5,600       | 12.5×40        | 0.024               | 0.060 | 2,460   | ELXV6R3E□□562MK40S |             |             | 220            | 8×15                | 0.16  | 0.40  | 495                | ELXV250E□□221MH15D |
|             | 5,600       | 16×25          | 0.028               | 0.070 | 2,190   | ELXV6R3E□□562ML25S |             |             | 330            | 8×20                | 0.11  | 0.28  | 640                | ELXV250E□□331MH20D |
|             | 5,600       | 18×20          | 0.036               | 0.090 | 1,940   | ELXV6R3E□□562MM20S |             |             | 330            | 10×16               | 0.084 | 0.21  | 825                | ELXV250E□□331MJ16S |
|             | 6,800       | 16×30          | 0.025               | 0.063 | 2,510   | ELXV6R3E□□682ML30S |             |             | 470            | 10×20               | 0.062 | 0.16  | 1,060              | ELXV250E□□471MJ20S |
| 6,800       | 18×25       | 0.027          | 0.068               | 2,350 | ELXV6R3E□□682MM25S  | 560                | 10×25       |             | 0.052          | 0.13                | 1,260 | ELXV250E□□561MJ25S  |                    |                    |
| 8,200       | 16×35       | 0.022          | 0.055               | 2,770 | ELXV6R3E□□822ML35S  | 820                | 10×30       |             | 0.044          | 0.11                | 1,450 | ELXV250E□□821MJ30S  |                    |                    |
| 10,000      | 16×40       | 0.018          | 0.045               | 3,110 | ELXV6R3E□□103ML40S  | 820                | 12.5×20     |             | 0.046          | 0.12                | 1,360 | ELXV250E□□821MK20S  |                    |                    |
| 10,000      | 18×30       | 0.024          | 0.060               | 2,720 | ELXV6R3E□□103MM30S  | 1,000              | 12.5×25     |             | 0.034          | 0.085               | 1,700 | ELXV250E□□102MK25S  |                    |                    |
| 12,000      | 18×35       | 0.021          | 0.053               | 3,050 | ELXV6R3E□□123MM35S  | 1,500              | 12.5×30     |             | 0.030          | 0.075               | 1,980 | ELXV250E□□152MK30S  |                    |                    |
| 15,000      | 18×40       | 0.017          | 0.043               | 3,300 | ELXV6R3E□□153MM40S  | 1,500              | 16×20       |             | 0.038          | 0.095               | 1,770 | ELXV250E□□152ML20S  |                    |                    |
| 10          | 82          | 5×11.5         | 0.72                | 1.8   | 165   | ELXV100E□□820MEB5D | 1,800       |             | 12.5×35        | 0.027               | 0.068 | 2,230   | ELXV250E□□182MK35S |                    |
|             | 180         | 6.3×11.5       | 0.38                | 0.95  | 255   | ELXV100E□□181MFB5D | 1,800       |             | 16×25          | 0.028               | 0.070 | 2,190   | ELXV250E□□182ML25S |                    |
|             | 270         | 6.3×15         | 0.27                | 0.68  | 330   | ELXV100E□□271MF15D | 2,200       |             | 12.5×40        | 0.024               | 0.060 | 2,460   | ELXV250E□□222MK40S |                    |
|             | 330         | 8×12           | 0.20                | 0.50  | 415   | ELXV100E□□331MH12D | 2,200       |             | 18×20          | 0.036               | 0.090 | 1,940   | ELXV250E□□222MM20S |                    |
|             | 390         | 10×12.5        | 0.12                | 0.30  | 635   | ELXV100E□□391MJC5S | 2,700       |             | 16×30          | 0.025               | 0.063 | 2,510   | ELXV250E□□272ML30S |                    |
|             | 470         | 8×15           | 0.16                | 0.40  | 495   | ELXV100E□□471MH15D | 2,700       | 18×25       | 0.027          | 0.068               | 2,350 | ELXV250E□□272MM25S  |                    |                    |
|             | 680         | 8×20           | 0.11                | 0.28  | 640   | ELXV100E□□681MH20D | 3,300       | 16×35       | 0.022          | 0.055               | 2,770 | ELXV250E□□332ML35S  |                    |                    |
|             | 680         | 10×16          | 0.084               | 0.21  | 825   | ELXV100E□□681MJ16S | 3,300       | 18×30       | 0.024          | 0.060               | 2,720 | ELXV250E□□332MM30S  |                    |                    |
|             | 1,000       | 10×20          | 0.062               | 0.16  | 1,060   | ELXV100E□□102MJ20S | 3,900       | 16×40       | 0.018          | 0.045               | 3,110 | ELXV250E□□392ML40S  |                    |                    |
|             | 1,200       | 10×25          | 0.052               | 0.13  | 1,260   | ELXV100E□□122MJ25S | 3,900       | 18×35       | 0.021          | 0.053               | 3,050 | ELXV250E□□392MM35S  |                    |                    |
|             | 1,500       | 10×30          | 0.044               | 0.11  | 1,450   | ELXV100E□□152MJ30S | 4,700       | 18×40       | 0.017          | 0.043               | 3,300 | ELXV250E□□472MM40S  |                    |                    |
|             | 1,800       | 12.5×20        | 0.046               | 0.12  | 1,360   | ELXV100E□□182MK20S | 35          | 27          | 5×11.5         | 0.72                | 1.8   | 165   | ELXV350E□□270MEB5D |                    |
|             | 2,200       | 12.5×25        | 0.034               | 0.085 | 1,700   | ELXV100E□□222MK25S |             | 56          | 6.3×11.5       | 0.38                | 0.95  | 255   | ELXV350E□□560MFB5D |                    |
|             | 2,700       | 12.5×30        | 0.030               | 0.075 | 1,980   | ELXV100E□□272MK30S |             | 82          | 6.3×15         | 0.27                | 0.68  | 330   | ELXV350E□□820MF15D |                    |
|             | 3,300       | 12.5×35        | 0.027               | 0.068 | 2,230   | ELXV100E□□332MK35S |             | 120         | 8×12           | 0.20                | 0.50  | 415   | ELXV350E□□121MH12D |                    |
|             | 3,300       | 16×20          | 0.038               | 0.095 | 1,770   | ELXV100E□□332ML20S |             | 120         | 10×12.5        | 0.12                | 0.30  | 635   | ELXV350E□□121MJC5S |                    |
|             | 3,900       | 12.5×40        | 0.024               | 0.060 | 2,460   | ELXV100E□□392MK40S |             | 180         | 8×15           | 0.16                | 0.40  | 495   | ELXV350E□□181MH15D |                    |
|             | 3,900       | 16×25          | 0.028               | 0.070 | 2,190   | ELXV100E□□392ML25S |             | 220         | 8×20           | 0.11                | 0.28  | 640   | ELXV350E□□221MH20D |                    |
|             | 3,900       | 18×20          | 0.036               | 0.090 | 1,940   | ELXV100E□□392MM20S |             | 220         | 10×16          | 0.084               | 0.21  | 825   | ELXV350E□□221MJ16S |                    |
|             | 4,700       | 18×25          | 0.027               | 0.068 | 2,350   | ELXV100E□□472MK35S |             | 330         | 10×20          | 0.062               | 0.16  | 1,060   | ELXV350E□□331MJ20S |                    |
| 5,600       | 16×30       | 0.025          | 0.063               | 2,510 | ELXV100E□□562ML30S  | 390                |             | 10×25       | 0.052          | 0.13                | 1,260 | ELXV350E□□391MJ25S  |                    |                    |
| 6,800       | 16×35       | 0.022          | 0.055               | 2,770 | ELXV100E□□682ML35S  | 560                |             | 10×30       | 0.044          | 0.11                | 1,450 | ELXV350E□□561MJ30S  |                    |                    |
| 6,800       | 18×30       | 0.024          | 0.060               | 2,720 | ELXV100E□□682MM30S  | 560                |             | 12.5×20     | 0.046          | 0.12                | 1,360 | ELXV350E□□561MK20S  |                    |                    |
| 8,200       | 16×40       | 0.018          | 0.045               | 3,110 | ELXV100E□□822ML40S  | 680                |             | 12.5×25     | 0.034          | 0.085               | 1,700 | ELXV350E□□681MK25S  |                    |                    |
| 8,200       | 18×35       | 0.021          | 0.053               | 3,050 | ELXV100E□□822MM35S  | 1,000              |             | 12.5×30     | 0.030          | 0.075               | 1,980 | ELXV350E□□102MK30S  |                    |                    |
| 10,000      | 18×40       | 0.017          | 0.043               | 3,300 | ELXV100E□□103MM40S  | 1,000              |             | 16×20       | 0.038          | 0.095               | 1,770 | ELXV350E□□102ML20S  |                    |                    |
| 16          | 56          | 5×11.5         | 0.72                | 1.8   | 165   | ELXV160E□□560MEB5D |             | 1,200       | 12.5×35        | 0.027               | 0.068 | 2,230   | ELXV350E□□122MK35S |                    |
|             | 120         | 6.3×11.5       | 0.38                | 0.95  | 255   | ELXV160E□□121MFB5D |             | 1,200       | 16×25          | 0.028               | 0.070 | 2,190   | ELXV350E□□122ML25S |                    |
|             | 180         | 6.3×15         | 0.27                | 0.68  | 330   | ELXV160E□□181MF15D |             | 1,500       | 12.5×40        | 0.024               | 0.060 | 2,460   | ELXV350E□□152MK40S |                    |
|             | 270         | 8×12           | 0.20                | 0.50  | 415   | ELXV160E□□271MH12D |             | 1,500       | 18×20          | 0.036               | 0.090 | 1,940   | ELXV350E□□152MM20S |                    |
|             | 270         | 10×12.5        | 0.12                | 0.30  | 635   | ELXV160E□□271MJC5S |             | 1,800       | 16×30          | 0.025               | 0.063 | 2,510   | ELXV350E□□182ML30S |                    |
|             | 330         | 8×15           | 0.16                | 0.40  | 495   | ELXV160E□□331MH15D | 1,800       | 18×25       | 0.027          | 0.068               | 2,350 | ELXV350E□□182MM25S  |                    |                    |
|             | 470         | 8×20           | 0.11                | 0.28  | 640   | ELXV160E□□471MH20D | 2,200       | 16×35       | 0.022          | 0.055               | 2,770 | ELXV350E□□222ML35S  |                    |                    |
|             | 470         | 10×16          | 0.084               | 0.21  | 825   | ELXV160E□□471MJ16S | 2,200       | 18×30       | 0.024          | 0.060               | 2,720 | ELXV350E□□222MM30S  |                    |                    |
|             | 680         | 10×20          | 0.062               | 0.16  | 1,060   | ELXV160E□□681MJ20S | 2,700       | 16×40       | 0.018          | 0.045               | 3,110 | ELXV350E□□272ML40S  |                    |                    |
|             | 820         | 10×25          | 0.052               | 0.13  | 1,260   | ELXV160E□□821MJ25S | 2,700       | 18×35       | 0.021          | 0.053               | 3,050 | ELXV350E□□272MM35S  |                    |                    |
|             | 1,200       | 10×30          | 0.044               | 0.11  | 1,450   | ELXV160E□□122MJ30S | 3,300       | 18×40       | 0.017          | 0.043               | 3,300 | ELXV350E□□332MM40S  |                    |                    |
|             | 1,200       | 12.5×20        | 0.046               | 0.12  | 1,360   | ELXV160E□□122MK20S | 50          | 18          | 5×11.5         | 1.1                 | 3.3   | 165   | ELXV500E□□180MEB5D |                    |
|             | 1,500       | 12.5×25        | 0.034               | 0.085 | 1,700   | ELXV160E□□152MK25S |             | 39          | 6.3×11.5       | 0.56                | 1.6   | 255   | ELXV500E□□390MFB5D |                    |
|             | 2,200       | 12.5×30        | 0.030               | 0.075 | 1,980   | ELXV160E□□222MK30S |             | 56          | 6.3×15         | 0.41                | 1.2   | 310   | ELXV500E□□560MF15D |                    |
|             | 2,200       | 16×20          | 0.038               | 0.095 | 1,770   | ELXV160E□□222ML20S |             | 68          | 8×12           | 0.29                | 0.84  | 415   | ELXV500E□□680MH12D |                    |

□□内为端子加工·编带代码。

目录中记载的内容有可能未经提示而变更。贵司在购买、使用时请要求敝司提供规格书，并以此为准去使用。

◆标准品一览表

| WV (Vdc) | Cap (μF) | 尺寸 φD×L(mm) | 阻抗 (Ωmax/100kHz) |       | 额定纹波电流 (mA <sub>rms</sub> /105℃、100kHz) | 产品型号               | WV (Vdc) | Cap (μF) | 尺寸 φD×L(mm) | 阻抗 (Ωmax/100kHz) |       | 额定纹波电流 (mA <sub>rms</sub> /105℃、100kHz) | 产品型号 |
|----------|----------|-------------|------------------|-------|---|--------------------|----------|----------|-------------|------------------|-------|---|------|
|          |          |             | 20℃              | -10℃  |   |                    |          |          |             | 20℃              | -10℃  |   |      |
|          |          |             | 50               | 82    |   |                    |          |          |             | 8×15             | 0.24  |   |      |
|          | 82       | 10×12.5     | 0.16             | 0.40  | 530                                     | ELXV500E□□820MJC5S | 33       | 8×12     | 0.53        | 1.5              | 275   | ELXV800E□□330MH12D                      |      |
|          | 120      | 8×20        | 0.18             | 0.52  | 610                                     | ELXV500E□□121MH20D | 39       | 10×12.5  | 0.47        | 1.3              | 380   | ELXV800E□□390MJC5S                      |      |
|          | 120      | 10×16       | 0.12             | 0.30  | 755                                     | ELXV500E□□121MJ16S | 47       | 8×15     | 0.35        | 0.97             | 360   | ELXV800E□□470MH15D                      |      |
|          | 180      | 10×20       | 0.088            | 0.22  | 945                                     | ELXV500E□□181MJ20S | 56       | 8×20     | 0.27        | 0.74             | 490   | ELXV800E□□560MH20D                      |      |
|          | 220      | 10×25       | 0.068            | 0.17  | 1,150                                   | ELXV500E□□221MJ25S | 56       | 10×16    | 0.33        | 0.90             | 500   | ELXV800E□□560MJ16S                      |      |
|          | 330      | 10×30       | 0.059            | 0.15  | 1,260                                   | ELXV500E□□331MJ30S | 82       | 10×20    | 0.26        | 0.70             | 620   | ELXV800E□□820MJ20S                      |      |
|          | 330      | 12.5×20     | 0.059            | 0.15  | 1,190                                   | ELXV500E□□331MK20S | 100      | 10×25    | 0.19        | 0.52             | 795   | ELXV800E□□101MJ25S                      |      |
|          | 470      | 12.5×25     | 0.045            | 0.11  | 1,500                                   | ELXV500E□□471MK25S | 150      | 10×30    | 0.15        | 0.41             | 955   | ELXV800E□□151MJ30S                      |      |
|          | 560      | 12.5×30     | 0.039            | 0.098 | 1,720                                   | ELXV500E□□561MK30S | 150      | 12.5×20  | 0.15        | 0.41             | 890   | ELXV800E□□151MK20S                      |      |
|          | 680      | 12.5×35     | 0.033            | 0.083 | 1,900                                   | ELXV500E□□681MK35S | 180      | 12.5×25  | 0.11        | 0.30             | 1,040 | ELXV800E□□181MK25S                      |      |
|          | 680      | 16×20       | 0.043            | 0.11  | 1,500                                   | ELXV500E□□681ML20S | 270      | 12.5×30  | 0.094       | 0.26             | 1,270 | ELXV800E□□271MK30S                      |      |
|          | 820      | 12.5×40     | 0.029            | 0.073 | 2,120                                   | ELXV500E□□821MK40S | 370      | 16×20    | 0.11        | 0.30             | 1,240 | ELXV800E□□271ML20S                      |      |
|          | 820      | 16×25       | 0.033            | 0.083 | 1,880                                   | ELXV500E□□821ML25S | 230      | 12.5×35  | 0.087       | 0.24             | 1,450 | ELXV800E□□331MK35S                      |      |
|          | 820      | 18×20       | 0.039            | 0.098 | 1,660                                   | ELXV500E□□821MM20S | 330      | 16×25    | 0.081       | 0.22             | 1,440 | ELXV800E□□331ML25S                      |      |
|          | 1,000    | 16×30       | 0.029            | 0.073 | 2,150                                   | ELXV500E□□102ML30S | 390      | 12.5×40  | 0.060       | 0.17             | 1,610 | ELXV800E□□391MK40S                      |      |
|          | 1,000    | 18×25       | 0.030            | 0.075 | 2,020                                   | ELXV500E□□102MM25S | 390      | 18×20    | 0.085       | 0.23             | 1,450 | ELXV800E□□391MM20S                      |      |
|          | 1,200    | 16×35       | 0.025            | 0.063 | 2,320                                   | ELXV500E□□122ML35S | 470      | 16×30    | 0.058       | 0.16             | 1,790 | ELXV800E□□471ML30S                      |      |
|          | 1,500    | 16×40       | 0.021            | 0.053 | 2,650                                   | ELXV500E□□152ML40S | 470      | 18×25    | 0.070       | 0.19             | 1,650 | ELXV800E□□471MM25S                      |      |
|          | 1,500    | 18×30       | 0.026            | 0.065 | 2,340                                   | ELXV500E□□152MM30S | 560      | 16×35    | 0.052       | 0.14             | 2,000 | ELXV800E□□561ML35S                      |      |
|          | 1,800    | 18×35       | 0.023            | 0.058 | 2,620                                   | ELXV500E□□182MM35S | 680      | 16×40    | 0.041       | 0.11             | 2,200 | ELXV800E□□681ML40S                      |      |
|          | 2,200    | 18×40       | 0.020            | 0.050 | 2,790                                   | ELXV500E□□222MM40S | 680      | 18×30    | 0.058       | 0.16             | 1,850 | ELXV800E□□681MM30S                      |      |
|          | 12       | 5×11.5      | 1.9              | 4.8   | 100                                     | ELXV630E□□120MEB5D | 820      | 18×35    | 0.052       | 0.14             | 1,990 | ELXV800E□□821MM35S                      |      |
|          | 27       | 6.3×11.5    | 1.1              | 2.8   | 160                                     | ELXV630E□□270MFB5D | 1,000    | 18×40    | 0.041       | 0.11             | 2,370 | ELXV800E□□102MM40S                      |      |
|          | 39       | 6.3×15      | 0.62             | 1.6   | 230                                     | ELXV630E□□390MF15D | 5.6      | 5×11.5   | 1.9         | 5.1              | 100   | ELXV101E□□5R6MEB5D                      |      |
|          | 47       | 8×12        | 0.49             | 1.3   | 275                                     | ELXV630E□□470MH12D | 12       | 6.3×11.5 | 1.1         | 3.0              | 150   | ELXV101E□□120MFB5D                      |      |
|          | 56       | 10×12.5     | 0.27             | 0.68  | 420                                     | ELXV630E□□560MJC5S | 18       | 6.3×15   | 0.62        | 1.7              | 220   | ELXV101E□□180MF15D                      |      |
|          | 68       | 8×15        | 0.34             | 0.85  | 360                                     | ELXV630E□□680MH15D | 22       | 8×12     | 0.53        | 1.5              | 275   | ELXV101E□□220MH12D                      |      |
|          | 68       | 10×16       | 0.21             | 0.53  | 523                                     | ELXV630E□□680MJ16S | 27       | 10×12.5  | 0.47        | 1.3              | 380   | ELXV101E□□270MJC5S                      |      |
|          | 82       | 8×20        | 0.21             | 0.53  | 500                                     | ELXV630E□□820MH20D | 33       | 8×15     | 0.35        | 0.97             | 360   | ELXV101E□□330MH15D                      |      |
|          | 120      | 10×20       | 0.16             | 0.40  | 650                                     | ELXV630E□□121MJ20S | 33       | 10×16    | 0.33        | 0.90             | 500   | ELXV101E□□330MJ16S                      |      |
|          | 150      | 10×25       | 0.13             | 0.33  | 780                                     | ELXV630E□□151MJ25S | 39       | 8×20     | 0.27        | 0.74             | 490   | ELXV101E□□390MH20D                      |      |
|          | 180      | 10×30       | 0.10             | 0.25  | 960                                     | ELXV630E□□181MJ30S | 56       | 10×20    | 0.26        | 0.70             | 620   | ELXV101E□□560MJ20S                      |      |
|          | 220      | 12.5×20     | 0.11             | 0.28  | 870                                     | ELXV630E□□221MK20S | 68       | 10×25    | 0.19        | 0.52             | 795   | ELXV101E□□680MJ25S                      |      |
|          | 270      | 12.5×25     | 0.074            | 0.19  | 1,150                                   | ELXV630E□□271MK25S | 100      | 10×30    | 0.15        | 0.41             | 955   | ELXV101E□□101MJ30S                      |      |
|          | 390      | 12.5×30     | 0.068            | 0.17  | 1,280                                   | ELXV630E□□391MK30S | 100      | 12.5×20  | 0.15        | 0.41             | 890   | ELXV101E□□101MK20S                      |      |
|          | 390      | 16×20       | 0.085            | 0.22  | 1,100                                   | ELXV630E□□391ML20S | 120      | 12.5×25  | 0.11        | 0.30             | 1,040 | ELXV101E□□121MK25S                      |      |
|          | 470      | 12.5×35     | 0.063            | 0.16  | 1,390                                   | ELXV630E□□471MK35S | 180      | 12.5×30  | 0.094       | 0.26             | 1,270 | ELXV101E□□181MK30S                      |      |
|          | 470      | 16×25       | 0.055            | 0.14  | 1,480                                   | ELXV630E□□471ML25S | 180      | 16×20    | 0.11        | 0.30             | 1,240 | ELXV101E□□181ML20S                      |      |
|          | 560      | 12.5×40     | 0.051            | 0.13  | 1,530                                   | ELXV630E□□561MK40S | 220      | 12.5×35  | 0.087       | 0.24             | 1,450 | ELXV101E□□221MK35S                      |      |
|          | 560      | 18×20       | 0.085            | 0.22  | 1,170                                   | ELXV630E□□561MM20S | 220      | 16×25    | 0.081       | 0.22             | 1,440 | ELXV101E□□221ML25S                      |      |
|          | 680      | 16×30       | 0.046            | 0.12  | 1,720                                   | ELXV630E□□681ML30S | 270      | 12.5×40  | 0.060       | 0.17             | 1,610 | ELXV101E□□271MK40S                      |      |
|          | 680      | 18×25       | 0.055            | 0.14  | 1,520                                   | ELXV630E□□681MM25S | 270      | 18×20    | 0.085       | 0.23             | 1,450 | ELXV101E□□271MM20S                      |      |
|          | 820      | 16×35       | 0.040            | 0.10  | 1,910                                   | ELXV630E□□821ML35S | 330      | 16×30    | 0.058       | 0.16             | 1,790 | ELXV101E□□331ML30S                      |      |
|          | 820      | 18×30       | 0.046            | 0.12  | 1,770                                   | ELXV630E□□821MM30S | 330      | 18×25    | 0.070       | 0.19             | 1,650 | ELXV101E□□331MM25S                      |      |
|          | 1,000    | 16×40       | 0.036            | 0.09  | 2,070                                   | ELXV630E□□102ML40S | 390      | 16×35    | 0.052       | 0.14             | 2,000 | ELXV101E□□391ML35S                      |      |
|          | 1,000    | 18×35       | 0.040            | 0.10  | 1,970                                   | ELXV630E□□102MM35S | 390      | 18×30    | 0.058       | 0.16             | 1,850 | ELXV101E□□391MM30S                      |      |
|          | 1,200    | 18×40       | 0.036            | 0.09  | 2,130                                   | ELXV630E□□122MM40S | 470      | 16×40    | 0.041       | 0.11             | 2,200 | ELXV101E□□471ML40S                      |      |
| 80       | 8.2      | 5×11.5      | 1.9              | 5.1   | 100                                     | ELXV800E□□8R2MEB5D | 560      | 18×35    | 0.052       | 0.14             | 1,990 | ELXV101E□□561MM35S                      |      |
|          | 18       | 6.3×11.5    | 1.1              | 3.0   | 150                                     | ELXV800E□□180MFB5D | 680      | 18×40    | 0.041       | 0.11             | 2,370 | ELXV101E□□681MM40S                      |      |

□□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，请使用小于乘以以下表系数所得之值的值。

●频率修正系数

| 额定电压 (Vdc) | 尺寸 φD(mm) | 频率 (Hz) |      |      |      | 额定电压 (Vdc) | 尺寸 φD(mm) | 频率 (Hz) |      |      |      |
|------------|-----------|---------|------|------|------|------------|-----------|---------|------|------|------|
|            |           | 120     | 1k   | 10k  | 100k |            |           | 120     | 1k   | 10k  | 100k |
| 6.3~10     | 5~8       | 0.65    | 0.83 | 0.95 | 1.00 | 35~50      | 5~8       | 0.40    | 0.66 | 0.85 | 1.00 |
|            | 10~12.5   | 0.70    | 0.85 | 0.96 | 1.00 |            | 10~12.5   | 0.50    | 0.73 | 0.89 | 1.00 |
|            | 16~18     | 0.85    | 0.92 | 0.97 | 1.00 |            | 16~18     | 0.60    | 0.81 | 0.94 | 1.00 |
| 16~25      | 5~8       | 0.55    | 0.76 | 0.91 | 1.00 | 63~100     | 5~8       | 0.20    | 0.55 | 0.80 | 1.00 |
|            | 10~12.5   | 0.65    | 0.83 | 0.93 | 1.00 |            | 10~12.5   | 0.35    | 0.65 | 0.85 | 1.00 |
|            | 16~18     | 0.70    | 0.87 | 0.96 | 1.00 |            | 16~18     | 0.50    | 0.75 | 0.90 | 1.00 |

※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。