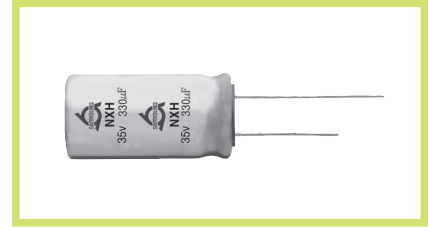


## NXH Series

• 105°C 6,000~10,000Hrs assured.

- Non-solvent proof.
- Low Impedance.
- Long Life.
- For LED TV BLU Inverter, SMPS, IP-Board, Adaptor.
- RoHS compliant.
- Halogen-free capacitors are also available.



## SPECIFICATIONS

| Item   | Characteristics  |                                 |         |                   |                    |                            |                            |                            |                                      |         |                 |                              |                                      |      |      |             |                 |                              |      |      |              |
|--|--|---------------------------------|---------|-------------------|--------------------|----------------------------|----------------------------|----------------------------|--------------------------------------|---------|-----------------|------------------------------|--------------------------------------|------|------|-------------|-----------------|------------------------------|------|------|--------------|
| Rated Voltage Range                                | 6.3 ~ 100 V <sub>DC</sub>  |                                 |         |                   |                    |                            |                            |                            |                                      |         |                 |                              |                                      |      |      |             |                 |                              |      |      |              |
| Operating Temperature Range                        | -40 ~ +105°C   |                                 |         |                   |                    |                            |                            |                            |                                      |         |                 |                              |                                      |      |      |             |                 |                              |      |      |              |
| Capacitance Tolerance                              | ±20%(M) (at 20°C, 120Hz)   |                                 |         |                   |                    |                            |                            |                            |                                      |         |                 |                              |                                      |      |      |             |                 |                              |      |      |              |
| Leakage Current                                    | I = 0.01CV(μA) or 3μA, whichever is greater.<br>Where, I:Max. Leakage current(μA), C:Nominal capacitance(μF), V:Rated voltage(V <sub>DC</sub> )<br>(at 20°C, 2 minutes)  |                                 |         |                   |                    |                            |                            |                            |                                      |         |                 |                              |                                      |      |      |             |                 |                              |      |      |              |
| Dissipation Factor(Tanδ)                           | <table border="1"> <tr> <td>Rated voltage(V<sub>DC</sub>)</td> <td>6.3</td> <td>10</td> <td>16</td> <td>25</td> <td>35</td> <td>50</td> <td>63</td> <td>80</td> <td>100</td> </tr> <tr> <td>Tanδ(Max.)</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> <td>0.08</td> <td>0.08</td> </tr> </table> <p>When the capacitance exceeds 1,000μF, 0.02 shall be added every 1,000μF increase. (at 20°C, 120Hz)</p>   | Rated voltage(V <sub>DC</sub> ) | 6.3     | 10                | 16                 | 25                         | 35                         | 50                         | 63                                   | 80      | 100             | Tanδ(Max.)                   | 0.22                                 | 0.19 | 0.16 | 0.14        | 0.12            | 0.10                         | 0.09 | 0.08 | 0.08         |
| Rated voltage(V <sub>DC</sub> )                    | 6.3  | 10                              | 16      | 25                | 35                 | 50                         | 63                         | 80                         | 100                                  |         |                 |                              |                                      |      |      |             |                 |                              |      |      |              |
| Tanδ(Max.)   | 0.22   | 0.19                            | 0.16    | 0.14              | 0.12               | 0.10                       | 0.09                       | 0.08                       | 0.08                                 |         |                 |                              |                                      |      |      |             |                 |                              |      |      |              |
| Temperature Characteristics (Max. Impedance ratio) | <table border="1"> <tr> <td>Z(-25°C)/Z(+20°C)</td> <td>2</td> </tr> <tr> <td>Z(-40°C)/Z(+20°C)</td> <td>3</td> </tr> </table> <p>(at 120Hz)</p>  | Z(-25°C)/Z(+20°C)               | 2       | Z(-40°C)/Z(+20°C) | 3                  |                            |                            |                            |                                      |         |                 |                              |                                      |      |      |             |                 |                              |      |      |              |
| Z(-25°C)/Z(+20°C)                                  | 2  |                                 |         |                   |                    |                            |                            |                            |                                      |         |                 |                              |                                      |      |      |             |                 |                              |      |      |              |
| Z(-40°C)/Z(+20°C)                                  | 3  |                                 |         |                   |                    |                            |                            |                            |                                      |         |                 |                              |                                      |      |      |             |                 |                              |      |      |              |
| Load Life  | <p>The following specifications shall be satisfied when the capacitors are restored to 20°C after the rated voltage with the rated ripple current is applied (the peak voltage shall not exceed the rated voltage) at 105°C for the specified period of time.</p> <table border="1"> <tr> <td>Rated voltage(V<sub>DC</sub>)</td> <td>6.3~10</td> <td>16~100</td> <td>∅D</td> <td>Life Time</td> </tr> <tr> <td>Capacitance change</td> <td>≤±30% of the initial value</td> <td>≤±25% of the initial value</td> <td>∅5~∅6.3</td> <td>6,000 hours</td> </tr> <tr> <td>Tan δ</td> <td colspan="2">≤200% of the initial specified value</td> <td>∅8</td> <td>8,000 hours</td> </tr> <tr> <td>Leakage current</td> <td colspan="2">≤The initial specified value</td> <td>∅10~</td> <td>10,000 hours</td> </tr> </table> | Rated voltage(V <sub>DC</sub> ) | 6.3~10  | 16~100            | ∅D                 | Life Time                  | Capacitance change         | ≤±30% of the initial value | ≤±25% of the initial value           | ∅5~∅6.3 | 6,000 hours     | Tan δ                        | ≤200% of the initial specified value |      | ∅8   | 8,000 hours | Leakage current | ≤The initial specified value |      | ∅10~ | 10,000 hours |
| Rated voltage(V <sub>DC</sub> )                    | 6.3~10   | 16~100                          | ∅D      | Life Time         |                    |                            |                            |                            |                                      |         |                 |                              |                                      |      |      |             |                 |                              |      |      |              |
| Capacitance change                                 | ≤±30% of the initial value   | ≤±25% of the initial value      | ∅5~∅6.3 | 6,000 hours       |                    |                            |                            |                            |                                      |         |                 |                              |                                      |      |      |             |                 |                              |      |      |              |
| Tan δ  | ≤200% of the initial specified value   |                                 | ∅8      | 8,000 hours       |                    |                            |                            |                            |                                      |         |                 |                              |                                      |      |      |             |                 |                              |      |      |              |
| Leakage current                                    | ≤The initial specified value   |                                 | ∅10~    | 10,000 hours      |                    |                            |                            |                            |                                      |         |                 |                              |                                      |      |      |             |                 |                              |      |      |              |
| Shelf Life   | <p>The following specifications shall be satisfied when the capacitors are restored to 20°C after exposing them for 1,000 hours at 105°C without voltage applied. The rated voltage shall be applied to the capacitors for a minimum of 30 minutes, at least 24 hours and not more than 48 hours before the measurements.</p> <table border="1"> <tr> <td>Rated voltage(V<sub>DC</sub>)</td> <td>6.3~10</td> <td>16~100</td> </tr> <tr> <td>Capacitance change</td> <td>≤±30% of the initial value</td> <td>≤±25% of the initial value</td> </tr> <tr> <td>Tan δ</td> <td colspan="2">≤200% of the initial specified value</td> </tr> <tr> <td>Leakage current</td> <td colspan="2">≤The initial specified value</td> </tr> </table>   | Rated voltage(V <sub>DC</sub> ) | 6.3~10  | 16~100            | Capacitance change | ≤±30% of the initial value | ≤±25% of the initial value | Tan δ                      | ≤200% of the initial specified value |         | Leakage current | ≤The initial specified value |                                      |      |      |             |                 |                              |      |      |              |
| Rated voltage(V <sub>DC</sub> )                    | 6.3~10   | 16~100                          |         |                   |                    |                            |                            |                            |                                      |         |                 |                              |                                      |      |      |             |                 |                              |      |      |              |
| Capacitance change                                 | ≤±30% of the initial value   | ≤±25% of the initial value      |         |                   |                    |                            |                            |                            |                                      |         |                 |                              |                                      |      |      |             |                 |                              |      |      |              |
| Tan δ  | ≤200% of the initial specified value   |                                 |         |                   |                    |                            |                            |                            |                                      |         |                 |                              |                                      |      |      |             |                 |                              |      |      |              |
| Leakage current                                    | ≤The initial specified value   |                                 |         |                   |                    |                            |                            |                            |                                      |         |                 |                              |                                      |      |      |             |                 |                              |      |      |              |
| Others   | Satisfied characteristics KS C IEC 60384-4   |                                 |         |                   |                    |                            |                            |                            |                                      |         |                 |                              |                                      |      |      |             |                 |                              |      |      |              |

## DIMENSIONS OF NXH Series

Marking : YELLOW SLEEVE, BLACK INK

|     |               |     |     |              |      |     |     |
|-----|---------------|-----|-----|--------------|------|-----|-----|
| ∅D  | 5             | 6.3 | 8   | 10           | 12.5 | 16  | 18  |
| ∅d  | 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 |
| ∅D' | ∅D + 0.5 max. |     |     |              |      |     |     |
| L'  | L + 1.5 max.  |     |     | L + 2.0 max. |      |     |     |

※ ∅10 x 12L, L' ≤ L+1.5

RATINGS OF NXH Series

| V <sub>dc</sub><br>#DxL(mm) | 6.3    |       |       |        | 10    |       |       |        | 16    |       |       |        |
|-----------------------------|--------|-------|-------|--------|-------|-------|-------|--------|-------|-------|-------|--------|
|                             | μF     | IMP.  |       | Ripple | μF    | IMP.  |       | Ripple | μF    | IMP.  |       | Ripple |
|                             |        | 20°C  | -10°C |        |       | 20°C  | -10°C |        |       | 20°C  | -10°C |        |
| 5 × 11                      | 220    | 0.22  | 0.80  | 345    | 150   | 0.22  | 0.80  | 345    | 100   | 0.22  | 0.80  | 345    |
| 5 × 15                      | 470    | 0.13  | 0.47  | 480    | 330   | 0.13  | 0.47  | 480    | 220   | 0.13  | 0.47  | 480    |
| 6.3 × 11                    | 470    | 0.094 | 0.35  | 540    | 330   | 0.094 | 0.35  | 540    | 220   | 0.094 | 0.35  | 540    |
| 6.3 × 15                    | 560    | 0.084 | 0.31  | 620    | 470   | 0.084 | 0.31  | 620    | 330   | 0.084 | 0.31  | 620    |
| 8 × 11.5                    | 820    | 0.056 | 0.19  | 945    | 680   | 0.056 | 0.19  | 945    | 470   | 0.056 | 0.19  | 945    |
| 8 × 15                      | 1,200  | 0.045 | 0.15  | 1,250  | 1,000 | 0.045 | 0.15  | 1,250  | 680   | 0.045 | 0.15  | 1,250  |
| 8 × 20                      | 1,500  | 0.029 | 0.11  | 1,500  | 1,500 | 0.029 | 0.11  | 1,500  | 1,000 | 0.029 | 0.11  | 1,500  |
| 10 × 12                     | 1,200  | 0.039 | 0.14  | 1,330  | 1,000 | 0.039 | 0.14  | 1,330  | 680   | 0.039 | 0.14  | 1,330  |
| 10 × 12.5                   | 1,200  | 0.039 | 0.14  | 1,330  | 1,000 | 0.039 | 0.14  | 1,330  | 680   | 0.039 | 0.14  | 1,330  |
| 10 × 16                     | 1,800  | 0.028 | 0.10  | 1,760  | 1,500 | 0.028 | 0.10  | 1,760  | 1,000 | 0.028 | 0.10  | 1,760  |
| 10 × 20                     | 2,200  | 0.020 | 0.060 | 1,960  | 1,800 | 0.020 | 0.060 | 1,960  | 1,500 | 0.020 | 0.060 | 1,960  |
| 10 × 25                     | 2,700  | 0.018 | 0.054 | 2,250  | 2,200 | 0.018 | 0.054 | 2,250  | 1,800 | 0.018 | 0.054 | 2,250  |
| 10 × 33                     | 3,300  | 0.015 | 0.045 | 2,550  | 2,700 | 0.015 | 0.045 | 2,550  | 2,200 | 0.015 | 0.045 | 2,550  |
| 12.5 × 20                   | 3,900  | 0.017 | 0.043 | 2,480  | 3,300 | 0.017 | 0.043 | 2,480  | 2,200 | 0.017 | 0.043 | 2,480  |
| 12.5 × 25                   | 4,700  | 0.015 | 0.038 | 2,900  | 3,900 | 0.015 | 0.038 | 2,900  | 2,700 | 0.015 | 0.038 | 2,900  |
| 12.5 × 30                   | 5,600  | 0.013 | 0.033 | 3,450  | 4,700 | 0.013 | 0.033 | 3,450  | 3,300 | 0.013 | 0.033 | 3,450  |
| 12.5 × 35                   | 6,800  | 0.012 | 0.031 | 3,570  | 5,600 | 0.012 | 0.031 | 3,570  | 3,900 | 0.012 | 0.031 | 3,570  |
| 16 × 20                     | 6,800  | 0.015 | 0.038 | 3,250  | 4,700 | 0.015 | 0.038 | 3,250  | 3,300 | 0.015 | 0.038 | 3,250  |
| 16 × 25                     | 8,200  | 0.013 | 0.035 | 3,630  | 6,800 | 0.013 | 0.035 | 3,630  | 4,700 | 0.013 | 0.035 | 3,630  |
| 18 × 25                     | 10,000 | 0.012 | 0.031 | 3,650  | 8,200 | 0.012 | 0.031 | 3,650  | 5,600 | 0.012 | 0.031 | 3,650  |

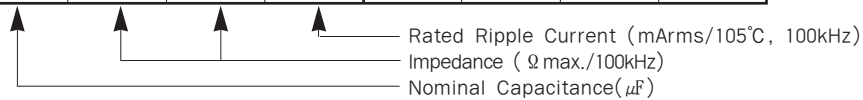
| V <sub>dc</sub><br>#DxL(mm) | 25    |       |       |        | 35    |       |       |        | 50    |       |       |        |
|-----------------------------|-------|-------|-------|--------|-------|-------|-------|--------|-------|-------|-------|--------|
|                             | μF    | IMP.  |       | Ripple | μF    | IMP.  |       | Ripple | μF    | IMP.  |       | Ripple |
|                             |       | 20°C  | -10°C |        |       | 20°C  | -10°C |        |       | 20°C  | -10°C |        |
| 5 × 11                      | 68    | 0.22  | 0.80  | 345    | 47    | 0.22  | 0.80  | 345    | 2.2   | 2.5   | 8.68  | 120    |
|                             |       |       |       |        |       |       |       |        | 4.7   | 2.5   | 8.68  | 120    |
|                             |       |       |       |        |       |       |       |        | 10    | 1.0   | 3.47  | 145    |
|                             |       |       |       |        |       |       |       |        | 22    | 0.40  | 1.39  | 195    |
|                             |       |       |       |        |       |       |       |        | 27    | 0.34  | 1.18  | 238    |
| 5 × 15                      | 150   | 0.13  | 0.47  | 480    | 100   | 0.13  | 0.47  | 480    | 56    | 0.16  | 0.56  | 350    |
|                             |       |       |       |        |       |       |       |        | 33    | 0.20  | 0.71  | 320    |
| 6.3 × 11                    | 150   | 0.094 | 0.35  | 540    | 100   | 0.094 | 0.35  | 540    | 47    | 0.14  | 0.50  | 450    |
|                             |       |       |       |        |       |       |       |        | 56    | 0.14  | 0.50  | 450    |
|                             |       |       |       |        |       |       |       |        | 100   | 0.12  | 0.43  | 586    |
| 6.3 × 15                    | 220   | 0.084 | 0.31  | 620    | 150   | 0.084 | 0.31  | 620    | 100   | 0.12  | 0.43  | 586    |
| 8 × 11.5                    | 330   | 0.056 | 0.19  | 945    | 220   | 0.056 | 0.19  | 945    | 100   | 0.074 | 0.22  | 724    |
| 8 × 15                      | 390   | 0.045 | 0.15  | 1,250  | 270   | 0.045 | 0.15  | 1,250  | 120   | 0.061 | 0.18  | 950    |
|                             |       |       |       |        |       |       |       |        | 470   | 0.045 | 0.15  | 1,330  |
| 8 × 20                      | 560   | 0.029 | 0.11  | 1,500  | 390   | 0.029 | 0.11  | 1,500  | 180   | 0.046 | 0.14  | 1,190  |
|                             |       |       |       |        |       |       |       |        | 470   | 0.029 | 0.11  | 1,600  |
| 10 × 12                     | 470   | 0.039 | 0.14  | 1,330  | 330   | 0.039 | 0.14  | 1,330  | 68    | 0.070 | 0.21  | 750    |
|                             |       |       |       |        |       |       |       |        | 150   | 0.061 | 0.18  | 979    |
| 10 × 12.5                   | 470   | 0.039 | 0.14  | 1,330  | 330   | 0.039 | 0.14  | 1,330  | 68    | 0.070 | 0.21  | 750    |
|                             |       |       |       |        |       |       |       |        | 150   | 0.061 | 0.18  | 979    |
| 10 × 16                     | 680   | 0.028 | 0.10  | 1,760  | 470   | 0.028 | 0.10  | 1,760  | 220   | 0.042 | 0.12  | 1,370  |
| 10 × 20                     | 820   | 0.020 | 0.060 | 1,960  | 560   | 0.020 | 0.060 | 1,960  | 270   | 0.030 | 0.090 | 1,580  |
|                             |       |       |       |        |       |       |       |        | 1,000 | 0.020 | 0.060 | 1,960  |
| 10 × 25                     | 1,000 | 0.018 | 0.054 | 2,250  | 680   | 0.018 | 0.054 | 2,250  | 330   | 0.028 | 0.085 | 1,870  |
| 10 × 33                     | 1,200 | 0.015 | 0.045 | 2,550  | 1,000 | 0.015 | 0.045 | 2,550  | 470   | 0.025 | 0.076 | 2,110  |
| 12.5 × 20                   | 1,000 | 0.018 | 0.045 | 2,500  | 1,000 | 0.017 | 0.043 | 2,480  | 470   | 0.027 | 0.068 | 2,050  |
|                             |       |       |       |        |       |       |       |        | 1,500 | 0.017 | 0.043 | 2,550  |
| 12.5 × 25                   | 1,800 | 0.015 | 0.038 | 2,900  | 1,200 | 0.015 | 0.038 | 2,900  | 560   | 0.023 | 0.059 | 2,410  |
| 12.5 × 30                   | 2,200 | 0.013 | 0.033 | 3,450  | 1,500 | 0.013 | 0.033 | 3,450  | 680   | 0.021 | 0.052 | 2,860  |
| 12.5 × 35                   | 2,700 | 0.012 | 0.031 | 3,570  | 1,800 | 0.012 | 0.031 | 3,570  | 820   | 0.019 | 0.051 | 2,960  |
| 16 × 20                     | 2,200 | 0.015 | 0.038 | 3,250  | 1,500 | 0.015 | 0.038 | 3,250  | 820   | 0.023 | 0.059 | 2,730  |
|                             |       |       |       |        |       |       |       |        | 2,700 | 0.015 | 0.038 | 3,250  |
| 16 × 25                     | 3,300 | 0.013 | 0.035 | 3,630  | 2,200 | 0.013 | 0.035 | 3,630  | 1,000 | 0.021 | 0.056 | 3,010  |
| 18 × 25                     | 3,900 | 0.012 | 0.031 | 3,650  | 2,700 | 0.012 | 0.031 | 3,650  | 1,500 | 0.019 | 0.051 | 3,290  |

NXH Series

## RATINGS OF NXH Series

| V <sub>DC</sub><br>∅DxL(mm) | 63  |       |       |        |
|-----------------------------|-----|-------|-------|--------|
|                             | μF  | IMP.  |       | Ripple |
|                             |     | 20°C  | -10°C |        |
| 5×11                        | 18  | 0.45  | 1.8   | 173    |
| 6.3×11                      | 47  | 0.30  | 1.2   | 278    |
| 8×11.5                      | 82  | 0.20  | 0.80  | 525    |
| 8×15                        | 100 | 0.18  | 0.72  | 688    |
| 8×20                        | 150 | 0.16  | 0.64  | 861    |
| 10×12                       | 120 | 0.16  | 0.64  | 725    |
| 10×12.5                     | 120 | 0.16  | 0.64  | 725    |
| 10×16                       | 180 | 0.10  | 0.40  | 998    |
| 10×20                       | 270 | 0.080 | 0.32  | 1,200  |
| 10×25                       | 330 | 0.070 | 0.28  | 1,410  |
| 12.5×20                     | 390 | 0.050 | 0.20  | 1,570  |
| 12.5×25                     | 470 | 0.037 | 0.15  | 1,990  |
| 12.5×30                     | 560 | 0.032 | 0.13  | 2,410  |
| 12.5×35                     | 680 | 0.030 | 0.12  | 2,620  |
| 16×20                       | 560 | 0.035 | 0.14  | 2,100  |
| 16×25                       | 820 | 0.030 | 0.12  | 2,430  |

| V <sub>DC</sub><br>∅DxL(mm) | 80    |       |       |        | 100 |       |       |        |
|-----------------------------|-------|-------|-------|--------|-----|-------|-------|--------|
|                             | μF    | IMP.  |       | Ripple | μF  | IMP.  |       | Ripple |
|                             |       | 20°C  | -10°C |        |     | 20°C  | -10°C |        |
| 5×11                        | 12    | 1.2   | 5.33  | 163    | 8.2 | 1.2   | 5.33  | 163    |
| 6.3×11                      | 33    | 0.46  | 2.03  | 267    | 18  | 0.46  | 2.03  | 267    |
| 8×11.5                      | 56    | 0.29  | 1.31  | 462    | 33  | 0.29  | 1.31  | 462    |
| 8×15                        | 68    | 0.20  | 0.90  | 585    | 47  | 0.20  | 0.90  | 585    |
| 8×20                        | 100   | 0.16  | 0.72  | 735    | 68  | 0.16  | 0.72  | 735    |
| 10×12                       | 82    | 0.17  | 0.68  | 624    | 47  | 0.17  | 0.68  | 624    |
| 10×12.5                     | 82    | 0.17  | 0.68  | 624    | 47  | 0.17  | 0.68  | 624    |
| 10×16                       | 120   | 0.11  | 0.44  | 780    | 68  | 0.11  | 0.44  | 780    |
| 10×20                       | 180   | 0.084 | 0.35  | 1,040  | 100 | 0.084 | 0.35  | 1,040  |
| 10×25                       | 220   | 0.069 | 0.28  | 1,170  | 120 | 0.069 | 0.28  | 1,170  |
| 12.5×16                     | 180   | 0.11  | 0.33  | 975    | 100 | 0.11  | 0.33  | 975    |
| 12.5×20                     | 270   | 0.062 | 0.19  | 1,430  | 150 | 0.062 | 0.19  | 1,430  |
| 12.5×25                     | 330   | 0.047 | 0.15  | 1,620  | 220 | 0.047 | 0.15  | 1,620  |
| 12.5×30                     | 390   | 0.042 | 0.14  | 1,950  | 270 | 0.042 | 0.14  | 1,950  |
| 12.5×35                     | 470   | 0.036 | 0.11  | 2,140  | 330 | 0.036 | 0.11  | 2,140  |
| 12.5 x 40                   | 560   | 0.032 | 0.096 | 2,340  | 390 | 0.032 | 0.096 | 2,340  |
| 16×20                       | 390   | 0.048 | 0.16  | 1,750  | 270 | 0.048 | 0.16  | 1,750  |
| 16×25                       | 560   | 0.038 | 0.11  | 2,210  | 390 | 0.038 | 0.11  | 2,210  |
| 16×31.5                     | 680   | 0.032 | 0.096 | 2,400  | 470 | 0.032 | 0.096 | 2,400  |
| 16×35.5                     | 820   | 0.029 | 0.087 | 2,600  | 560 | 0.029 | 0.087 | 2,600  |
| 16×40                       | 1,000 | 0.027 | 0.081 | 2,860  | 680 | 0.027 | 0.081 | 2,860  |
| 18×20                       | 560   | 0.045 | 0.14  | 1,950  | 390 | 0.045 | 0.14  | 1,950  |
| 18×25                       | 820   | 0.036 | 0.11  | 2,270  | 470 | 0.036 | 0.11  | 2,270  |
| 18×31.5                     | 1,000 | 0.030 | 0.090 | 2,470  | 560 | 0.030 | 0.090 | 2,470  |
| 18×35.5                     | 1,200 | 0.027 | 0.081 | 2,860  | 680 | 0.027 | 0.081 | 2,860  |
| 18×40                       | 1,500 | 0.026 | 0.078 | 3,510  | 820 | 0.026 | 0.078 | 3,510  |



## RIPPLE CURRENT MULTIPLIERS

Frequency Multipliers

| Cap.(μF)       | Freq.(Hz) | 120  | 1k   | 10k  | 50k  | 100k |
|----------------|-----------|------|------|------|------|------|
| 2.2 ~ 22       |           | 0.40 | 0.66 | 0.85 | 0.90 | 1.00 |
| 27 ~ 33        |           | 0.42 | 0.70 | 0.90 | 0.93 | 1.00 |
| 39 ~ 270       |           | 0.50 | 0.73 | 0.92 | 0.95 | 1.00 |
| 330 ~ 680      |           | 0.55 | 0.77 | 0.94 | 0.96 | 1.00 |
| 820 ~ 1,800    |           | 0.60 | 0.80 | 0.96 | 0.97 | 1.00 |
| 2,200 ~ 10,000 |           | 0.70 | 0.85 | 0.98 | 0.99 | 1.00 |

## X-ON Electronics

Largest Supplier of Electrical and Electronic Components

*Click to view similar products for [Aluminium Electrolytic Capacitors - Radial Leaded](#) category:*

*Click to view products by [SamYoung](#) manufacturer:*

Other Similar products are found below :

[NRELS102M35V16X16C.140LLF](#) [ESRG160ETC100MD07D](#) [227RZS050M](#) [335CKR250M](#) [476CKH100MSA](#) [477CKR100M](#)  
[107CKR010M](#) [107CKH063MSA](#) [RJH-25V222MI9#](#) [RJH-35V221MG5#](#) [B43827A1106M8](#) [RJH-50V221MH6#](#) [EKYA500ELL470MF11D](#)  
[B41022A5686M6](#) [ESRG250ELL101MH09D](#) [EKMA160EC3101MF07D](#) [RJB-10V471MG3#](#) [ESMG160ETD221MF11D](#)  
[EKZH160ETD152MJ20S](#) [RJH-35V122MJ6#](#) [EGXF630ELL621ML20S](#) [RBD-25V100KE3#N](#) [EKMA350ELL100ME07D](#)  
[ESMG160ETD101ME11D](#) [ELXY100ETD102MJ20S](#) [EGXF500ELL561ML15S](#) [EKMG350ETD471MJ16S](#) [35YXA330MEFC10X12.5](#)  
[RXW471M1ESA-0815](#) [ELXZ630ELL221MJ25S](#) [ERR1HM1R0D11OT](#) [LPE681M30060FVA](#) [LPL471M22030FVA](#) [HFE221M25030FVA](#)  
[LKMD1401H221MF](#) [B41888G6108M000](#) [EKMA160ETD470MF07D](#) [UHW1J102MHD6](#) [EKMG500ETD221MJC5S](#) [LKMK2502W101MF](#)  
[LKMD1401H181MF](#) [LKMI2502G820MF](#) [LKMJ2001J122MF](#) [LKML2501C472MF](#) [LKMJ4002C681MF](#) [450MXH330MEFCSN25X45](#)  
[450MXK330MA2RFC22X50](#) [63ZLH560MEFCG412.5X30](#) [ELH2DM331O25KT](#) [ELH2DM471P30KT](#)