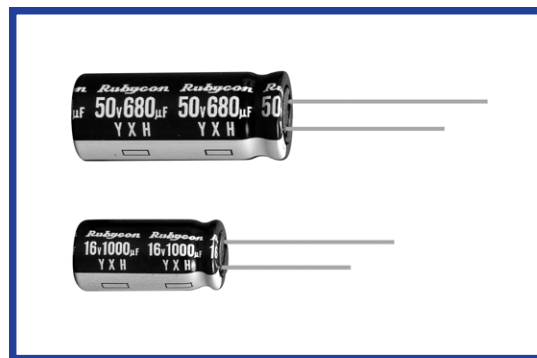


## YXH シリーズ SERIES

105℃ 高リップル 長寿命品  
105℃ High Ripple Current, Long Life

### ◆特 長／FEATURES

- ・高周波インピーダンス規格を設定。  
Prescribe Impedance value at 100 kHz.
- ・105℃ 4000～10000時間品。  
Load Life : 105℃ 4000～10000 hours.
- ・RoHS指令対応品。  
RoHS compliance.



### ◆規格表／SPECIFICATIONS

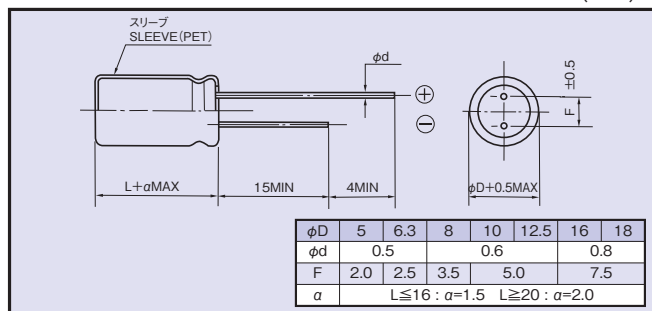
| 項 目<br>Items                                                               | 特 性<br>Characteristics                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |           |      |      |      |      |      |      |                                     |                                                 |    |    |    |    |    |    |                                   |                                                          |      |      |      |      |      |      |                            |                                             |                |   |   |   |   |   |                     |                      |   |           |           |        |      |      |         |      |      |         |      |       |
|----------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|------|------|------|------|------|------|-------------------------------------|-------------------------------------------------|----|----|----|----|----|----|-----------------------------------|----------------------------------------------------------|------|------|------|------|------|------|----------------------------|---------------------------------------------|----------------|---|---|---|---|---|---------------------|----------------------|---|-----------|-----------|--------|------|------|---------|------|------|---------|------|-------|
| カ テ ゴ リ 温 度 範 囲<br>Category Temperature Range                              | -40~+105℃                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |      |      |      |      |      |      |                                     |                                                 |    |    |    |    |    |    |                                   |                                                          |      |      |      |      |      |      |                            |                                             |                |   |   |   |   |   |                     |                      |   |           |           |        |      |      |         |      |      |         |      |       |
| 定 格 電 圧 範 囲<br>Rated Voltage Range                                         | 6.3~100Vdc                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |           |      |      |      |      |      |      |                                     |                                                 |    |    |    |    |    |    |                                   |                                                          |      |      |      |      |      |      |                            |                                             |                |   |   |   |   |   |                     |                      |   |           |           |        |      |      |         |      |      |         |      |       |
| 静 電 容 量 許 容 差<br>Capacitance Tolerance                                     | ±20% (20℃, 120Hz)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |           |      |      |      |      |      |      |                                     |                                                 |    |    |    |    |    |    |                                   |                                                          |      |      |      |      |      |      |                            |                                             |                |   |   |   |   |   |                     |                      |   |           |           |        |      |      |         |      |      |         |      |       |
| 漏 れ 電 流<br>Leakage Current(MAX)                                            | I=0.01CV又は3μAのいずれか大なる値以下 (定格電圧印加2分後)<br>I=0.01CV or 3μA whichever is greater. (After 2 minutes)<br><br>I=漏れ電流(μA)                      C=静電容量(μF)                      V=定格電圧(Vdc)<br>Leakage Current                      Capacitance                      Rated Voltage                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |           |      |      |      |      |      |      |                                     |                                                 |    |    |    |    |    |    |                                   |                                                          |      |      |      |      |      |      |                            |                                             |                |   |   |   |   |   |                     |                      |   |           |           |        |      |      |         |      |      |         |      |       |
| 損 失 角 の 正 接 (tanδ)<br>Dissipation Factor(MAX)                              | <table border="1"><tr><td>定格電圧(Vdc)<br/>Rated Voltage</td><td>6.3</td><td>10</td><td>16</td><td>25</td><td>35</td><td>50</td><td>63</td><td>100</td></tr><tr><td>tanδ</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></tr></table><br>(20℃, 120Hz)<br><br>1000μFを越えるものは1000μF増す毎に上表の値に0.02を加えた値とする。<br>When capacitance is over 1000μF, tanδ shall be added 0.02 to the listed value with increase of every 1000μF.                                                                                                                                                                                                                                                                                                                                                                                                                                          |           |      |      |      |      |      |      | 定格電圧(Vdc)<br>Rated Voltage          | 6.3                                             | 10 | 16 | 25 | 35 | 50 | 63 | 100                               | tanδ                                                     | 0.22 | 0.19 | 0.16 | 0.14 | 0.12 | 0.10 | 0.09                       | 0.08                                        |                |   |   |   |   |   |                     |                      |   |           |           |        |      |      |         |      |      |         |      |       |
| 定格電圧(Vdc)<br>Rated Voltage                                                 | 6.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 10        | 16   | 25   | 35   | 50   | 63   | 100  |                                     |                                                 |    |    |    |    |    |    |                                   |                                                          |      |      |      |      |      |      |                            |                                             |                |   |   |   |   |   |                     |                      |   |           |           |        |      |      |         |      |      |         |      |       |
| tanδ                                                                       | 0.22                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 0.19      | 0.16 | 0.14 | 0.12 | 0.10 | 0.09 | 0.08 |                                     |                                                 |    |    |    |    |    |    |                                   |                                                          |      |      |      |      |      |      |                            |                                             |                |   |   |   |   |   |                     |                      |   |           |           |        |      |      |         |      |      |         |      |       |
| 耐 久 性<br>Endurance                                                         | 105℃中で右表の時間定格電圧(リップル重畳)印加後、下記項目を満足すること。<br>After applying rated voltage with rated ripple current for specified time at 105℃, the capacitors shall meet the following requirements.<br><table border="1"><tr><td>静 電 容 量 変 化 率<br/>Capacitance Change</td><td colspan="7">初期値の±25%以内<br/>Within ±25% of the initial value.</td></tr><tr><td>損 失 角 の 正 接<br/>Dissipation Factor</td><td colspan="7">規格値の200%以下<br/>Not more than 200% of the specified value.</td></tr><tr><td>漏 れ 電 流<br/>Leakage Current</td><td colspan="7">規格値以下<br/>Not more than the specified value.</td></tr></table> <table border="1"><tr><td rowspan="2">ケースサイズ<br/>Case Size</td><td colspan="2">時間(hrs)<br/>Life Time</td></tr><tr><td>6.3~10Vdc</td><td>16~100Vdc</td></tr><tr><td>φD≤6.3</td><td>4000</td><td>5000</td></tr><tr><td>φD=8,10</td><td>6000</td><td>7000</td></tr><tr><td>φD≥12.5</td><td>8000</td><td>10000</td></tr></table> |           |      |      |      |      |      |      | 静 電 容 量 変 化 率<br>Capacitance Change | 初期値の±25%以内<br>Within ±25% of the initial value. |    |    |    |    |    |    | 損 失 角 の 正 接<br>Dissipation Factor | 規格値の200%以下<br>Not more than 200% of the specified value. |      |      |      |      |      |      | 漏 れ 電 流<br>Leakage Current | 規格値以下<br>Not more than the specified value. |                |   |   |   |   |   | ケースサイズ<br>Case Size | 時間(hrs)<br>Life Time |   | 6.3~10Vdc | 16~100Vdc | φD≤6.3 | 4000 | 5000 | φD=8,10 | 6000 | 7000 | φD≥12.5 | 8000 | 10000 |
| 静 電 容 量 変 化 率<br>Capacitance Change                                        | 初期値の±25%以内<br>Within ±25% of the initial value.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |           |      |      |      |      |      |      |                                     |                                                 |    |    |    |    |    |    |                                   |                                                          |      |      |      |      |      |      |                            |                                             |                |   |   |   |   |   |                     |                      |   |           |           |        |      |      |         |      |      |         |      |       |
| 損 失 角 の 正 接<br>Dissipation Factor                                          | 規格値の200%以下<br>Not more than 200% of the specified value.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |           |      |      |      |      |      |      |                                     |                                                 |    |    |    |    |    |    |                                   |                                                          |      |      |      |      |      |      |                            |                                             |                |   |   |   |   |   |                     |                      |   |           |           |        |      |      |         |      |      |         |      |       |
| 漏 れ 電 流<br>Leakage Current                                                 | 規格値以下<br>Not more than the specified value.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |           |      |      |      |      |      |      |                                     |                                                 |    |    |    |    |    |    |                                   |                                                          |      |      |      |      |      |      |                            |                                             |                |   |   |   |   |   |                     |                      |   |           |           |        |      |      |         |      |      |         |      |       |
| ケースサイズ<br>Case Size                                                        | 時間(hrs)<br>Life Time                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |           |      |      |      |      |      |      |                                     |                                                 |    |    |    |    |    |    |                                   |                                                          |      |      |      |      |      |      |                            |                                             |                |   |   |   |   |   |                     |                      |   |           |           |        |      |      |         |      |      |         |      |       |
|                                                                            | 6.3~10Vdc                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 16~100Vdc |      |      |      |      |      |      |                                     |                                                 |    |    |    |    |    |    |                                   |                                                          |      |      |      |      |      |      |                            |                                             |                |   |   |   |   |   |                     |                      |   |           |           |        |      |      |         |      |      |         |      |       |
| φD≤6.3                                                                     | 4000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 5000      |      |      |      |      |      |      |                                     |                                                 |    |    |    |    |    |    |                                   |                                                          |      |      |      |      |      |      |                            |                                             |                |   |   |   |   |   |                     |                      |   |           |           |        |      |      |         |      |      |         |      |       |
| φD=8,10                                                                    | 6000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 7000      |      |      |      |      |      |      |                                     |                                                 |    |    |    |    |    |    |                                   |                                                          |      |      |      |      |      |      |                            |                                             |                |   |   |   |   |   |                     |                      |   |           |           |        |      |      |         |      |      |         |      |       |
| φD≥12.5                                                                    | 8000                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 10000     |      |      |      |      |      |      |                                     |                                                 |    |    |    |    |    |    |                                   |                                                          |      |      |      |      |      |      |                            |                                             |                |   |   |   |   |   |                     |                      |   |           |           |        |      |      |         |      |      |         |      |       |
| 低 温 特 性<br>Low Temperature Stability<br>(インピーダンス比)<br>Impedance Ratio(MAX) | <table border="1"><tr><td>定格電圧(Vdc)<br/>Rated Voltage</td><td>6.3</td><td>10</td><td>16</td><td>25</td><td>35</td><td>50</td><td>63</td><td>100</td></tr><tr><td>Z(-25℃)/Z(20℃)</td><td>4</td><td>3</td><td>2</td><td>2</td><td>2</td><td>2</td><td>2</td><td>2</td></tr><tr><td>Z(-40℃)/Z(20℃)</td><td>8</td><td>6</td><td>4</td><td>3</td><td>3</td><td>3</td><td>3</td><td>3</td></tr></table><br>(120Hz)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |           |      |      |      |      |      |      | 定格電圧(Vdc)<br>Rated Voltage          | 6.3                                             | 10 | 16 | 25 | 35 | 50 | 63 | 100                               | Z(-25℃)/Z(20℃)                                           | 4    | 3    | 2    | 2    | 2    | 2    | 2                          | 2                                           | Z(-40℃)/Z(20℃) | 8 | 6 | 4 | 3 | 3 | 3                   | 3                    | 3 |           |           |        |      |      |         |      |      |         |      |       |
| 定格電圧(Vdc)<br>Rated Voltage                                                 | 6.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 10        | 16   | 25   | 35   | 50   | 63   | 100  |                                     |                                                 |    |    |    |    |    |    |                                   |                                                          |      |      |      |      |      |      |                            |                                             |                |   |   |   |   |   |                     |                      |   |           |           |        |      |      |         |      |      |         |      |       |
| Z(-25℃)/Z(20℃)                                                             | 4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 3         | 2    | 2    | 2    | 2    | 2    | 2    |                                     |                                                 |    |    |    |    |    |    |                                   |                                                          |      |      |      |      |      |      |                            |                                             |                |   |   |   |   |   |                     |                      |   |           |           |        |      |      |         |      |      |         |      |       |
| Z(-40℃)/Z(20℃)                                                             | 8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 6         | 4    | 3    | 3    | 3    | 3    | 3    |                                     |                                                 |    |    |    |    |    |    |                                   |                                                          |      |      |      |      |      |      |                            |                                             |                |   |   |   |   |   |                     |                      |   |           |           |        |      |      |         |      |      |         |      |       |

### ◆リップル電流補正係数／ MULTIPLIER FOR RIPPLE CURRENT

| 周波数 (Hz)<br>Frequency | 120  | 1k   | 10k  | 100k≤ |
|-----------------------|------|------|------|-------|
| 係数<br>Coefficient     |      |      |      |       |
| 6.8～33µF              | 0.42 | 0.70 | 0.90 | 1.00  |
| 39～270µF              | 0.50 | 0.73 | 0.92 | 1.00  |
| 330～680µF             | 0.55 | 0.77 | 0.94 | 1.00  |
| 820～1800µF            | 0.60 | 0.80 | 0.96 | 1.00  |
| 2200～18000µF          | 0.70 | 0.85 | 0.98 | 1.00  |

### ◆寸法図／DIMENSIONS

(mm)



### ◆副記号／OPTION

|                    | 記号 Code |
|--------------------|---------|
| PETスリーブ PET Sleeve | EFC     |

### ◆呼称方法／PART NUMBER

|                       |                 |                     |                                  |               |                         |                     |
|-----------------------|-----------------|---------------------|----------------------------------|---------------|-------------------------|---------------------|
| □□□                   | YXH             | □□□□□               | M                                | □□□           | □□                      | D×L                 |
| 定格電圧<br>Rated Voltage | シリーズ名<br>Series | 静電容量<br>Capacitance | 静電容量許容差<br>Capacitance Tolerance | 副記号<br>Option | リード加工記号<br>Lead Forming | ケースサイズ<br>Case Size |

### ◆標準品一覧表／STANDARD SIZE

| 定格電圧<br>Rated Voltage<br>(Vdc) | 静電容量<br>Capacitance<br>(μF) | 外形寸法<br>Size<br>φD×L(mm) | 定格リプル電流<br>Rated ripple current<br>(mA r.m.s./105°C, 100kHz) | インピーダンス(Ω MAX)<br>Impedance |               |
|--------------------------------|-----------------------------|--------------------------|--------------------------------------------------------------|-----------------------------|---------------|
|                                |                             |                          |                                                              | 20°C, 100kHz                | -10°C, 100kHz |
| 6.3                            | 150                         | 5×11                     | 210                                                          | 0.58                        | 2.3           |
|                                | 330                         | 6.3×11                   | 340                                                          | 0.22                        | 0.87          |
|                                | 680                         | 8×11.5                   | 640                                                          | 0.13                        | 0.52          |
|                                | 820                         | 10×12.5                  | 865                                                          | 0.08                        | 0.32          |
|                                | 1000                        | 8×16                     | 840                                                          | 0.087                       | 0.35          |
|                                | 1200                        | 8×20                     | 1050                                                         | 0.069                       | 0.27          |
|                                | 1200                        | 10×16                    | 1210                                                         | 0.060                       | 0.24          |
|                                | 1500                        | 10×20                    | 1400                                                         | 0.046                       | 0.18          |
|                                | 1800                        | 12.5×16                  | 1450                                                         | 0.049                       | 0.16          |
|                                | 2200                        | 10×23                    | 1650                                                         | 0.042                       | 0.17          |
|                                | 2700                        | 10×28                    | 1910                                                         | 0.031                       | 0.12          |
|                                | 2700                        | 16×16                    | 1940                                                         | 0.042                       | 0.12          |
|                                | 3300                        | 12.5×20                  | 1900                                                         | 0.035                       | 0.12          |
|                                | 3900                        | 12.5×25                  | 2230                                                         | 0.027                       | 0.089         |
|                                | 3900                        | 18×16                    | 2210                                                         | 0.043                       | 0.11          |
|                                | 4700                        | 12.5×30                  | 2650                                                         | 0.024                       | 0.078         |
|                                | 5600                        | 12.5×35                  | 2880                                                         | 0.020                       | 0.065         |
|                                | 5600                        | 16×20                    | 2530                                                         | 0.027                       | 0.078         |
|                                | 6800                        | 12.5×40                  | 3350                                                         | 0.017                       | 0.056         |
|                                | 6800                        | 16×25                    | 2930                                                         | 0.021                       | 0.060         |
|                                | 6800                        | 18×20                    | 2860                                                         | 0.026                       | 0.067         |
|                                | 8200                        | 16×31.5                  | 3450                                                         | 0.017                       | 0.050         |
|                                | 10000                       | 16×35.5                  | 3610                                                         | 0.015                       | 0.044         |
|                                | 10000                       | 18×25                    | 3140                                                         | 0.019                       | 0.049         |
| 10                             | 12000                       | 16×40                    | 4080                                                         | 0.013                       | 0.038         |
|                                | 12000                       | 18×31.5                  | 4170                                                         | 0.015                       | 0.040         |
|                                | 15000                       | 18×35.5                  | 4220                                                         | 0.014                       | 0.038         |
|                                | 18000                       | 18×40                    | 4280                                                         | 0.012                       | 0.032         |
|                                | 100                         | 5×11                     | 210                                                          | 0.58                        | 2.3           |
|                                | 220                         | 6.3×11                   | 340                                                          | 0.22                        | 0.87          |
|                                | 470                         | 8×11.5                   | 640                                                          | 0.13                        | 0.52          |
|                                | 680                         | 8×16                     | 840                                                          | 0.087                       | 0.35          |
|                                | 680                         | 10×12.5                  | 865                                                          | 0.080                       | 0.32          |
|                                | 1000                        | 8×20                     | 1050                                                         | 0.069                       | 0.27          |
|                                | 1000                        | 10×16                    | 1210                                                         | 0.060                       | 0.24          |
|                                | 1200                        | 10×20                    | 1400                                                         | 0.046                       | 0.18          |
|                                | 1500                        | 10×23                    | 1650                                                         | 0.042                       | 0.17          |
|                                | 1500                        | 12.5×16                  | 1450                                                         | 0.049                       | 0.16          |
|                                | 2200                        | 10×28                    | 1910                                                         | 0.031                       | 0.12          |
|                                | 2200                        | 12.5×20                  | 1900                                                         | 0.035                       | 0.12          |
|                                | 2200                        | 16×16                    | 1940                                                         | 0.042                       | 0.12          |
|                                | 2700                        | 18×16                    | 2210                                                         | 0.043                       | 0.11          |
|                                | 3300                        | 12.5×25                  | 2230                                                         | 0.027                       | 0.089         |
|                                | 3900                        | 12.5×30                  | 2650                                                         | 0.024                       | 0.078         |
|                                | 3900                        | 16×20                    | 2530                                                         | 0.027                       | 0.078         |
|                                | 4700                        | 12.5×35                  | 2880                                                         | 0.020                       | 0.065         |
|                                | 5600                        | 12.5×40                  | 3350                                                         | 0.017                       | 0.056         |
|                                | 5600                        | 16×25                    | 2930                                                         | 0.021                       | 0.060         |
|                                | 5600                        | 18×20                    | 2860                                                         | 0.026                       | 0.067         |
| 16                             | 6800                        | 16×31.5                  | 3450                                                         | 0.017                       | 0.050         |
|                                | 8200                        | 16×35.5                  | 3610                                                         | 0.015                       | 0.044         |
|                                | 10000                       | 18×25                    | 3140                                                         | 0.019                       | 0.049         |
|                                | 12000                       | 16×40                    | 4080                                                         | 0.013                       | 0.038         |
|                                | 12000                       | 18×31.5                  | 4170                                                         | 0.015                       | 0.040         |
|                                | 15000                       | 18×35.5                  | 4220                                                         | 0.014                       | 0.038         |
|                                | 18000                       | 18×40                    | 4280                                                         | 0.012                       | 0.032         |
|                                | 56                          | 5×11                     | 210                                                          | 0.58                        | 2.3           |
|                                | 120                         | 6.3×11                   | 340                                                          | 0.22                        | 0.87          |
|                                | 330                         | 8×11.5                   | 640                                                          | 0.13                        | 0.52          |
|                                | 470                         | 8×16                     | 840                                                          | 0.087                       | 0.35          |
|                                | 470                         | 10×12.5                  | 865                                                          | 0.080                       | 0.32          |
|                                | 680                         | 8×20                     | 1050                                                         | 0.069                       | 0.27          |
|                                | 680                         | 10×16                    | 1210                                                         | 0.060                       | 0.24          |
|                                | 1000                        | 10×20                    | 1400                                                         | 0.046                       | 0.18          |
|                                | 1000                        | 12.5×16                  | 1450                                                         | 0.049                       | 0.16          |
|                                | 1200                        | 10×23                    | 1650                                                         | 0.042                       | 0.17          |
|                                | 1500                        | 10×28                    | 1910                                                         | 0.031                       | 0.12          |
|                                | 1500                        | 12.5×20                  | 1900                                                         | 0.035                       | 0.12          |
|                                | 1500                        | 16×16                    | 1940                                                         | 0.042                       | 0.12          |
|                                | 2200                        | 12.5×25                  | 2230                                                         | 0.027                       | 0.089         |
|                                | 2200                        | 18×16                    | 2210                                                         | 0.043                       | 0.11          |
|                                | 2700                        | 12.5×30                  | 2650                                                         | 0.024                       | 0.078         |
|                                | 2700                        | 16×20                    | 2530                                                         | 0.027                       | 0.078         |
|                                | 3300                        | 12.5×35                  | 2880                                                         | 0.020                       | 0.065         |
|                                | 3900                        | 12.5×40                  | 3350                                                         | 0.017                       | 0.056         |
|                                | 3900                        | 16×25                    | 2930                                                         | 0.021                       | 0.060         |
| 25                             | 3900                        | 18×20                    | 2860                                                         | 0.026                       | 0.067         |
|                                | 4700                        | 16×31.5                  | 3450                                                         | 0.017                       | 0.050         |
|                                | 4700                        | 18×25                    | 3140                                                         | 0.019                       | 0.049         |
|                                | 5600                        | 16×35.5                  | 3610                                                         | 0.015                       | 0.044         |
|                                | 5600                        | 18×31.5                  | 4170                                                         | 0.015                       | 0.040         |
|                                | 4700                        | 16×40                    | 4080                                                         | 0.013                       | 0.038         |
|                                | 4700                        | 18×35.5                  | 4220                                                         | 0.014                       | 0.038         |
|                                | 5600                        | 18×40                    | 4280                                                         | 0.012                       | 0.032         |
|                                | 47                          | 5×11                     | 210                                                          | 0.58                        | 2.3           |
|                                | 100                         | 6.3×11                   | 340                                                          | 0.22                        | 0.87          |
|                                | 220                         | 8×11.5                   | 640                                                          | 0.13                        | 0.52          |
|                                | 330                         | 8×16                     | 840                                                          | 0.087                       | 0.35          |
|                                | 330                         | 10×12.5                  | 865                                                          | 0.080                       | 0.32          |
|                                | 470                         | 8×20                     | 1050                                                         | 0.069                       | 0.27          |
|                                | 470                         | 10×16                    | 1210                                                         | 0.060                       | 0.24          |
|                                | 680                         | 10×20                    | 1400                                                         | 0.046                       | 0.18          |
|                                | 680                         | 12.5×16                  | 1450                                                         | 0.049                       | 0.16          |
|                                | 820                         | 10×23                    | 1650                                                         | 0.042                       | 0.17          |
|                                | 1000                        | 10×28                    | 1910                                                         | 0.031                       | 0.12          |
|                                | 1000                        | 12.5×20                  | 1900                                                         | 0.035                       | 0.12          |
|                                | 1000                        | 16×16                    | 1940                                                         | 0.042                       | 0.12          |
|                                | 1200                        | 18×16                    | 2210                                                         | 0.043                       | 0.11          |
|                                | 1500                        | 12.5×25                  | 2230                                                         | 0.027                       | 0.089         |
|                                | 1800                        | 12.5×30                  | 2650                                                         | 0.024                       | 0.078         |
|                                | 1800                        | 16×20                    | 2530                                                         | 0.027                       | 0.078         |
|                                | 2200                        | 12.5×35                  | 2880                                                         | 0.020                       | 0.065         |
|                                | 2200                        | 18×20                    | 2860                                                         | 0.026                       | 0.067         |
|                                | 2700                        | 12.5×40                  | 3350                                                         | 0.017                       | 0.056         |
|                                | 2700                        | 16×25                    | 2930                                                         | 0.021                       | 0.060         |

### ◆標準品一覧表／STANDARD SIZE

| 定格電圧<br>Rated Voltage<br>(Vdc) | 静電容量<br>Capacitance<br>( $\mu$ F) | 外形寸法<br>Size<br>$\phi$ D×L(mm) | 定格リプル電流<br>Rated ripple current<br>(mA r.m.s./105°C, 100kHz) | インピーダンス( $\Omega$ MAX)<br>Impedance |               |
|--------------------------------|-----------------------------------|--------------------------------|--------------------------------------------------------------|-------------------------------------|---------------|
|                                |                                   |                                |                                                              | 20°C, 100kHz                        | -10°C, 100kHz |
| 35                             | 33                                | 5×11                           | 210                                                          | 0.58                                | 2.3           |
|                                | 56                                | 6.3×11                         | 340                                                          | 0.22                                | 0.87          |
|                                | 150                               | 8×11.5                         | 640                                                          | 0.13                                | 0.52          |
|                                | 220                               | 8×16                           | 840                                                          | 0.087                               | 0.35          |
|                                | 220                               | 10×12.5                        | 865                                                          | 0.080                               | 0.32          |
|                                | 270                               | 8×20                           | 1050                                                         | 0.069                               | 0.27          |
|                                | 330                               | 10×16                          | 1210                                                         | 0.060                               | 0.24          |
|                                | 470                               | 10×20                          | 1400                                                         | 0.046                               | 0.18          |
|                                | 470                               | 12.5×16                        | 1450                                                         | 0.049                               | 0.16          |
|                                | 560                               | 10×23                          | 1650                                                         | 0.042                               | 0.17          |
|                                | 680                               | 10×28                          | 1910                                                         | 0.031                               | 0.12          |
|                                | 680                               | 12.5×20                        | 1900                                                         | 0.035                               | 0.12          |
|                                | 680                               | 16×16                          | 1940                                                         | 0.042                               | 0.12          |
|                                | 1000                              | 12.5×25                        | 2230                                                         | 0.027                               | 0.089         |
|                                | 1000                              | 18×16                          | 2210                                                         | 0.043                               | 0.11          |
|                                | 1200                              | 12.5×30                        | 2650                                                         | 0.024                               | 0.078         |
|                                | 1200                              | 16×20                          | 2530                                                         | 0.027                               | 0.078         |
|                                | 1500                              | 12.5×35                        | 2880                                                         | 0.020                               | 0.065         |
|                                | 1800                              | 12.5×40                        | 3350                                                         | 0.017                               | 0.056         |
|                                | 1800                              | 16×25                          | 2930                                                         | 0.021                               | 0.060         |
|                                | 1800                              | 18×20                          | 2860                                                         | 0.026                               | 0.067         |
|                                | 2200                              | 16×31.5                        | 3450                                                         | 0.017                               | 0.050         |
|                                | 2200                              | 18×25                          | 3140                                                         | 0.019                               | 0.049         |
|                                | 2700                              | 16×35.5                        | 3610                                                         | 0.015                               | 0.044         |
|                                | 2700                              | 18×31.5                        | 4170                                                         | 0.015                               | 0.040         |
| 50                             | 3300                              | 16×40                          | 4080                                                         | 0.013                               | 0.038         |
|                                | 3300                              | 18×35.5                        | 4220                                                         | 0.014                               | 0.038         |
|                                | 3900                              | 18×40                          | 4280                                                         | 0.012                               | 0.032         |
|                                | 22                                | 5×11                           | 180                                                          | 0.70                                | 2.8           |
|                                | 56                                | 6.3×11                         | 295                                                          | 0.30                                | 1.2           |
|                                | 100                               | 8×11.5                         | 555                                                          | 0.17                                | 0.68          |
|                                | 120                               | 8×16                           | 730                                                          | 0.12                                | 0.48          |
|                                | 150                               | 10×12.5                        | 760                                                          | 0.12                                | 0.48          |
|                                | 180                               | 8×20                           | 910                                                          | 0.091                               | 0.36          |
|                                | 220                               | 10×16                          | 1050                                                         | 0.084                               | 0.34          |
|                                | 270                               | 10×20                          | 1220                                                         | 0.060                               | 0.24          |
|                                | 270                               | 12.5×16                        | 1260                                                         | 0.061                               | 0.20          |
|                                | 330                               | 10×23                          | 1440                                                         | 0.055                               | 0.22          |
|                                | 470                               | 10×28                          | 1690                                                         | 0.043                               | 0.17          |
|                                | 470                               | 12.5×20                        | 1660                                                         | 0.045                               | 0.15          |
|                                | 470                               | 16×16                          | 1690                                                         | 0.055                               | 0.17          |
|                                | 560                               | 12.5×25                        | 1950                                                         | 0.034                               | 0.11          |
|                                | 560                               | 18×16                          | 1930                                                         | 0.054                               | 0.15          |
|                                | 680                               | 12.5×30                        | 2310                                                         | 0.030                               | 0.10          |
|                                | 820                               | 12.5×35                        | 2510                                                         | 0.025                               | 0.083         |
|                                | 820                               | 16×20                          | 2210                                                         | 0.034                               | 0.10          |
|                                | 1000                              | 12.5×40                        | 2920                                                         | 0.021                               | 0.069         |
|                                | 1000                              | 16×25                          | 2555                                                         | 0.025                               | 0.075         |
|                                | 1000                              | 18×20                          | 2490                                                         | 0.036                               | 0.097         |
|                                | 1200                              | 16×31.5                        | 3010                                                         | 0.022                               | 0.066         |
|                                | 1200                              | 18×25                          | 2740                                                         | 0.026                               | 0.070         |
|                                | 1500                              | 16×35.5                        | 3150                                                         | 0.019                               | 0.057         |
|                                | 1800                              | 16×40                          | 3710                                                         | 0.016                               | 0.048         |
|                                | 1800                              | 18×31.5                        | 3635                                                         | 0.021                               | 0.057         |
|                                | 2200                              | 18×35.5                        | 3680                                                         | 0.017                               | 0.046         |
|                                | 2700                              | 18×40                          | 3800                                                         | 0.014                               | 0.038         |
|                                | 3300                              | 18×40                          | 3800                                                         | 0.014                               | 0.038         |
| 63                             | 15                                | 5×11                           | 62                                                           | 1.8                                 | 7.3           |
|                                | 33                                | 6.3×11                         | 126                                                          | 1.0                                 | 4.1           |
|                                | 56                                | 8×11.5                         | 260                                                          | 0.50                                | 2.2           |
|                                | 82                                | 8×16                           | 335                                                          | 0.36                                | 1.7           |
|                                | 82                                | 10×12.5                        | 325                                                          | 0.34                                | 1.4           |
|                                | 120                               | 8×20                           | 408                                                          | 0.26                                | 1.3           |
|                                | 120                               | 10×16                          | 400                                                          | 0.25                                | 1.2           |
|                                | 180                               | 10×20                          | 518                                                          | 0.17                                | 0.76          |
|                                | 180                               | 12.5×16                        | 527                                                          | 0.18                                | 0.86          |
|                                | 220                               | 10×23                          | 595                                                          | 0.16                                | 0.67          |
|                                | 270                               | 10×28                          | 740                                                          | 0.12                                | 0.57          |
|                                | 270                               | 12.5×20                        | 765                                                          | 0.13                                | 0.52          |
|                                | 270                               | 16×16                          | 895                                                          | 0.11                                | 0.52          |
|                                | 330                               | 12.5×25                        | 875                                                          | 0.096                               | 0.36          |
|                                | 390                               | 18×16                          | 1030                                                         | 0.096                               | 0.40          |
|                                | 470                               | 12.5×30                        | 1010                                                         | 0.080                               | 0.34          |
|                                | 470                               | 16×20                          | 1130                                                         | 0.077                               | 0.32          |
|                                | 560                               | 12.5×35                        | 1140                                                         | 0.070                               | 0.30          |
|                                | 560                               | 16×25                          | 1350                                                         | 0.062                               | 0.23          |
|                                | 680                               | 12.5×40                        | 1280                                                         | 0.060                               | 0.25          |
|                                | 680                               | 18×20                          | 1300                                                         | 0.072                               | 0.27          |
|                                | 820                               | 16×31.5                        | 1650                                                         | 0.049                               | 0.18          |
|                                | 820                               | 18×25                          | 1560                                                         | 0.052                               | 0.19          |
|                                | 1000                              | 16×35.5                        | 1900                                                         | 0.040                               | 0.15          |
|                                | 1000                              | 18×31.5                        | 1720                                                         | 0.042                               | 0.15          |
|                                | 1200                              | 16×40                          | 2130                                                         | 0.036                               | 0.13          |
|                                | 1200                              | 18×35.5                        | 1890                                                         | 0.036                               | 0.13          |
|                                | 1500                              | 18×40                          | 2470                                                         | 0.032                               | 0.12          |
| 100                            | 6.8                               | 5×11                           | 62                                                           | 1.8                                 | 7.3           |
|                                | 15                                | 6.3×11                         | 126                                                          | 1.0                                 | 4.1           |
|                                | 27                                | 8×11.5                         | 260                                                          | 0.50                                | 2.2           |
|                                | 39                                | 8×16                           | 335                                                          | 0.36                                | 1.7           |
|                                | 47                                | 10×12.5                        | 325                                                          | 0.34                                | 1.4           |
|                                | 56                                | 8×20                           | 408                                                          | 0.26                                | 1.3           |
|                                | 68                                | 10×16                          | 400                                                          | 0.25                                | 1.2           |
|                                | 82                                | 10×20                          | 518                                                          | 0.17                                | 0.76          |
|                                | 82                                | 12.5×16                        | 527                                                          | 0.18                                | 0.86          |
|                                | 100                               | 10×23                          | 595                                                          | 0.16                                | 0.67          |
|                                | 120                               | 10×28                          | 740                                                          | 0.12                                | 0.57          |
|                                | 120                               | 12.5×20                        | 765                                                          | 0.13                                | 0.52          |
|                                | 150                               | 16×16                          | 895                                                          | 0.11                                | 0.52          |
|                                | 180                               | 12.5×25                        | 875                                                          | 0.096                               | 0.36          |
|                                | 180                               | 18×16                          | 1030                                                         | 0.096                               | 0.40          |
|                                | 220                               | 12.5×30                        | 1010                                                         | 0.080                               | 0.34          |
|                                | 220                               | 16×20                          | 1130                                                         | 0.077                               | 0.32          |
|                                | 270                               | 12.5×35                        | 1140                                                         | 0.070                               | 0.30          |
|                                | 270                               | 16×25                          | 1350                                                         | 0.062                               | 0.23          |
|                                | 330                               | 12.5×40                        | 1280                                                         | 0.060                               | 0.25          |
|                                | 330                               | 18×20                          | 1300                                                         | 0.072                               | 0.27          |
|                                | 390                               | 16×31.5                        | 1650                                                         | 0.049                               | 0.18          |
|                                | 390                               | 18×25                          | 1560                                                         | 0.052                               | 0.19          |
|                                | 470                               | 16×35.5                        | 1900                                                         | 0.040                               | 0.15          |
|                                | 470                               | 18×31.5                        | 1720                                                         | 0.042                               | 0.15          |
|                                | 560                               | 16×40                          | 2130                                                         | 0.036                               | 0.13          |
|                                | 680                               | 18×35.5                        | 1890                                                         | 0.036                               | 0.13          |
|                                | 820                               | 18×40                          | 2470                                                         | 0.032                               | 0.12          |