

YXF シリーズ  
SERIES

105℃ 長寿命品  
105℃ Long Life

・105℃ 4000～10000時間品。  
Load Life : 105℃ 4000～10000 hours.

RoHS  
compliance



◆規格表／SPECIFICATIONS

| 項 目                                 | Items                                                           | 特 性                                                                                                                                                                                                                                                                                                                                                                                            |                           | Characteristics                     |                                                 |                                   |                                                          |                            |                                             |                                                                                                                                                                                                                                                                                                                |    |                     |                      |     |                |           |           |        |      |      |         |      |      |                |      |       |   |   |   |   |   |   |
|-------------------------------------|-----------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------------------|-------------------------------------------------|-----------------------------------|----------------------------------------------------------|----------------------------|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|---------------------|----------------------|-----|----------------|-----------|-----------|--------|------|------|---------|------|------|----------------|------|-------|---|---|---|---|---|---|
| カ テ ゴ リ 温 度 範 囲                     | Category Temperature Range                                      | −40〜+105℃                                                                                                                                                                                                                                                                                                                                                                                      |                           |                                     |                                                 |                                   |                                                          |                            |                                             |                                                                                                                                                                                                                                                                                                                |    |                     |                      |     |                |           |           |        |      |      |         |      |      |                |      |       |   |   |   |   |   |   |
| 定 格 電 圧 範 囲                         | Rated Voltage Range                                             | 6.3〜100Vdc                                                                                                                                                                                                                                                                                                                                                                                     |                           |                                     |                                                 |                                   |                                                          |                            |                                             |                                                                                                                                                                                                                                                                                                                |    |                     |                      |     |                |           |           |        |      |      |         |      |      |                |      |       |   |   |   |   |   |   |
| 静 電 容 量 許 容 差                       | Capacitance Tolerance                                           | ±20% (20℃,120Hz)                                                                                                                                                                                                                                                                                                                                                                               |                           |                                     |                                                 |                                   |                                                          |                            |                                             |                                                                                                                                                                                                                                                                                                                |    |                     |                      |     |                |           |           |        |      |      |         |      |      |                |      |       |   |   |   |   |   |   |
| 漏 れ 電 流                             | 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)                                                                                                                                                                                                                                                                                                |                           |                                     |                                                 |                                   |                                                          |                            |                                             |                                                                                                                                                                                                                                                                                                                |    |                     |                      |     |                |           |           |        |      |      |         |      |      |                |      |       |   |   |   |   |   |   |
|                                     |                                                                 | I=漏れ電流(μA)<br>Leakage Current                                                                                                                                                                                                                                                                                                                                                                  | C=静電容量(μF)<br>Capacitance | V=定格電圧(Vdc)<br>Rated Voltage        |                                                 |                                   |                                                          |                            |                                             |                                                                                                                                                                                                                                                                                                                |    |                     |                      |     |                |           |           |        |      |      |         |      |      |                |      |       |   |   |   |   |   |   |
| 損 失 角 の 正 接 (tanδ)                  | Dissipation Factor(MAX)                                         | <table><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> (20℃,120Hz)                                                                                               |                           |                                     |                                                 | 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                       |                                             |                                                                                                                                                                                                                                                                                                                |    |                     |                      |     |                |           |           |        |      |      |         |      |      |                |      |       |   |   |   |   |   |   |
|                                     |                                                                 | 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.                                                                                                                                                                                                                                      |                           |                                     |                                                 |                                   |                                                          |                            |                                             |                                                                                                                                                                                                                                                                                                                |    |                     |                      |     |                |           |           |        |      |      |         |      |      |                |      |       |   |   |   |   |   |   |
| 耐 久 性                               | Endurance                                                       | 105℃中で右表の時間定格電圧(リプル重量)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.                                                                                                                                                                                                             |                           |                                     |                                                 |                                   |                                                          |                            |                                             |                                                                                                                                                                                                                                                                                                                |    |                     |                      |     |                |           |           |        |      |      |         |      |      |                |      |       |   |   |   |   |   |   |
|                                     |                                                                 | <table><tr><td>静 電 容 量 変 化 率<br/>Capacitance Change</td><td>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>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>規格値以下<br/>Not more than the specified value.</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. | <table><tr><td>ケースサイズ<br/>Case Size</td><td colspan="2">時間(hrs)<br/>Life Time</td></tr><tr><td></td><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> |    | 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                             | Low Temperature Stability<br>(インピーダンス比)<br>Impedance Ratio(MAX) | <table><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> (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                          |                                             |                                                                                                                                                                                                                                                                                                                |    |                     |                      |     |                |           |           |        |      |      |         |      |      |                |      |       |   |   |   |   |   |   |

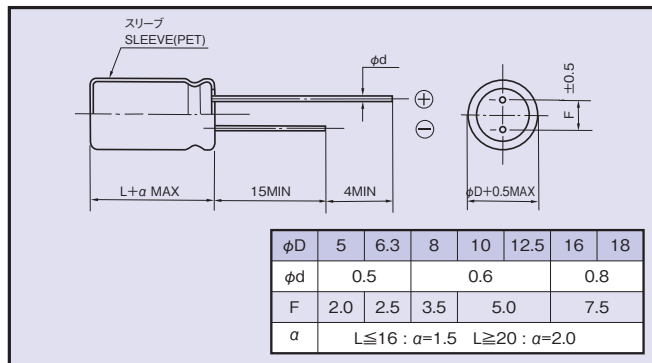
◆リプル電流補正係数／

MULTIPLIER FOR RIPPLE CURRENT

| 周波数(Hz)<br>Frequency | 120  | 1k   | 10k  | 100k $\leq$ |
|----------------------|------|------|------|-------------|
| 1 $\mu F$            | 0.35 | 0.60 | 0.80 | 1.00        |
| 2.2～10 $\mu F$       | 0.42 | 0.60 | 0.80 | 1.00        |
| 22～33 $\mu F$        | 0.55 | 0.75 | 0.90 | 1.00        |
| 47～330 $\mu F$       | 0.70 | 0.85 | 0.95 | 1.00        |
| 470～1000 $\mu F$     | 0.75 | 0.90 | 0.98 | 1.00        |
| 2200～15000 $\mu F$   | 0.80 | 0.95 | 1.00 | 1.00        |

◆寸法図／DIMENSIONS

(mm)



◆呼称方法／PART NUMBER

|                       |                 |                     |                                  |               |                         |                     |
|-----------------------|-----------------|---------------------|----------------------------------|---------------|-------------------------|---------------------|
| □□□                   | YXF             | □□□□□               | M                                | □□□           | □□                      | DXL                 |
| 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 |

◆副記号／OPTION

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

### ◆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                            | 100                         | 5×11                     | 150                                                          | 0.90                        | 3.6           |
|                                | 220                         | 6.3×11                   | 250                                                          | 0.40                        | 1.6           |
|                                | 330                         | 6.3×11                   | 250                                                          | 0.40                        | 1.6           |
|                                | 470                         | 8×11.5                   | 400                                                          | 0.25                        | 1.0           |
|                                | 1000                        | 10×12.5                  | 580                                                          | 0.16                        | 0.65          |
|                                | 2200                        | 12.5×20                  | 1300                                                         | 0.062                       | 0.21          |
|                                | 3300                        | 12.5×20                  | 1300                                                         | 0.062                       | 0.21          |
|                                | 4700                        | 16×25                    | 1850                                                         | 0.034                       | 0.096         |
|                                | 6800                        | 16×25                    | 1850                                                         | 0.034                       | 0.096         |
|                                | 10000                       | 16×31.5                  | 2000                                                         | 0.029                       | 0.087         |
|                                | 15000                       | 18×35.5                  | 2200                                                         | 0.025                       | 0.058         |
| 10                             | 100                         | 5×11                     | 150                                                          | 0.90                        | 3.6           |
|                                | 220                         | 6.3×11                   | 250                                                          | 0.40                        | 1.6           |
|                                | 330                         | 8×11.5                   | 400                                                          | 0.25                        | 1.0           |
|                                | 470                         | 8×11.5                   | 400                                                          | 0.25                        | 1.0           |
|                                | 1000                        | 10×16                    | 770                                                          | 0.12                        | 0.46          |
|                                | 2200                        | 12.5×20                  | 1300                                                         | 0.062                       | 0.21          |
|                                | 3300                        | 12.5×25                  | 1650                                                         | 0.048                       | 0.16          |
|                                | 4700                        | 16×25                    | 1850                                                         | 0.034                       | 0.096         |
|                                | 6800                        | 16×31.5                  | 2000                                                         | 0.029                       | 0.087         |
|                                | 10000                       | 18×35.5                  | 2200                                                         | 0.025                       | 0.058         |
| 16                             | 47                          | 5×11                     | 150                                                          | 0.90                        | 3.6           |
|                                | 100                         | 6.3×11                   | 250                                                          | 0.40                        | 1.6           |
|                                | 220                         | 8×11.5                   | 400                                                          | 0.25                        | 1.0           |
|                                | 330                         | 8×11.5                   | 400                                                          | 0.25                        | 1.0           |
|                                | 470                         | 10×12.5                  | 580                                                          | 0.16                        | 0.65          |
|                                | 1000                        | 10×20                    | 1050                                                         | 0.078                       | 0.30          |
|                                | 2200                        | 12.5×25                  | 1650                                                         | 0.048                       | 0.16          |
|                                | 3300                        | 16×25                    | 1850                                                         | 0.034                       | 0.096         |
|                                | 4700                        | 16×31.5                  | 2000                                                         | 0.029                       | 0.087         |
| 25                             | 33                          | 5×11                     | 150                                                          | 0.90                        | 3.6           |
|                                | 47                          | 5×11                     | 150                                                          | 0.90                        | 3.6           |
|                                | 100                         | 6.3×11                   | 250                                                          | 0.40                        | 1.6           |
|                                | 220                         | 8×11.5                   | 400                                                          | 0.25                        | 1.0           |
|                                | 330                         | 10×12.5                  | 580                                                          | 0.16                        | 0.65          |
|                                | 470                         | 10×16                    | 770                                                          | 0.12                        | 0.46          |
|                                | 1000                        | 12.5×20                  | 1300                                                         | 0.062                       | 0.21          |
|                                | 2200                        | 16×25                    | 1850                                                         | 0.034                       | 0.096         |
|                                | 3300                        | 16×31.5                  | 2000                                                         | 0.029                       | 0.087         |
| 35                             | 4700                        | 18×35.5                  | 2200                                                         | 0.025                       | 0.058         |
|                                | 33                          | 5×11                     | 150                                                          | 0.90                        | 3.6           |
|                                | 47                          | 6.3×11                   | 250                                                          | 0.40                        | 1.6           |
|                                | 100                         | 8×11.5                   | 400                                                          | 0.25                        | 1.0           |
|                                | 220                         | 10×12.5                  | 580                                                          | 0.16                        | 0.65          |
|                                | 330                         | 10×16                    | 770                                                          | 0.12                        | 0.46          |
|                                | 470                         | 10×20                    | 1050                                                         | 0.078                       | 0.30          |
|                                | 1000                        | 12.5×25                  | 1650                                                         | 0.048                       | 0.16          |
|                                | 2200                        | 16×31.5                  | 2000                                                         | 0.029                       | 0.087         |
| 50                             | 3300                        | 18×35.5                  | 2200                                                         | 0.025                       | 0.058         |
|                                | 1                           | 5×11                     | 150                                                          | 0.90                        | 3.6           |
|                                | 2.2                         | 5×11                     | 250                                                          | 0.40                        | 1.6           |
|                                | 3.3                         | 5×11                     | 250                                                          | 0.40                        | 1.6           |
|                                | 4.7                         | 5×11                     | 400                                                          | 0.25                        | 1.0           |
|                                | 10                          | 5×11                     | 580                                                          | 0.16                        | 0.65          |
|                                | 22                          | 5×11                     | 770                                                          | 0.12                        | 0.46          |
|                                | 33                          | 6.3×11                   | 1050                                                         | 0.078                       | 0.30          |
|                                | 47                          | 6.3×11                   | 1300                                                         | 0.062                       | 0.21          |
| 63                             | 100                         | 8×11.5                   | 1650                                                         | 0.048                       | 0.16          |
|                                | 220                         | 10×16                    | 1850                                                         | 0.034                       | 0.096         |
|                                | 330                         | 10×20                    | 2000                                                         | 0.029                       | 0.087         |
|                                | 470                         | 12.5×20                  | 2200                                                         | 0.025                       | 0.058         |
|                                | 10                          | 5×11                     | 150                                                          | 0.90                        | 3.6           |
|                                | 22                          | 6.3×11                   | 250                                                          | 0.40                        | 1.6           |
|                                | 33                          | 6.3×11                   | 250                                                          | 0.40                        | 1.6           |
|                                | 47                          | 8×11.5                   | 400                                                          | 0.25                        | 1.0           |
|                                | 100                         | 10×12.5                  | 580                                                          | 0.16                        | 0.65          |
| 100                            | 220                         | 10×20                    | 770                                                          | 0.12                        | 0.46          |
|                                | 330                         | 12.5×20                  | 1050                                                         | 0.078                       | 0.30          |
|                                | 470                         | 12.5×25                  | 1300                                                         | 0.062                       | 0.21          |
|                                | 1000                        | 16×25                    | 1850                                                         | 0.034                       | 0.096         |
|                                | 2200                        | 18×35.5                  | 2200                                                         | 0.025                       | 0.058         |
|                                | 10                          | 5×11                     | 150                                                          | 0.90                        | 3.6           |
|                                | 22                          | 6.3×11                   | 250                                                          | 0.40                        | 1.6           |
|                                | 33                          | 6.3×11                   | 250                                                          | 0.40                        | 1.6           |
|                                | 47                          | 8×11.5                   | 400                                                          | 0.25                        | 1.0           |
| 250                            | 100                         | 10×12.5                  | 580                                                          | 0.16                        | 0.65          |
|                                | 220                         | 10×20                    | 770                                                          | 0.12                        | 0.46          |
|                                | 330                         | 12.5×20                  | 1050                                                         | 0.078                       | 0.30          |
|                                | 470                         | 12.5×25                  | 1300                                                         | 0.062                       | 0.21          |
|                                | 1000                        | 16×25                    | 1850                                                         | 0.034                       | 0.096         |
|                                | 2200                        | 18×35.5                  | 2200                                                         | 0.025                       | 0.058         |
|                                | 10                          | 5×11                     | 150                                                          | 0.90                        | 3.6           |
|                                | 22                          | 6.3×11                   | 250                                                          | 0.40                        | 1.6           |
|                                | 33                          | 6.3×11                   | 250                                                          | 0.40                        | 1.6           |
| 500                            | 47                          | 8×11.5                   | 400                                                          | 0.25                        | 1.0           |
|                                | 100                         | 10×12.5                  | 580                                                          | 0.16                        | 0.65          |
|                                | 220                         | 10×20                    | 770                                                          | 0.12                        | 0.46          |
|                                | 330                         | 12.5×20                  | 1050                                                         | 0.078                       | 0.30          |
|                                | 470                         | 12.5×25                  | 1300                                                         | 0.062                       | 0.21          |
|                                | 1000                        | 16×25                    | 1850                                                         | 0.034                       | 0.096         |
|                                | 2200                        | 18×35.5                  | 2200                                                         | 0.025                       | 0.058         |
|                                | 10                          | 5×11                     | 150                                                          | 0.90                        | 3.6           |
|                                | 22                          | 6.3×11                   | 250                                                          | 0.40                        | 1.6           |
| 1000                           | 33                          | 6.3×11                   | 250                                                          | 0.40                        | 1.6           |
|                                | 47                          | 8×11.5                   | 400                                                          | 0.25                        | 1.0           |
|                                | 100                         | 10×12.5                  | 580                                                          | 0.16                        | 0.65          |
|                                | 220                         | 10×20                    | 770                                                          | 0.12                        | 0.46          |
|                                | 330                         | 12.5×20                  | 1050                                                         | 0.078                       | 0.30          |
|                                | 470                         | 12.5×25                  | 1300                                                         | 0.062                       | 0.21          |
|                                | 1000                        | 16×25                    | 1850                                                         | 0.034                       | 0.096         |
|                                | 2200                        | 18×35.5                  | 2200                                                         | 0.025                       | 0.058         |
|                                | 10                          | 5×11                     | 150                                                          | 0.90                        | 3.6           |

| 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 |
| 50                             | 1                           | 5×11                     | 30                                                           | 4.0                         | 8.0           |
|                                | 2.2                         | 5×11                     | 43                                                           | 2.5                         | 6.0           |
|                                | 3.3                         | 5×11                     | 53                                                           | 2.2                         | 5.6           |
|                                | 4.7                         | 5×11                     | 88                                                           | 1.9                         | 5.0           |
|                                | 10                          | 5×11                     | 100                                                          | 1.5                         | 4.0           |
|                                | 22                          | 5×11                     | 150                                                          | 0.90                        | 3.6           |
|                                | 33                          | 6.3×11                   | 250                                                          | 0.40                        | 1.6           |
|                                | 47                          | 6.3×11                   | 250                                                          | 0.40                        | 1.6           |
|                                | 100                         | 8×11.5                   | 400                                                          | 0.25                        | 1.0           |
|                                | 220                         | 10×16                    | 770                                                          | 0.12                        | 0.46          |
|                                | 330                         | 10×20                    | 1050                                                         | 0.078                       | 0.30          |
|                                | 470                         | 12.5×20                  | 1300                                                         | 0.062                       | 0.21          |
|                                | 1000                        | 16×25                    | 1850                                                         | 0.034                       | 0.096         |
|                                | 2200                        | 18×35.5                  | 2200                                                         | 0.025                       | 0.058         |
| 63                             | 10                          | 5×11                     | 87                                                           | 2.3                         | 9.3           |
|                                | 22                          | 6.3×11                   | 140                                                          | 1.3                         | 5.2           |
|                                | 33                          | 6.3×11                   | 140                                                          | 1.2                         | 5.0           |
|                                | 47                          | 8×11.5                   | 210                                                          | 0.63                        | 2.8           |
|                                | 100                         | 10×12.5                  | 300                                                          | 0.43                        | 1.8           |
|                                | 220                         | 10×20                    | 520                                                          | 0.21                        | 0.84          |
|                                | 330                         | 12.5×20                  | 660                                                          | 0.16                        | 0.64          |
|                                | 470                         | 12.5×25                  | 750                                                          | 0.12                        | 0.45          |
|                                | 1000                        | 16×31.5                  | 1390                                                         | 0.054                       | 0.20          |
| 100                            | 1                           | 5×11                     | 20                                                           | 4.5                         | 15.0          |
|                                | 2.2                         | 5×11                     | 30                                                           | 3.0                         | 13.0          |
|                                | 3.3                         | 5×11                     | 40                                                           | 2.7                         | 11.0          |
|                                | 4.7                         | 5×11                     | 65                                                           | 2.5                         | 10.0          |
|                                | 10                          | 6.3×11                   | 140                                                          | 1.2                         | 5.0           |
|                                | 22                          | 8×11.5                   | 160                                                          | 0.63                        | 2.8           |
|                                | 33                          | 10×12.5                  | 230                                                          | 0.43                        | 1.8           |
|                                | 47                          | 10×16                    | 290                                                          | 0.31                        | 1.5           |
|                                | 100                         | 12.5×20                  | 430                                                          | 0.16                        | 0.64          |
|                                | 220                         | 16×25                    | 900                                                          | 0.073                       | 0.27          |
|                                | 330                         | 16×25                    | 900                                                          | 0.073                       | 0.27          |
|                                | 1                           | 5×11                     | 20                                                           | 4.5                         | 15.0          |
|                                | 2.2                         | 5×11                     | 30                                                           | 3.0                         | 13.0          |
|                                | 3.3                         | 5×11                     | 40                                                           | 2.7                         | 11.0          |
|                                | 4.7                         | 5×11                     | 65                                                           | 2.5                         | 10.0          |
|                                | 10                          | 6.3×11                   | 140                                                          | 1.2                         | 5.0           |
|                                | 22                          | 8×11.5                   | 160                                                          | 0.63                        | 2.8           |
|                                | 33                          | 10×12.5                  | 230                                                          | 0.43                        | 1.8           |
|                                | 47                          | 10×16                    | 290                                                          | 0.31                        | 1.5           |
|                                | 100                         | 12.5×20                  | 430                                                          | 0.16                        | 0.64          |
|                                | 220                         | 16×25                    | 900                                                          | 0.073                       | 0.27          |
|                                | 330                         | 16×25                    | 900                                                          | 0.073                       | 0.27          |