

## VXG series

105°C 5000 時間  
Load Life : 105°C 5000 hours



### ◆規格表／SPECIFICATIONS

| 項目 Item                                                                  | 特性 Characteristics                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |             |             |             |         |      |            |      |             |             |             |              |                               |                                                                              |             |             |             |         |                 |    |     |             |             |                 |                              |                                                            |      |      |      |      |      |      |      |      |      |      |                         |                                             |  |  |  |  |  |  |  |  |  |  |
|--------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------|-------------|---------|------|------------|------|-------------|-------------|-------------|--------------|-------------------------------|------------------------------------------------------------------------------|-------------|-------------|-------------|---------|-----------------|----|-----|-------------|-------------|-----------------|------------------------------|------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|-------------------------|---------------------------------------------|--|--|--|--|--|--|--|--|--|--|
| カテゴリ温度範囲<br>Category Temperature Range                                   | -40～+105℃                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |             |             |             |         |      | -25～+105℃  |      |             |             |             |              |                               |                                                                              |             |             |             |         |                 |    |     |             |             |                 |                              |                                                            |      |      |      |      |      |      |      |      |      |      |                         |                                             |  |  |  |  |  |  |  |  |  |  |
| 定格電圧範囲<br>Rated Voltage Range                                            | 10～100Vdc                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |             |             |             |         |      | 200～500Vdc |      |             |             |             |              |                               |                                                                              |             |             |             |         |                 |    |     |             |             |                 |                              |                                                            |      |      |      |      |      |      |      |      |      |      |                         |                                             |  |  |  |  |  |  |  |  |  |  |
| 静電容量許容差<br>Capacitance Tolerance                                         | ±20% (20℃, 120Hz)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |             |             |             |         |      |            |      |             |             |             |              |                               |                                                                              |             |             |             |         |                 |    |     |             |             |                 |                              |                                                            |      |      |      |      |      |      |      |      |      |      |                         |                                             |  |  |  |  |  |  |  |  |  |  |
| 漏れ電流<br>Leakage Current (MAX)                                            | I=3√CV (定格電圧印加5分後)<br>I=3√CV (After 5 minutes application of rated voltage)<br>I=漏れ電流 (μ A) C=静電容量 (μ F) V=定格電圧 (Vdc)<br>Leakage Current Capacitance Rated Voltage                                                                                                                                                                                                                                                                                                                                                                                                                              |             |             |             |         |      |            |      |             |             |             |              |                               |                                                                              |             |             |             |         |                 |    |     |             |             |                 |                              |                                                            |      |      |      |      |      |      |      |      |      |      |                         |                                             |  |  |  |  |  |  |  |  |  |  |
| 損失角の正接 (tan δ)<br>Dissipation Factor (MAX)                               | <table><tr><td>定格電圧 (Vdc)<br/>Rated Voltage</td><td>10</td><td>16</td><td>25</td><td>35</td><td>50</td><td>63</td><td>80</td><td>100</td><td>200～<br/>250</td><td>400～<br/>450</td><td>475～<br/>500</td><td rowspan="2">(20℃, 120Hz)</td></tr><tr><td>tan δ</td><td>0.55</td><td>0.50</td><td>0.45</td><td>0.40</td><td>0.35</td><td>0.30</td><td>0.25</td><td>0.20</td><td>0.20</td><td>0.20</td><td>0.25</td></tr></table>                                                                                                                                                                    |             |             |             |         |      |            |      |             |             |             |              | 定格電圧 (Vdc)<br>Rated Voltage   | 10                                                                           | 16          | 25          | 35          | 50      | 63              | 80 | 100 | 200～<br>250 | 400～<br>450 | 475～<br>500     | (20℃, 120Hz)                 | tan δ                                                      | 0.55 | 0.50 | 0.45 | 0.40 | 0.35 | 0.30 | 0.25 | 0.20 | 0.20 | 0.20 | 0.25                    |                                             |  |  |  |  |  |  |  |  |  |  |
| 定格電圧 (Vdc)<br>Rated Voltage                                              | 10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 16          | 25          | 35          | 50      | 63   | 80         | 100  | 200～<br>250 | 400～<br>450 | 475～<br>500 | (20℃, 120Hz) |                               |                                                                              |             |             |             |         |                 |    |     |             |             |                 |                              |                                                            |      |      |      |      |      |      |      |      |      |      |                         |                                             |  |  |  |  |  |  |  |  |  |  |
| tan δ                                                                    | 0.55                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 0.50        | 0.45        | 0.40        | 0.35    | 0.30 | 0.25       | 0.20 | 0.20        | 0.20        | 0.25        |              |                               |                                                                              |             |             |             |         |                 |    |     |             |             |                 |                              |                                                            |      |      |      |      |      |      |      |      |      |      |                         |                                             |  |  |  |  |  |  |  |  |  |  |
| 耐久性<br>Endurance                                                         | 105℃中で5000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 5000 hours at 105℃, the capacitors shall meet the following requirements. <table><tr><td>静電容量変化率<br/>Capacitance Change</td><td colspan="11">初期値の ±20% (10WVは±25%)以内<br/>Within ±20%(For 10WV ; ±25%)of the initial value.</td></tr><tr><td>損失角の正接<br/>Dissipation Factor</td><td colspan="11">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="11">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 ±20% (10WVは±25%)以内<br>Within ±20%(For 10WV ; ±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. |  |  |  |  |  |  |  |  |  |  |
| 静電容量変化率<br>Capacitance Change                                            | 初期値の ±20% (10WVは±25%)以内<br>Within ±20%(For 10WV ; ±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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |             |             |             |         |      |            |      |             |             |             |              |                               |                                                                              |             |             |             |         |                 |    |     |             |             |                 |                              |                                                            |      |      |      |      |      |      |      |      |      |      |                         |                                             |  |  |  |  |  |  |  |  |  |  |
| 低温特性<br>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>10～<br/>100</td><td>200～<br/>250</td><td>400～<br/>450</td><td>475～<br/>500</td><td rowspan="3">(120Hz)</td></tr><tr><td>Z(-25℃)/Z(+20℃)</td><td>3</td><td>3</td><td>8</td><td>10</td></tr><tr><td>Z(-40℃)/Z(+20℃)</td><td>12</td><td>—</td><td>—</td><td>—</td></tr></table>                                                                                                                                                                                                                                                                |             |             |             |         |      |            |      |             |             |             |              | 定格電圧 (Vdc)<br>Rated Voltage   | 10～<br>100                                                                   | 200～<br>250 | 400～<br>450 | 475～<br>500 | (120Hz) | Z(-25℃)/Z(+20℃) | 3  | 3   | 8           | 10          | Z(-40℃)/Z(+20℃) | 12                           | —                                                          | —    | —    |      |      |      |      |      |      |      |      |                         |                                             |  |  |  |  |  |  |  |  |  |  |
| 定格電圧 (Vdc)<br>Rated Voltage                                              | 10～<br>100                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | 200～<br>250 | 400～<br>450 | 475～<br>500 | (120Hz) |      |            |      |             |             |             |              |                               |                                                                              |             |             |             |         |                 |    |     |             |             |                 |                              |                                                            |      |      |      |      |      |      |      |      |      |      |                         |                                             |  |  |  |  |  |  |  |  |  |  |
| Z(-25℃)/Z(+20℃)                                                          | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 3           | 8           | 10          |         |      |            |      |             |             |             |              |                               |                                                                              |             |             |             |         |                 |    |     |             |             |                 |                              |                                                            |      |      |      |      |      |      |      |      |      |      |                         |                                             |  |  |  |  |  |  |  |  |  |  |
| Z(-40℃)/Z(+20℃)                                                          | 12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | —           | —           | —           |         |      |            |      |             |             |             |              |                               |                                                                              |             |             |             |         |                 |    |     |             |             |                 |                              |                                                            |      |      |      |      |      |      |      |      |      |      |                         |                                             |  |  |  |  |  |  |  |  |  |  |

### ◆呼称方法／PART NUMBER

|                       |                 |                     |                                  |               |                       |                     |
|-----------------------|-----------------|---------------------|----------------------------------|---------------|-----------------------|---------------------|
| □□□                   | VXG             | □□□□□               | M                                | □□□           | SN                    | D x 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 | 端子記号<br>Terminal Code | ケースサイズ<br>Case Size |

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

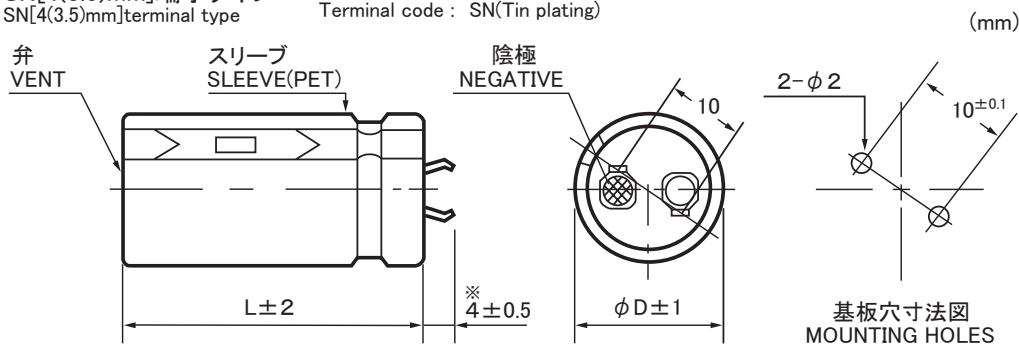
| 周波数 (Hz)<br>Frequency | 60<br>(50) | 120<br>(100) | 300  | 500  | 1k   | 10k≤ |
|-----------------------|------------|--------------|------|------|------|------|
| 10~100Vdc             | 0.90       | 1.00         | 1.03 | 1.05 | 1.10 | 1.15 |
| 200~250Vdc            | 0.80       | 1.00         | 1.15 | 1.20 | 1.30 | 1.50 |
| 400~500Vdc            | 0.80       | 1.00         | 1.15 | 1.20 | 1.25 | 1.40 |

### ◆副記号／OPTION

EFC : PET スリーブ、底板なし  
PET Sleeve without plate

◆寸法図／DIMENSIONS

●SN[4(3.5)mm]端子タイプ 端子記号 : SN(錫メッキ)  
SN[4(3.5)mm]terminal type Terminal code : SN(Tin plating)



※ 但し φ 35は3.5±0.5  
For φ 35, 3.5±0.5

◆標準品一覧表／STANDARD SIZE

| Cap.<br>(μF) | 10Vdc |      |       |      |       |      |       |      | 16Vdc |      |       |      |       |      |       |      |
|--------------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|
|              | φ 22  |      | φ 25  |      | φ 30  |      | φ 35  |      | φ 22  |      | φ 25  |      | φ 30  |      | φ 35  |      |
| 5600         |       |      |       |      |       |      |       |      | 22×25 | 1.44 |       |      |       |      |       |      |
| 6800         |       |      |       |      |       |      |       |      | 22×30 | 1.66 |       |      |       |      |       |      |
| 8200         | 22×25 | 1.36 |       |      |       |      |       |      | 22×30 | 1.79 | 25×25 | 1.67 |       |      |       |      |
| 10000        | 22×30 | 1.65 |       |      |       |      |       |      | 22×35 | 2.08 | 25×30 | 2.07 |       |      |       |      |
| 12000        | 22×35 | 1.85 | 25×25 | 1.82 |       |      |       |      | 22×40 | 2.36 | 25×35 | 2.37 | 30×25 | 2.13 |       |      |
| 15000        | 22×40 | 2.12 | 25×30 | 2.11 | 30×25 | 2.14 |       |      | 22×45 | 2.69 | 25×40 | 2.72 | 30×30 | 2.54 |       |      |
| 18000        | 22×45 | 2.40 | 25×35 | 2.32 | 30×30 | 2.37 |       |      |       |      | 25×45 | 3.06 | 30×35 | 3.02 | 35×30 | 3.09 |
| 22000        |       |      | 25×40 | 2.59 | 30×30 | 2.73 |       |      |       |      | 25×50 | 3.39 | 30×40 | 3.46 | 35×30 | 3.31 |
| 27000        |       |      | 25×45 | 3.01 | 30×35 | 3.13 | 35×30 | 3.05 |       |      |       |      | 30×45 | 3.88 | 35×35 | 3.85 |
| 33000        |       |      | 25×50 | 3.43 | 30×40 | 3.53 | 35×35 | 3.49 |       |      |       |      | 30×50 | 4.33 | 35×40 | 4.33 |
| 39000        |       |      |       |      | 30×45 | 3.78 | 35×40 | 3.96 |       |      |       |      |       |      | 35×45 | 4.96 |
| 47000        |       |      |       |      | 30×50 | 4.58 | 35×45 | 4.60 |       |      |       |      |       |      | 35×50 | 5.49 |
| 56000        |       |      |       |      |       |      | 35×50 | 5.06 |       |      |       |      |       |      |       |      |

| Cap.<br>(μF) | 25Vdc |      |       |      |       |      |       |      | 35Vdc |      |       |      |       |      |       |      |
|--------------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|
|              | φ 22  |      | φ 25  |      | φ 30  |      | φ 35  |      | φ 22  |      | φ 25  |      | φ 30  |      | φ 35  |      |
| 2700         |       |      |       |      |       |      |       |      | 22×25 | 1.29 |       |      |       |      |       |      |
| 3300         |       |      |       |      |       |      |       |      | 22×30 | 1.54 |       |      |       |      |       |      |
| 3900         | 22×25 | 1.31 |       |      |       |      |       |      | 22×35 | 1.77 | 25×25 | 1.55 |       |      |       |      |
| 4700         | 22×30 | 1.55 |       |      |       |      |       |      | 22×40 | 2.01 | 25×30 | 1.87 |       |      |       |      |
| 5600         | 22×35 | 1.77 | 25×25 | 1.56 |       |      |       |      | 22×45 | 2.25 | 25×35 | 2.18 | 30×25 | 1.80 |       |      |
| 6800         | 22×40 | 2.02 | 25×30 | 1.88 |       |      |       |      | 22×50 | 2.49 | 25×40 | 2.45 | 30×30 | 2.28 |       |      |
| 8200         | 22×45 | 2.27 | 25×35 | 2.18 | 30×25 | 1.92 |       |      |       |      | 25×45 | 2.80 | 30×35 | 2.69 |       |      |
| 10000        | 22×50 | 2.56 | 25×40 | 2.53 | 30×30 | 2.38 |       |      |       |      |       |      | 30×40 | 3.04 | 35×30 | 2.78 |
| 12000        |       |      | 25×45 | 2.79 | 30×35 | 2.70 | 35×30 | 2.76 |       |      |       |      | 30×45 | 3.38 | 35×35 | 3.30 |
| 15000        |       |      |       |      | 30×40 | 3.13 | 35×30 | 3.00 |       |      |       |      |       |      | 35×40 | 3.88 |
| 18000        |       |      |       |      | 30×45 | 3.52 | 35×35 | 3.50 |       |      |       |      |       |      | 35×45 | 4.40 |
| 22000        |       |      |       |      | 30×50 | 3.92 | 35×40 | 3.95 |       |      |       |      |       |      |       |      |
| 27000        |       |      |       |      |       |      | 35×50 | 4.72 |       |      |       |      |       |      |       |      |

ケースサイズ Case Size φ D×L(mm) →  
リプル電流 Ripple Current (A.r.m.s./120Hz,105°C) →

### ◆標準品一覧表／STANDARD SIZE

| Cap.<br>( $\mu$ F) | 50Vdc     |      |           |      |           |      |           |      | 63Vdc     |      |           |      |           |      |           |      |
|--------------------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|
|                    | $\phi$ 22 |      | $\phi$ 25 |      | $\phi$ 30 |      | $\phi$ 35 |      | $\phi$ 22 |      | $\phi$ 25 |      | $\phi$ 30 |      | $\phi$ 35 |      |
| 1000               |           |      |           |      |           |      |           |      | 22×25     | 1.10 |           |      |           |      |           |      |
| 1200               |           |      |           |      |           |      |           |      | 22×25     | 1.17 |           |      |           |      |           |      |
| 1500               | 22×25     | 1.21 |           |      |           |      |           |      | 22×30     | 1.41 | 25×25     | 1.38 |           |      |           |      |
| 1800               | 22×25     | 1.28 |           |      |           |      |           |      | 22×35     | 1.62 | 25×30     | 1.63 |           |      |           |      |
| 2200               | 22×30     | 1.52 | 25×25     | 1.46 |           |      |           |      | 22×40     | 1.85 | 25×30     | 1.75 | 30×25     | 1.66 |           |      |
| 2700               | 22×35     | 1.77 | 25×30     | 1.76 |           |      |           |      | 22×45     | 2.10 | 25×35     | 2.03 | 30×30     | 2.01 |           |      |
| 3300               | 22×40     | 2.02 | 25×30     | 1.87 | 30×25     | 1.72 |           |      |           |      | 25×40     | 2.33 | 30×30     | 2.15 |           |      |
| 3900               | 22×45     | 2.27 | 25×35     | 2.20 | 30×30     | 2.09 |           |      |           |      | 25×45     | 2.58 | 30×35     | 2.46 | 35×30     | 2.31 |
| 4700               |           |      | 25×40     | 2.43 | 30×30     | 2.22 |           |      |           |      |           |      | 30×40     | 2.82 | 35×35     | 2.77 |
| 5600               |           |      | 25×45     | 2.72 | 30×35     | 2.58 | 35×30     | 2.35 |           |      |           |      | 30×45     | 3.22 | 35×40     | 3.20 |
| 6800               |           |      |           |      | 30×40     | 3.01 | 35×35     | 2.91 |           |      |           |      |           |      | 35×45     | 3.61 |
| 8200               |           |      |           |      | 30×50     | 3.63 | 35×40     | 3.36 |           |      |           |      |           |      | 35×50     | 3.94 |
| 10000              |           |      |           |      |           |      | 35×45     | 3.79 |           |      |           |      |           |      |           |      |
| 12000              |           |      |           |      |           |      | 35×50     | 4.06 |           |      |           |      |           |      |           |      |

| Cap.<br>( $\mu$ F) | 80Vdc     |      |           |      |           |      |           |      | 100Vdc    |      |           |      |           |      |           |      |
|--------------------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|
|                    | $\phi$ 22 |      | $\phi$ 25 |      | $\phi$ 30 |      | $\phi$ 35 |      | $\phi$ 22 |      | $\phi$ 25 |      | $\phi$ 30 |      | $\phi$ 35 |      |
| 560                |           |      |           |      |           |      |           |      | 22×25     | 1.01 |           |      |           |      |           |      |
| 680                |           |      |           |      |           |      |           |      | 22×30     | 1.19 |           |      |           |      |           |      |
| 820                | 22×25     | 1.09 |           |      |           |      |           |      | 22×35     | 1.33 | 25×25     | 1.26 |           |      |           |      |
| 1000               | 22×30     | 1.29 |           |      |           |      |           |      | 22×40     | 1.56 | 25×30     | 1.52 | 30×25     | 1.47 |           |      |
| 1200               | 22×35     | 1.48 | 25×25     | 1.32 |           |      |           |      | 22×45     | 1.76 | 25×35     | 1.76 | 30×30     | 1.76 |           |      |
| 1500               | 22×40     | 1.70 | 25×30     | 1.74 | 30×25     | 1.58 |           |      | 22×50     | 2.00 | 25×40     | 2.03 | 30×30     | 1.89 |           |      |
| 1800               | 22×45     | 1.91 | 25×35     | 1.86 | 30×25     | 1.68 |           |      |           |      | 25×45     | 2.29 | 30×35     | 2.19 | 35×30     | 2.05 |
| 2200               |           |      | 25×45     | 2.22 | 30×30     | 2.02 |           |      |           |      |           |      | 30×40     | 2.52 | 35×35     | 2.48 |
| 2700               |           |      |           |      | 30×35     | 2.50 | 35×30     | 2.18 |           |      |           |      | 30×45     | 2.86 | 35×40     | 2.87 |
| 3300               |           |      |           |      | 30×40     | 2.69 | 35×35     | 2.60 |           |      |           |      |           |      | 35×45     | 3.25 |
| 3900               |           |      |           |      | 30×45     | 2.94 | 35×40     | 3.00 |           |      |           |      |           |      | 35×50     | 3.56 |
| 4700               |           |      |           |      |           |      | 35×45     | 3.44 |           |      |           |      |           |      |           |      |
| 5600               |           |      |           |      |           |      | 35×50     | 3.72 |           |      |           |      |           |      |           |      |

| Cap.<br>( $\mu$ F) | 200Vdc    |      |           |      |           |      |           |      | 220Vdc    |      |           |      |           |      |           |      |
|--------------------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|
|                    | $\phi$ 22 |      | $\phi$ 25 |      | $\phi$ 30 |      | $\phi$ 35 |      | $\phi$ 22 |      | $\phi$ 25 |      | $\phi$ 30 |      | $\phi$ 35 |      |
| 270                | 22×25     | 1.31 |           |      |           |      |           |      | 22×25     | 1.31 |           |      |           |      |           |      |
| 330                | 22×30     | 1.53 |           |      |           |      |           |      | 22×30     | 1.53 |           |      |           |      |           |      |
| 390                | 22×30     | 1.61 | 25×25     | 1.49 |           |      |           |      | 22×35     | 1.73 | 25×25     | 1.49 |           |      |           |      |
| 470                | 22×35     | 1.84 | 25×30     | 1.75 |           |      |           |      | 22×40     | 1.96 | 25×30     | 1.73 |           |      |           |      |
| 560                | 22×40     | 2.07 | 25×30     | 1.81 |           |      |           |      | 22×45     | 2.18 | 25×35     | 1.97 | 30×25     | 1.60 |           |      |
| 680                | 22×45     | 2.32 | 25×35     | 2.07 | 30×25     | 1.67 |           |      | 22×50     | 2.43 | 25×40     | 2.23 | 30×30     | 1.89 | 35×25     | 1.58 |
| 820                | 22×50     | 2.58 | 25×40     | 2.33 | 30×30     | 1.95 | 35×25     | 1.65 | 22×60     | 2.80 | 25×45     | 2.48 | 30×35     | 2.17 | 35×30     | 1.91 |
| 1000               |           |      | 25×45     | 2.62 | 30×35     | 2.23 | 35×30     | 1.94 |           |      | 25×50     | 2.77 | 30×40     | 2.43 | 35×35     | 2.21 |
| 1200               |           |      |           |      | 30×40     | 2.50 | 35×35     | 2.24 |           |      | 25×60     | 3.16 | 30×45     | 2.68 | 35×40     | 2.48 |
| 1500               |           |      |           |      | 30×45     | 2.82 | 35×40     | 2.56 |           |      |           |      | 30×50     | 3.01 | 35×40     | 2.50 |
| 1800               |           |      |           |      |           |      | 35×45     | 2.85 |           |      |           |      | 30×60     | 3.48 | 35×50     | 3.04 |
| 2200               |           |      |           |      |           |      | 35×50     | 3.14 |           |      |           |      |           |      | 35×60     | 3.40 |

ケースサイズ Case Size  $\phi$  D × L(mm)   
 リプル電流 Ripple Current (A.r.m.s./120Hz,105°C)

### ◆標準品一覧表／STANDARD SIZE

| Cap.<br>( $\mu$ F) | 250Vdc    |      |           |      |           |      |           |      | 400Vdc    |      |           |      |           |      |           |      |
|--------------------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|
|                    | $\phi$ 22 |      | $\phi$ 25 |      | $\phi$ 30 |      | $\phi$ 35 |      | $\phi$ 22 |      | $\phi$ 25 |      | $\phi$ 30 |      | $\phi$ 35 |      |
| 82                 |           |      |           |      |           |      |           |      | 22×25     | 0.77 |           |      |           |      |           |      |
| 100                |           |      |           |      |           |      |           |      | 22×30     | 0.89 |           |      |           |      |           |      |
| 120                |           |      |           |      |           |      |           |      | 22×30     | 0.96 | 25×25     | 0.95 |           |      |           |      |
| 150                |           |      |           |      |           |      |           |      | 22×35     | 1.11 | 25×30     | 1.11 |           |      |           |      |
| 180                |           |      |           |      |           |      |           |      | 22×40     | 1.25 | 25×35     | 1.26 | 30×25     | 1.16 |           |      |
| 220                | 22×25     | 1.22 |           |      |           |      |           |      | 22×50     | 1.47 | 25×35     | 1.35 | 30×30     | 1.35 | 35×25     | 1.26 |
| 270                | 22×30     | 1.43 |           |      |           |      |           |      | 22×55     | 1.65 | 25×45     | 1.61 | 30×35     | 1.54 | 35×30     | 1.48 |
| 330                | 22×35     | 1.64 | 25×25     | 1.39 |           |      |           |      |           |      | 25×50     | 1.80 | 30×40     | 1.74 | 35×30     | 1.54 |
| 390                | 22×40     | 1.84 | 25×30     | 1.65 |           |      |           |      |           |      | 25×55     | 1.99 | 30×45     | 1.93 | 35×35     | 1.74 |
| 470                | 22×45     | 2.06 | 25×35     | 1.88 | 30×25     | 1.55 |           |      |           |      |           |      | 30×50     | 2.14 | 35×40     | 1.95 |
| 560                | 22×50     | 2.29 | 25×40     | 2.11 | 30×30     | 1.84 | 35×25     | 1.56 |           |      |           |      | 30×60     | 2.44 | 35×45     | 2.19 |
| 680                | 22×55     | 2.54 | 25×45     | 2.36 | 30×35     | 2.11 | 35×30     | 1.80 |           |      |           |      |           |      | 35×50     | 2.40 |
| 820                |           |      | 25×50     | 2.61 | 30×40     | 2.36 | 35×30     | 1.81 |           |      |           |      |           |      | 35×60     | 2.77 |
| 1000               |           |      | 25×60     | 3.02 | 30×45     | 2.63 | 35×35     | 2.38 |           |      |           |      |           |      |           |      |
| 1200               |           |      |           |      | 30×50     | 2.85 | 35×40     | 2.41 |           |      |           |      |           |      |           |      |
| 1500               |           |      |           |      | 30×60     | 3.31 | 35×50     | 2.92 |           |      |           |      |           |      |           |      |
| 1800               |           |      |           |      |           |      | 35×55     | 3.12 |           |      |           |      |           |      |           |      |

| Cap.<br>( $\mu$ F) | 420Vdc    |      |           |      |           |      |           |      | 450Vdc    |      |           |      |           |      |           |      |
|--------------------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|
|                    | $\phi$ 22 |      | $\phi$ 25 |      | $\phi$ 30 |      | $\phi$ 35 |      | $\phi$ 22 |      | $\phi$ 25 |      | $\phi$ 30 |      | $\phi$ 35 |      |
| 82                 | 22×25     | 0.75 |           |      |           |      |           |      | 22×25     | 0.76 |           |      |           |      |           |      |
| 100                | 22×30     | 0.87 |           |      |           |      |           |      | 22×30     | 0.88 | 25×25     | 0.86 |           |      |           |      |
| 120                | 22×35     | 0.99 | 25×25     | 0.93 |           |      |           |      | 22×35     | 1.00 | 25×30     | 0.99 |           |      |           |      |
| 150                | 22×40     | 1.14 | 25×30     | 1.08 |           |      |           |      | 22×40     | 1.14 | 25×30     | 1.09 | 30×25     | 1.08 |           |      |
| 180                | 22×45     | 1.28 | 25×35     | 1.23 | 30×25     | 1.14 |           |      | 22×45     | 1.29 | 25×35     | 1.23 | 30×30     | 1.24 |           |      |
| 220                | 22×50     | 1.44 | 25×40     | 1.39 | 30×30     | 1.32 | 35×25     | 1.24 | 22×55     | 1.49 | 25×40     | 1.40 | 30×30     | 1.32 | 35×25     | 1.23 |
| 270                | 22×60     | 1.66 | 25×45     | 1.57 | 30×35     | 1.51 | 35×30     | 1.45 |           |      | 25×50     | 1.64 | 30×35     | 1.51 | 35×30     | 1.45 |
| 330                |           |      | 25×50     | 1.77 | 30×40     | 1.71 | 35×35     | 1.66 |           |      |           |      | 30×45     | 1.80 | 35×35     | 1.65 |
| 390                |           |      | 25×60     | 2.01 | 30×45     | 1.89 | 35×40     | 1.86 |           |      |           |      | 30×50     | 1.98 | 35×40     | 1.85 |
| 470                |           |      |           |      | 30×50     | 2.09 | 35×40     | 1.93 |           |      |           |      | 30×55     | 2.19 | 35×45     | 2.05 |
| 560                |           |      |           |      | 30×60     | 2.39 | 35×50     | 2.27 |           |      |           |      |           |      | 35×50     | 2.26 |
| 680                |           |      |           |      |           |      | 35×55     | 2.48 |           |      |           |      |           |      | 35×55     | 2.49 |
| 820                |           |      |           |      |           |      | 35×60     | 2.69 |           |      |           |      |           |      |           |      |

| Cap.<br>( $\mu$ F) | 475Vdc    |      |           |      |           |      |           |      | 500Vdc    |      |           |      |           |      |           |      |
|--------------------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|
|                    | $\phi$ 22 |      | $\phi$ 25 |      | $\phi$ 30 |      | $\phi$ 35 |      | $\phi$ 22 |      | $\phi$ 25 |      | $\phi$ 30 |      | $\phi$ 35 |      |
| 47                 |           |      |           |      |           |      |           |      | 22×25     | 0.58 |           |      |           |      |           |      |
| 56                 | 22×25     | 0.62 |           |      |           |      |           |      | 22×30     | 0.66 |           |      |           |      |           |      |
| 68                 | 22×30     | 0.71 |           |      |           |      |           |      | 22×30     | 0.73 | 25×25     | 0.72 |           |      |           |      |
| 82                 | 22×30     | 0.77 | 25×25     | 0.77 |           |      |           |      | 22×35     | 0.83 | 25×30     | 0.83 | 30×25     | 0.83 |           |      |
| 100                | 22×35     | 0.89 | 25×30     | 0.88 |           |      |           |      | 22×40     | 0.94 | 25×35     | 0.94 | 30×25     | 0.91 |           |      |
| 120                | 22×40     | 1.00 | 25×30     | 0.96 | 30×25     | 0.96 |           |      | 22×50     | 1.08 | 25×35     | 1.02 | 30×30     | 1.04 | 35×25     | 1.01 |
| 150                | 22×45     | 1.15 | 25×35     | 1.11 | 30×30     | 1.12 |           |      | 22×55     | 1.24 | 25×45     | 1.21 | 30×35     | 1.19 | 35×30     | 1.18 |
| 180                | 22×55     | 1.32 | 25×40     | 1.25 | 30×30     | 1.20 | 35×25     | 1.14 | 22×60     | 1.38 | 25×50     | 1.36 | 30×40     | 1.34 | 35×30     | 1.25 |
| 220                |           |      | 25×50     | 1.45 | 30×35     | 1.36 | 35×30     | 1.33 |           |      | 25×55     | 1.52 | 30×45     | 1.51 | 35×40     | 1.51 |
| 270                |           |      | 25×60     | 1.68 | 30×40     | 1.55 | 35×35     | 1.52 |           |      |           |      | 30×50     | 1.69 | 35×40     | 1.62 |
| 330                |           |      |           |      | 30×55     | 1.89 | 35×40     | 1.71 |           |      |           |      | 30×55     | 1.89 | 35×45     | 1.81 |
| 390                |           |      |           |      |           |      | 35×50     | 1.99 |           |      |           |      |           |      | 35×55     | 2.08 |
| 470                |           |      |           |      |           |      | 35×60     | 2.28 |           |      |           |      |           |      | 35×60     | 2.28 |

ケースサイズ Case Size  $\phi$  D×L(mm)

リプル電流 Ripple Current (A.r.m.s./120Hz,105°C)