

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 Category Temperature Range | -40~+105°C | -25~+105°C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 定格電圧範囲 Rated Voltage Range | 10~100Vdc | 200~500Vdc | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 静電容量許容差 Capacitance Tolerance | ±20% (20°C, 120Hz) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 漏れ電流 Leakage Current (MAX) | $I=3\sqrt{CV}$ (定格電圧印加5分後) $I=3\sqrt{CV}$ (After 5 minutes application of rated voltage) I=漏れ電流 (μA) C=静電容量 (μF) V=定格電圧 (Vdc) Leakage Current Capacitance Rated Voltage | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 損失角の正接 (tan δ) Dissipation Factor (MAX) | <table border="1"> <thead> <tr> <th>定格電圧 (Vdc) Rated Voltage</th> <th>10</th> <th>16</th> <th>25</th> <th>35</th> <th>50</th> <th>63</th> <th>80</th> <th>100</th> <th>200~ 250</th> <th>400~ 450</th> <th>475~ 500</th> <th>(20°C, 120Hz)</th> </tr> </thead> <tbody> <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> <td></td> </tr> </tbody> </table> | | | | | | | | | | | 定格電圧 (Vdc) Rated Voltage | 10 | 16 | 25 | 35 | 50 | 63 | 80 | 100 | 200~ 250 | 400~ 450 | 475~ 500 | (20°C, 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) Rated Voltage | 10 | 16 | 25 | 35 | 50 | 63 | 80 | 100 | 200~ 250 | 400~ 450 | 475~ 500 | (20°C, 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 Endurance | 105°C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。 After applying rated voltage with rated ripple current for 5000 hours at 105°C, the capacitors shall meet the following requirements. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | <table border="1"> <tr> <td>静電容量変化率 Capacitance Change</td> <td>初期値の ±20% (10WVは±25%)以内 Within ±20% (For 10WV ; ±25%) of the initial value.</td> </tr> <tr> <td>損失角の正接 Dissipation Factor</td> <td>規格値の 200% 以下 Not more than 200% of the specified value.</td> </tr> <tr> <td>漏れ電流 Leakage Current</td> <td>規格値以下 Not more than the specified value.</td> </tr> </table> | | 静電容量変化率 Capacitance Change | 初期値の ±20% (10WVは±25%)以内 Within ±20% (For 10WV ; ±25%) of the initial value. | 損失角の正接 Dissipation Factor | 規格値の 200% 以下 Not more than 200% of the specified value. | 漏れ電流 Leakage Current | 規格値以下 Not more than the specified value. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 静電容量変化率 Capacitance Change | 初期値の ±20% (10WVは±25%)以内 Within ±20% (For 10WV ; ±25%) of the initial value. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 損失角の正接 Dissipation Factor | 規格値の 200% 以下 Not more than 200% of the specified value. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 漏れ電流 Leakage Current | 規格値以下 Not more than the specified value. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 低温特性 Low Temperature Stability (インピーダンス比) Impedance Ratio (MAX) | <table border="1"> <thead> <tr> <th>定格電圧 (Vdc) Rated Voltage</th> <th>10~ 100</th> <th>200~ 250</th> <th>400~ 450</th> <th>475~ 500</th> <th>(120Hz)</th> </tr> </thead> <tbody> <tr> <td>Z(-25°C)/Z(+20°C)</td> <td>3</td> <td>3</td> <td>8</td> <td>10</td> <td></td> </tr> <tr> <td>Z(-40°C)/Z(+20°C)</td> <td>12</td> <td>—</td> <td>—</td> <td>—</td> <td></td> </tr> </tbody> </table> | | | | | | | | | | | 定格電圧 (Vdc) Rated Voltage | 10~ 100 | 200~ 250 | 400~ 450 | 475~ 500 | (120Hz) | Z(-25°C)/Z(+20°C) | 3 | 3 | 8 | 10 | | Z(-40°C)/Z(+20°C) | 12 | — | — | — | | | | | | | | | |
| 定格電圧 (Vdc) Rated Voltage | 10~ 100 | 200~ 250 | 400~ 450 | 475~ 500 | (120Hz) | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Z(-25°C)/Z(+20°C) | 3 | 3 | 8 | 10 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Z(-40°C)/Z(+20°C) | 12 | — | — | — | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

◆呼称方法 / PART NUMBER

VXG M SN D x L
 定格電圧 シリーズ名 静電容量 静電容量許容差 副記号 端子記号 ケースサイズ
 Rated Voltage Series Capacitance Capacitance Tolerance Option Terminal Code Case Size

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

| 周波数 (Hz) Frequency | 60 (50) | 120 (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 |

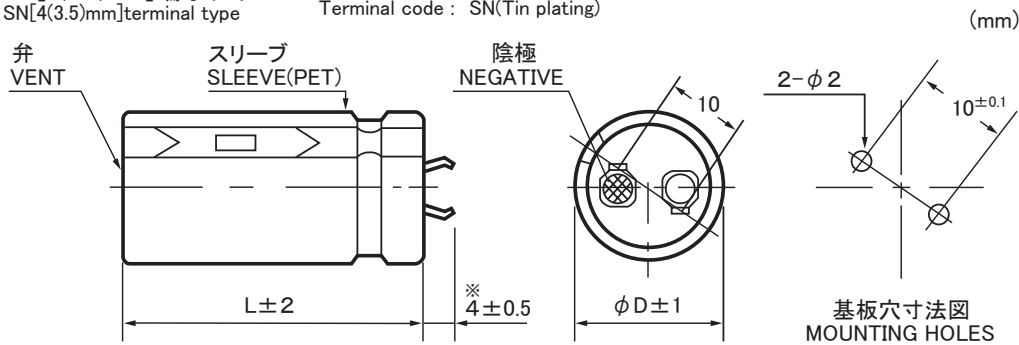
◆副記号 / OPTION

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
SN[4(3.5)mm]terminal type

端子記号 : SN(錫メッキ)
Terminal code : SN(Tin plating)



◆標準品一覧表/STANDARD SIZE

| Cap. (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. (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 φD×L(mm) → ↑
リップル電流 Ripple Current (A.r.m.s./120Hz,105°C) → ↑

◆標準品一覧表 / STANDARD SIZE

| Cap. (μ F) | 50Vdc | | | | | | | | 63Vdc | | | | | | | |
|--------------------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|
| | ϕ 22 | | ϕ 25 | | ϕ 30 | | ϕ 35 | | ϕ 22 | | ϕ 25 | | ϕ 30 | | ϕ 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. (μ F) | 80Vdc | | | | | | | | 100Vdc | | | | | | | |
|--------------------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|
| | ϕ 22 | | ϕ 25 | | ϕ 30 | | ϕ 35 | | ϕ 22 | | ϕ 25 | | ϕ 30 | | ϕ 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. (μ F) | 200Vdc | | | | | | | | 220Vdc | | | | | | | |
|--------------------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|
| | ϕ 22 | | ϕ 25 | | ϕ 30 | | ϕ 35 | | ϕ 22 | | ϕ 25 | | ϕ 30 | | ϕ 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 ϕ D × L (mm) \longrightarrow ↑
 リプル電流 Ripple Current (A.r.m.s./120Hz, 105°C) \longrightarrow ↑

◆標準品一覧表 / STANDARD SIZE

| Cap. (μ F) | 250Vdc | | | | | | | | 400Vdc | | | | | | | |
|--------------------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|
| | ϕ 22 | | ϕ 25 | | ϕ 30 | | ϕ 35 | | ϕ 22 | | ϕ 25 | | ϕ 30 | | ϕ 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. (μ F) | 420Vdc | | | | | | | | 450Vdc | | | | | | | |
|--------------------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|
| | ϕ 22 | | ϕ 25 | | ϕ 30 | | ϕ 35 | | ϕ 22 | | ϕ 25 | | ϕ 30 | | ϕ 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. (μ F) | 475Vdc | | | | | | | | 500Vdc | | | | | | | |
|--------------------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|-----------|------|
| | ϕ 22 | | ϕ 25 | | ϕ 30 | | ϕ 35 | | ϕ 22 | | ϕ 25 | | ϕ 30 | | ϕ 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 ϕ D × L (mm) \rightarrow
リップル電流 Ripple Current (A.r.m.s./120Hz, 105°C) \rightarrow