

SMG シリーズ

標準品 耐洗淨 RoHS指令
適合品
~ 250Vdc

- 85°C 2,000 時間保証。
- 315 ~ 450Vdc は基板洗淨タイプではありませんのでご注意ください。

SMQ
↑ 小形化
SMG

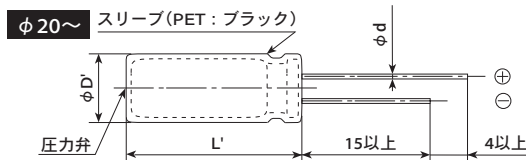
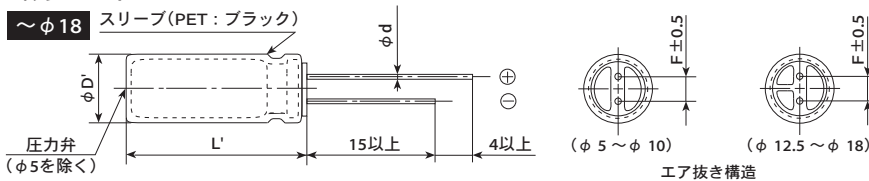


◆規格表

| 項目 | 性能 | | | | | | | | | | | | |
|--------------------------------|---|---|------|------|------|------|--------------|------|------|----------|----------|------|------|
| カテゴリ温度範囲 | -40~+85°C (6.3~400Vdc) -25~+85°C (450Vdc) | | | | | | | | | | | | |
| 定格電圧範囲 | 6.3~450Vdc | | | | | | | | | | | | |
| 静電容量許容差 | ±20% (M) (20°C, 120Hz) | | | | | | | | | | | | |
| 漏れ電流 | 定格電圧 | 6.3~100Vdc | | | | | | | | | | | |
| | φ18以下 | I=0.03CVまたは4μAのうちいずれか大なる値以下 | | | | | | | | | | | |
| | | 160~450Vdc | | | | | | | | | | | |
| | | CV \ 時間 | | | | | | | | | | | |
| | | 1分値 | | | | | | | | | | | |
| | | 5分値 | | | | | | | | | | | |
| | | CV ≤ 1,000 I=0.1CV+40以下 I=0.03CV+15以下 | | | | | | | | | | | |
| | | CV > 1,000 I=0.04CV+100以下 I=0.02CV+25以下 | | | | | | | | | | | |
| | | (20°C) | | | | | | | | | | | |
| | φ20以上 | I=0.03CV以下 (20°C, 3分値) | | | | | | | | | | | |
| | I: 漏れ電流(μA), C: 静電容量(μF), V: 定格電圧(Vdc) | | | | | | | | | | | | |
| 損失角の正接 (tan δ) | 定格電圧 (Vdc) | 6.3V | 10V | 16V | 25V | 35V | 50V | 63V | 100V | 160~250V | 315~400V | 450V | |
| | tan δ (Max.) | φ18以下 | 0.34 | 0.24 | 0.20 | 0.16 | 0.14 | 0.12 | 0.09 | 0.08 | 0.20 | 0.24 | 0.24 |
| | | φ20以上 | 0.28 | 0.24 | 0.20 | 0.16 | 0.14 | 0.12 | 0.09 | 0.08 | 0.15 | 0.15 | 0.20 |
| | 但し、1,000μFを超えるものについては、1,000μF増す毎に0.02加えた値とする (20°C, 120Hz) | | | | | | | | | | | | |
| 温度特性 (インピーダンス比) (右表の値以下) | 定格電圧 (Vdc) | 6.3V | 10V | 16V | 25V | 35V | 50V | 63V | 100V | 160~250V | 315~400V | 450V | |
| | Z(-25°C) / Z(+20°C) | φ18以下 | 5 | 4 | 3 | 2 | 2 | 2 | 2 | 2 | 3 | 6 | 6 |
| | φ20以上 | 5 | 4 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 4 | 6 | 6 |
| | Z(-40°C) / Z(+20°C) | φ18以下 | 12 | 10 | 8 | 5 | 4 | 3 | 3 | 3 | 4 | 6 | - |
| | (120Hz) | | | | | | | | | | | | |
| 耐久性 | 85°Cにおいて定格電圧を2,000時間印加後、20°Cに復帰させ測定を行なったとき、下記を満足すること | | | | | | | | | | | | |
| | 静電容量変化率 | 初期値の±20%以内 | | | | | | | | | | | |
| | 損失角の正接 | 初期規格値の200%以下 | | | | | | | | | | | |
| | 漏れ電流 | 初期規格値以下 | | | | | | | | | | | |
| 高温無負荷特性 | 85°Cにおいて電圧を印加せず1,000時間放置後、20°Cに復帰させ試験前処理(JIS C 5101-4 4.1項)の後、測定を行なったとき、下記を満足すること | | | | | | | | | | | | |
| | 定格電圧 (Vdc) | 6.3~100Vdc | | | | | 160~450Vdc | | | | | | |
| | 静電容量変化率 | 初期値の±20%以内 | | | | | 初期値の±20%以内 | | | | | | |
| | 損失角の正接 | 初期規格値の200%以下 | | | | | 初期規格値の200%以下 | | | | | | |
| | 漏れ電流 | 初期規格値以下 | | | | | 初期規格値の500%以下 | | | | | | |
| 許容洗淨条件 | テクニカルノート 6 項「基板洗淨について」をご参照下さい (尚、定格電圧315Vdc~450Vdcは洗淨対策品ではありません) | | | | | | | | | | | | |

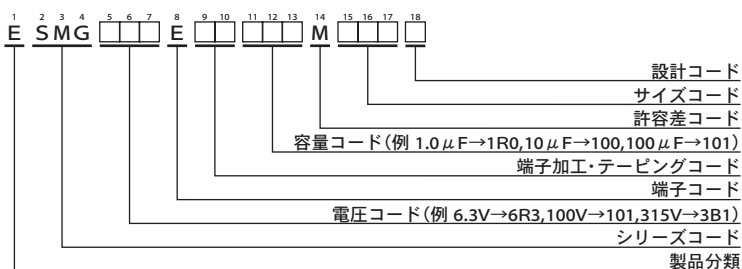
◆寸法図 (CE04 形) [mm]

●端子コード : E



| | | | | | | | | | |
|-----|----------|-----|-----|-----|------|-----|-----|---------|----------|
| φD | 5 | 6.3 | 8 | 10 | 12.5 | 16 | 18 | 20 | 22 |
| φd | 0.5 | 0.5 | 0.6 | 0.6 | 0.6 | 0.8 | 0.8 | 1.0 | 1.0 |
| F | 2.0 | 2.5 | 3.5 | 5.0 | 5.0 | 7.5 | 7.5 | 10.0 | 10.0 |
| φD' | φD+0.5以下 | | | | | | | | φD+0.5以下 |
| L' | L+1.5以下 | | | | | | | L+2.0以下 | |

◆品番体系



品番コードの詳細は「品番の表し方(リード形)」をご参照下さい。

◆標準品一覧表

| WV (Vdc) | Cap (μ F) | ケースサイズ ϕ D × L(mm) | tan δ | 定格リプル 電流 (mA rms/ 85℃, 120Hz) | | 品番 | WV (Vdc) | Cap (μ F) | ケースサイズ ϕ D × L(mm) | tan δ | 定格リプル 電流 (mA rms/ 85℃, 120Hz) | | 品番 |
|-------------|-------------------|----------------------------|--------------|--|--------------------|--------------------|-------------|-------------------|----------------------------|--------------|--|--------------------|--------------------|
| | | | | | | | | | | | | | |
| 6.3 | 220 | 5 × 11 | 0.34 | 200 | | ESMG6R3E□□221ME11D | 25 | 6,800 | 22 × 30 | 0.26 | 2,510 | ESMG250E□□682MP30S | |
| | 330 | 6.3 × 11 | 0.34 | 270 | | ESMG6R3E□□331MF11D | | 8,200 | 20 × 40 | 0.30 | 2,810 | ESMG250E□□822MN40S | |
| | 470 | 6.3 × 11 | 0.34 | 320 | | ESMG6R3E□□471MF11D | | 8,200 | 22 × 35 | 0.30 | 2,810 | ESMG250E□□822MP35S | |
| | 1,000 | 8 × 11.5 | 0.34 | 540 | | ESMG6R3E□□102MHB5D | | 10,000 | 22 × 40 | 0.34 | 3,240 | ESMG250E□□103MP40S | |
| | 2,200 | 10 × 20 | 0.36 | 1,000 | | ESMG6R3E□□222MJ20S | | 12,000 | 22 × 40 | 0.38 | 3,240 | ESMG250E□□123MP40S | |
| | 3,300 | 10 × 20 | 0.38 | 1,185 | | ESMG6R3E□□332MJ20S | | 35 | 47 | 5 × 11 | 0.14 | 130 | ESMG350E□□470ME11D |
| | 4,700 | 12.5 × 20 | 0.40 | 1,545 | | ESMG6R3E□□472MK20S | | | 100 | 6.3 × 11 | 0.14 | 210 | ESMG350E□□101MF11D |
| | 6,800 | 12.5 × 25 | 0.44 | 1,915 | | ESMG6R3E□□682MK25S | | | 220 | 8 × 11.5 | 0.14 | 385 | ESMG350E□□221MHB5D |
| | 10,000 | 16 × 25 | 0.52 | 2,330 | | ESMG6R3E□□103ML25S | | | 330 | 10 × 12.5 | 0.14 | 490 | ESMG350E□□331MJC5S |
| | 10,000 | 20 × 25 | 0.46 | 2,310 | | ESMG6R3E□□103MN25S | | | 470 | 10 × 16 | 0.14 | 645 | ESMG350E□□471MJ16S |
| | 15,000 | 16 × 35.5 | 0.62 | 2,845 | | ESMG6R3E□□153MLP1S | | | 1,000 | 12.5 × 20 | 0.14 | 1,145 | ESMG350E□□102MK20S |
| | 15,000 | 20 × 30 | 0.56 | 2,660 | | ESMG6R3E□□153MN30S | | | 2,200 | 16 × 25 | 0.16 | 1,785 | ESMG350E□□222ML25S |
| | 18,000 | 20 × 35 | 0.62 | 2,890 | | ESMG6R3E□□183MN35S | | | 2,200 | 20 × 20 | 0.16 | 1,670 | ESMG350E□□222MN20S |
| | 18,000 | 22 × 30 | 0.62 | 2,860 | | ESMG6R3E□□183MP30S | | | 3,300 | 16 × 35.5 | 0.18 | 2,275 | ESMG350E□□332MLP1S |
| | 22,000 | 18 × 40 | 0.76 | 3,320 | | ESMG6R3E□□223MM40S | | | 3,300 | 20 × 25 | 0.18 | 2,050 | ESMG350E□□332MN25S |
| | 22,000 | 20 × 40 | 0.70 | 3,130 | | ESMG6R3E□□223MN40S | | | 3,900 | 20 × 30 | 0.18 | 2,310 | ESMG350E□□392MN30S |
| 22,000 | 22 × 35 | 0.70 | 3,130 | | ESMG6R3E□□223MP35S | 4,700 | 18 × 35.5 | | 0.20 | 2,700 | ESMG350E□□472MMP1S | | |
| 27,000 | 22 × 40 | 0.80 | 3,280 | | ESMG6R3E□□273MP40S | 4,700 | 20 × 35 | | 0.20 | 2,510 | ESMG350E□□472MN35S | | |
| 10 | 220 | 5 × 11 | 0.24 | 240 | | ESMG100E□□221ME11D | 4,700 | | 22 × 30 | 0.20 | 2,380 | ESMG350E□□472MP30S | |
| | 330 | 6.3 × 11 | 0.24 | 290 | | ESMG100E□□331MF11D | 5,600 | | 20 × 40 | 0.22 | 2,690 | ESMG350E□□562MN40S | |
| | 470 | 6.3 × 11 | 0.24 | 350 | | ESMG100E□□471MF11D | 5,600 | | 22 × 35 | 0.22 | 2,690 | ESMG350E□□562MP35S | |
| | 1,000 | 10 × 12.5 | 0.24 | 650 | | ESMG100E□□102MJC5S | 6,800 | 22 × 40 | 0.24 | 3,090 | ESMG350E□□682MP40S | | |
| | 2,200 | 10 × 20 | 0.26 | 1,070 | | ESMG100E□□222MJ20S | 50 | 1.0 | 5 × 11 | 0.12 | 17 | ESMG500E□□1R0ME11D | |
| | 3,300 | 12.5 × 20 | 0.28 | 1,420 | | ESMG100E□□332MK20S | | 2.2 | 5 × 11 | 0.12 | 28 | ESMG500E□□2R2ME11D | |
| | 4,700 | 12.5 × 25 | 0.30 | 1,780 | | ESMG100E□□472MK25S | | 3.3 | 5 × 11 | 0.12 | 35 | ESMG500E□□3R3ME11D | |
| | 6,800 | 16 × 25 | 0.34 | 2,220 | | ESMG100E□□682ML25S | | 4.7 | 5 × 11 | 0.12 | 41 | ESMG500E□□470MF11D | |
| | 6,800 | 20 × 20 | 0.34 | 2,080 | | ESMG100E□□682MN20S | | 10 | 5 × 11 | 0.12 | 60 | ESMG500E□□100ME11D | |
| | 10,000 | 16 × 35.5 | 0.42 | 2,670 | | ESMG100E□□103MLP1S | | 22 | 5 × 11 | 0.12 | 95 | ESMG500E□□220ME11D | |
| | 10,000 | 20 × 25 | 0.42 | 2,410 | | ESMG100E□□103MN25S | | 33 | 5 × 11 | 0.12 | 125 | ESMG500E□□330ME11D | |
| | 12,000 | 20 × 30 | 0.46 | 2,620 | | ESMG100E□□123MN30S | | 47 | 6.3 × 11 | 0.12 | 155 | ESMG500E□□470MF11D | |
| | 15,000 | 18 × 35.5 | 0.52 | 3,080 | | ESMG100E□□153MMP1S | | 100 | 8 × 11.5 | 0.12 | 260 | ESMG500E□□101MHB5D | |
| | 15,000 | 20 × 35 | 0.52 | 2,870 | | ESMG100E□□153MN35S | | 220 | 10 × 12.5 | 0.12 | 430 | ESMG500E□□221MJC5S | |
| | 15,000 | 22 × 30 | 0.52 | 2,660 | | ESMG100E□□153MP30S | | 330 | 10 × 16 | 0.12 | 585 | ESMG500E□□331MJ16S | |
| | 18,000 | 22 × 35 | 0.58 | 3,050 | | ESMG100E□□183MP35S | | 470 | 10 × 20 | 0.12 | 755 | ESMG500E□□471MJ20S | |
| 22,000 | 22 × 40 | 0.66 | 3,480 | | ESMG100E□□223MP40S | 1,000 | | 12.5 × 25 | 0.12 | 1,340 | ESMG500E□□102MK25S | | |
| 16 | 100 | 5 × 11 | 0.20 | 160 | | ESMG160E□□101ME11D | | 1,500 | 20 × 20 | 0.12 | 1,570 | ESMG500E□□152MN20S | |
| | 220 | 6.3 × 11 | 0.20 | 260 | | ESMG160E□□221MF11D | | 2,200 | 16 × 35.5 | 0.14 | 2,075 | ESMG500E□□222MLP1S | |
| | 330 | 8 × 11.5 | 0.20 | 370 | | ESMG160E□□331MHB5D | | 2,200 | 20 × 25 | 0.14 | 1,880 | ESMG500E□□222MN25S | |
| | 470 | 8 × 11.5 | 0.20 | 440 | | ESMG160E□□471MHB5D | 2,700 | 20 × 30 | 0.14 | 2,150 | ESMG500E□□272MN30S | | |
| | 1,000 | 10 × 16 | 0.20 | 785 | | ESMG160E□□102MJ16S | 3,300 | 18 × 35.5 | 0.16 | 2,500 | ESMG500E□□332MMP1S | | |
| | 2,200 | 12.5 × 20 | 0.22 | 1,295 | | ESMG160E□□222MK20S | 3,300 | 20 × 35 | 0.16 | 2,420 | ESMG500E□□332MN35S | | |
| | 3,300 | 12.5 × 25 | 0.24 | 1,655 | | ESMG160E□□332MK25S | 3,300 | 22 × 30 | 0.16 | 2,420 | ESMG500E□□332MP30S | | |
| | 4,700 | 16 × 25 | 0.26 | 2,090 | | ESMG160E□□472ML25S | 3,900 | 20 × 40 | 0.16 | 2,590 | ESMG500E□□392MN40S | | |
| | 4,700 | 20 × 20 | 0.26 | 1,960 | | ESMG160E□□472MN20S | 3,900 | 22 × 35 | 0.16 | 2,590 | ESMG500E□□392MP35S | | |
| | 6,800 | 16 × 31.5 | 0.30 | 2,520 | | ESMG160E□□682MLN3S | 4,700 | 22 × 40 | 0.18 | 2,960 | ESMG500E□□472MP40S | | |
| | 6,800 | 20 × 25 | 0.30 | 2,330 | | ESMG160E□□682MN25S | 63 | 10 | 5 × 11 | 0.09 | 65 | ESMG630E□□100ME11D | |
| | 8,200 | 20 × 30 | 0.34 | 2,500 | | ESMG160E□□822MN30S | | 22 | 5 × 11 | 0.09 | 100 | ESMG630E□□220ME11D | |
| | 10,000 | 18 × 35.5 | 0.38 | 2,920 | | ESMG160E□□103MMP1S | | 33 | 6.3 × 11 | 0.09 | 140 | ESMG630E□□330MF11D | |
| | 10,000 | 20 × 35 | 0.38 | 2,720 | | ESMG160E□□103MN35S | | 47 | 6.3 × 11 | 0.09 | 170 | ESMG630E□□470MF11D | |
| | 10,000 | 22 × 30 | 0.38 | 2,660 | | ESMG160E□□103MP30S | | 100 | 10 × 12.5 | 0.09 | 300 | ESMG630E□□101MJC5S | |
| | 12,000 | 20 × 40 | 0.42 | 2,900 | | ESMG160E□□123MN40S | | 220 | 10 × 16 | 0.09 | 490 | ESMG630E□□221MJ16S | |
| 12,000 | 22 × 35 | 0.42 | 2,900 | | ESMG160E□□123MP35S | 330 | | 10 × 20 | 0.09 | 710 | ESMG630E□□331MJ20S | | |
| 15,000 | 22 × 40 | 0.48 | 3,380 | | ESMG160E□□153MP40S | 470 | | 12.5 × 20 | 0.09 | 900 | ESMG630E□□471MK20S | | |
| 25 | 47 | 5 × 11 | 0.16 | 115 | | ESMG250E□□470ME11D | | 820 | 20 × 20 | 0.09 | 1,370 | ESMG630E□□821MN20S | |
| | 100 | 6.3 × 11 | 0.16 | 190 | | ESMG250E□□101MF11D | | 1,000 | 16 × 25 | 0.09 | 1,300 | ESMG630E□□102ML25S | |
| | 220 | 8 × 11.5 | 0.16 | 330 | | ESMG250E□□221MHB5D | | 1,000 | 20 × 25 | 0.09 | 1,600 | ESMG630E□□102MN25S | |
| | 330 | 8 × 11.5 | 0.16 | 440 | | ESMG250E□□331MHB5D | | 1,500 | 20 × 30 | 0.09 | 1,850 | ESMG630E□□152MN30S | |
| | 470 | 10 × 12.5 | 0.16 | 545 | | ESMG250E□□471MJC5S | | 2,200 | 20 × 35 | 0.11 | 2,330 | ESMG630E□□222MN35S | |
| | 1,000 | 10 × 20 | 0.16 | 955 | | ESMG250E□□102MJ20S | | 2,200 | 22 × 30 | 0.11 | 2,190 | ESMG630E□□222MP30S | |
| | 2,200 | 12.5 × 25 | 0.18 | 1,540 | | ESMG250E□□222MK25S | | 2,700 | 20 × 40 | 0.11 | 2,640 | ESMG630E□□272MN40S | |
| | 3,300 | 16 × 25 | 0.20 | 1,975 | | ESMG250E□□332ML25S | | 3,300 | 22 × 40 | 0.13 | 2,810 | ESMG630E□□332MP40S | |
| | 3,300 | 20 × 20 | 0.20 | 1,850 | | ESMG250E□□332MN20S | 100 | 1.0 | 5 × 11 | 0.08 | 21 | ESMG101E□□1R0ME11D | |
| | 4,700 | 16 × 31.5 | 0.22 | 2,420 | | ESMG250E□□472MLN3S | | 2.2 | 5 × 11 | 0.08 | 30 | ESMG101E□□2R2ME11D | |
| | 4,700 | 20 × 25 | 0.22 | 2,420 | | ESMG250E□□472MN25S | | 3.3 | 5 × 11 | 0.08 | 40 | ESMG101E□□3R3ME11D | |
| | 5,600 | 20 × 30 | 0.24 | 2,430 | | ESMG250E□□562MN30S | | 4.7 | 5 × 11 | 0.08 | 45 | ESMG101E□□4R7ME11D | |
| | 6,800 | 18 × 35.5 | 0.26 | 2,880 | | ESMG250E□□682MMP1S | | 10 | 6.3 × 11 | 0.08 | 75 | ESMG101E□□100MF11D | |
| | 6,800 | 20 × 35 | 0.26 | 2,680 | | ESMG250E□□682MN35S | | 22 | 8 × 11.5 | 0.08 | 130 | ESMG101E□□220MHB5D | |

□□には端子加工・テーピングコードが入ります。

記載内容は予告なく変更する場合があります。ご購入、ご使用の際は当社の納入仕様書をご要求下さい。本カタログと納入仕様書の記載内容に基づいてご使用下さい。

◆標準品一覧表

□□内の製品(315~450Vdc)は基板洗浄できません。

| WV (Vdc) | Cap (μF) | ケースサイズ φD×L (mm) | tan δ | 定格リプル電流 (mA _{rms} /85°C,120Hz) | 品番 | WV (Vdc) | Cap (μF) | ケースサイズ φD×L (mm) | tan δ | 定格リプル電流 (mA _{rms} /85°C,120Hz) | 品番 | |
|----------|----------|------------------|-------|---|--------------------|----------|----------|------------------|--------|---|--------------------|--------------------|
| 100 | 33 | 8×11.5 | 0.08 | 180 | ESMG101E□□330MHB5D | 315 | 47 | 20×20 | 0.15 | 310 | ESMG3B1E□□470MN20S | |
| | 47 | 10×12.5 | 0.08 | 230 | ESMG101E□□470MJC5S | | 68 | 20×25 | 0.15 | 400 | ESMG3B1E□□680MN25S | |
| | 100 | 10×20 | 0.08 | 370 | ESMG101E□□101MJ20S | | 82 | 20×25 | 0.15 | 440 | ESMG3B1E□□820MN25S | |
| | 220 | 12.5×25 | 0.08 | 620 | ESMG101E□□221MK25S | | 100 | 20×30 | 0.15 | 500 | ESMG3B1E□□101MN30S | |
| | 330 | 12.5×25 | 0.08 | 760 | ESMG101E□□331MK25S | | 120 | 20×30 | 0.15 | 550 | ESMG3B1E□□121MN30S | |
| | 330 | 20×20 | 0.08 | 870 | ESMG101E□□331MN20S | | 180 | 20×40 | 0.15 | 720 | ESMG3B1E□□181MN40S | |
| | 470 | 16×25 | 0.08 | 1,000 | ESMG101E□□471ML25S | | 180 | 22×35 | 0.15 | 720 | ESMG3B1E□□181MP35S | |
| | 680 | 20×30 | 0.08 | 1,360 | ESMG101E□□681MN30S | | 220 | 22×40 | 0.15 | 810 | ESMG3B1E□□221MP40S | |
| | 820 | 22×30 | 0.08 | 1,540 | ESMG101E□□821MP30S | | 350 | 1.0 | 6.3×11 | 0.24 | 22 | ESMG351E□□1R0MF11D |
| | 1,000 | 18×40 | 0.08 | 1,380 | ESMG101E□□102MM40S | | | 2.2 | 8×11.5 | 0.24 | 38 | ESMG351E□□2R2MHB5D |
| | 1,000 | 20×35 | 0.08 | 1,720 | ESMG101E□□102MN35S | | | 3.3 | 8×11.5 | 0.24 | 46 | ESMG351E□□3R3MHB5D |
| 1,200 | 22×40 | 0.08 | 1,980 | ESMG101E□□122MP40S | 4.7 | 10×12.5 | | 0.24 | 65 | ESMG351E□□4R7MJC5S | | |
| 160 | 3.3 | 6.3×11 | 0.20 | 40 | ESMG161E□□3R3MF11D | 10 | | 10×20 | 0.24 | 115 | ESMG351E□□100MJ20S | |
| | 4.7 | 6.3×11 | 0.20 | 48 | ESMG161E□□4R7MF11D | 22 | | 12.5×20 | 0.24 | 185 | ESMG351E□□220MK20S | |
| | 10 | 10×12.5 | 0.20 | 94 | ESMG161E□□100MJC5S | 33 | | 16×25 | 0.24 | 275 | ESMG351E□□330ML25S | |
| | 22 | 10×20 | 0.20 | 170 | ESMG161E□□220MJ20S | 47 | | 16×25 | 0.24 | 325 | ESMG351E□□470ML25S | |
| | 33 | 10×20 | 0.20 | 205 | ESMG161E□□330MJ20S | 47 | | 20×20 | 0.15 | 310 | ESMG351E□□470MN20S | |
| | 47 | 12.5×20 | 0.20 | 270 | ESMG161E□□470MK20S | 68 | | 20×25 | 0.15 | 400 | ESMG351E□□680MN25S | |
| | 100 | 12.5×25 | 0.20 | 430 | ESMG161E□□101MK25S | 100 | | 18×31.5 | 0.24 | 530 | ESMG351E□□101MMN3S | |
| | 220 | 16×31.5 | 0.20 | 760 | ESMG161E□□221MLN3S | 100 | 20×30 | 0.15 | 500 | ESMG351E□□101MN30S | | |
| | 220 | 20×25 | 0.15 | 730 | ESMG161E□□221MN25S | 120 | 20×35 | 0.15 | 560 | ESMG351E□□121MN35S | | |
| | 330 | 18×35.5 | 0.20 | 995 | ESMG161E□□331MMP1S | 400 | 1.0 | 6.3×11 | 0.24 | 22 | ESMG401E□□1R0MF11D | |
| | 330 | 20×30 | 0.15 | 920 | ESMG161E□□331MN30S | | 2.2 | 8×11.5 | 0.24 | 38 | ESMG401E□□2R2MHB5D | |
| | 390 | 20×35 | 0.15 | 1,160 | ESMG161E□□391MN35S | | 3.3 | 10×12.5 | 0.24 | 54 | ESMG401E□□3R3MJC5S | |
| | 390 | 22×30 | 0.15 | 1,160 | ESMG161E□□391MP30S | | 4.7 | 10×16 | 0.24 | 71 | ESMG401E□□4R7MJ16S | |
| | 470 | 20×40 | 0.15 | 1,340 | ESMG161E□□471MN40S | | 10 | 10×20 | 0.24 | 115 | ESMG401E□□100MJ20S | |
| 470 | 22×35 | 0.15 | 1,340 | ESMG161E□□471MP35S | 22 | | 12.5×25 | 0.24 | 205 | ESMG401E□□220MK25S | | |
| 560 | 22×40 | 0.15 | 1,470 | ESMG161E□□561MP40S | 33 | | 16×25 | 0.24 | 275 | ESMG401E□□330ML25S | | |
| 200 | 3.3 | 6.3×11 | 0.20 | 40 | ESMG201E□□3R3MF11D | | 33 | 20×20 | 0.15 | 260 | ESMG401E□□330MN20S | |
| | 4.7 | 8×11.5 | 0.20 | 55 | ESMG201E□□4R7MHB5D | | 47 | 16×31.5 | 0.24 | 350 | ESMG401E□□470MLN3S | |
| | 10 | 10×12.5 | 0.20 | 94 | ESMG201E□□100MJC5S | | 56 | 20×25 | 0.15 | 350 | ESMG401E□□560MN25S | |
| | 22 | 10×20 | 0.20 | 170 | ESMG201E□□220MJ20S | | 68 | 20×30 | 0.15 | 420 | ESMG401E□□680MN30S | |
| | 33 | 10×20 | 0.20 | 205 | ESMG201E□□330MJ20S | 100 | 20×35 | 0.15 | 520 | ESMG401E□□101MN35S | | |
| | 47 | 12.5×20 | 0.20 | 270 | ESMG201E□□470MK20S | 100 | 22×30 | 0.15 | 520 | ESMG401E□□101MP30S | | |
| | 100 | 16×25 | 0.20 | 475 | ESMG201E□□101ML25S | 120 | 20×40 | 0.15 | 580 | ESMG401E□□121MN40S | | |
| | 100 | 20×20 | 0.15 | 460 | ESMG201E□□101MN20S | 120 | 22×35 | 0.15 | 580 | ESMG401E□□121MP35S | | |
| | 180 | 20×25 | 0.15 | 660 | ESMG201E□□181MN25S | 450 | 2.2 | 10×12.5 | 0.24 | 32 | ESMG451E□□2R2MJC5S | |
| | 220 | 18×35.5 | 0.20 | 810 | ESMG201E□□221MMP1S | | 3.3 | 10×16 | 0.24 | 44 | ESMG451E□□3R3MJ16S | |
| | 220 | 20×30 | 0.15 | 750 | ESMG201E□□221MN30S | | 4.7 | 10×20 | 0.24 | 56 | ESMG451E□□4R7MJ20S | |
| | 270 | 20×30 | 0.15 | 830 | ESMG201E□□271MN30S | | 10 | 12.5×20 | 0.24 | 91 | ESMG451E□□100MK20S | |
| | 330 | 20×35 | 0.15 | 1,070 | ESMG201E□□331MN35S | | 22 | 16×25 | 0.24 | 165 | ESMG451E□□220ML25S | |
| | 330 | 22×30 | 0.15 | 1,070 | ESMG201E□□331MP30S | | 22 | 20×20 | 0.20 | 180 | ESMG451E□□220MN20S | |
| | 390 | 20×40 | 0.15 | 1,190 | ESMG201E□□391MN40S | | 33 | 16×31.5 | 0.24 | 215 | ESMG451E□□330MLN3S | |
| | 390 | 22×30 | 0.15 | 1,160 | ESMG201E□□391MP30S | | 33 | 20×25 | 0.20 | 240 | ESMG451E□□330MN25S | |
| | 470 | 22×40 | 0.15 | 1,350 | ESMG201E□□471MP40S | | 47 | 16×35.5 | 0.24 | 265 | ESMG451E□□470MLP1S | |
| 560 | 22×40 | 0.15 | 1,430 | ESMG201E□□561MP40S | 47 | | 20×25 | 0.20 | 290 | ESMG451E□□470MN25S | | |
| 250 | 2.2 | 6.3×11 | 0.20 | 32 | ESMG251E□□2R2MF11D | | 56 | 20×30 | 0.20 | 320 | ESMG451E□□560MN30S | |
| | 3.3 | 8×11.5 | 0.20 | 46 | ESMG251E□□3R3MHB5D | 68 | 20×35 | 0.20 | 370 | ESMG451E□□680MN35S | | |
| | 4.7 | 8×11.5 | 0.20 | 55 | ESMG251E□□4R7MHB5D | 68 | 22×30 | 0.20 | 370 | ESMG451E□□680MP30S | | |
| | 10 | 10×16 | 0.20 | 105 | ESMG251E□□100MJ16S | 82 | 20×40 | 0.20 | 420 | ESMG451E□□820MN40S | | |
| | 22 | 10×20 | 0.20 | 170 | ESMG251E□□220MJ20S | 82 | 22×35 | 0.20 | 420 | ESMG451E□□820MP35S | | |
| | 33 | 12.5×20 | 0.20 | 230 | ESMG251E□□330MK20S | 100 | 22×40 | 0.20 | 470 | ESMG451E□□101MP40S | | |
| | 47 | 12.5×25 | 0.20 | 295 | ESMG251E□□470MK25S | | | | | | | |
| | 82 | 20×20 | 0.15 | 420 | ESMG251E□□820MN20S | | | | | | | |
| | 100 | 16×31.5 | 0.20 | 515 | ESMG251E□□101MLN3S | | | | | | | |
| | 100 | 20×25 | 0.15 | 490 | ESMG251E□□101MN25S | | | | | | | |
| | 120 | 20×25 | 0.15 | 530 | ESMG251E□□121MN25S | | | | | | | |
| | 180 | 20×30 | 0.15 | 680 | ESMG251E□□181MN30S | | | | | | | |
| | 220 | 18×40 | 0.20 | 825 | ESMG251E□□221MM40S | | | | | | | |
| | 220 | 20×35 | 0.15 | 780 | ESMG251E□□221MN35S | | | | | | | |
| | 220 | 22×30 | 0.15 | 820 | ESMG251E□□221MP30S | | | | | | | |
| | 270 | 20×40 | 0.15 | 880 | ESMG251E□□271MN40S | | | | | | | |
| | 270 | 22×35 | 0.15 | 880 | ESMG251E□□271MP35S | | | | | | | |
| | 330 | 22×40 | 0.15 | 1,060 | ESMG251E□□331MP40S | | | | | | | |

□□には端子加工・テーピングコードが入ります。

◆定格リプル電流周波数補正係数

リプル周波数が標準品一覧表の規定値と異なる場合は、下表の係数を乗じた値以下でご使用下さい。

●周波数補正係数

(～φ18)

| 静電容量 (μF) \ 周波数 (Hz) | 50 | 120 | 300 | 1k | 10k | 100k |
|----------------------|------|------|------|------|------|------|
| 1.0～4.7 | 0.65 | 1.00 | 1.35 | 1.75 | 2.30 | 2.50 |
| 10～47 | 0.75 | 1.00 | 1.25 | 1.50 | 1.75 | 1.80 |
| 100～1,000 | 0.80 | 1.00 | 1.15 | 1.30 | 1.40 | 1.50 |
| 2,200～ | 0.85 | 1.00 | 1.03 | 1.05 | 1.08 | 1.08 |

(φ20～)

| 定格電圧 (Vdc) \ 周波数 (Hz) | 50 | 120 | 300 | 1k | 10k | 100k |
|-----------------------|------|------|------|------|------|------|
| 6.3～50 | 0.95 | 1.00 | 1.03 | 1.05 | 1.08 | 1.08 |
| 63～100 | 0.92 | 1.00 | 1.07 | 1.13 | 1.19 | 1.20 |
| 160～250 | 0.81 | 1.00 | 1.17 | 1.32 | 1.45 | 1.50 |
| 315～450 | 0.77 | 1.00 | 1.16 | 1.30 | 1.41 | 1.43 |

※アルミ電解コンデンサの劣化はリプル電流重畳による自己発熱温度上昇により、5℃上昇するごとに2倍の寿命加速となります。

長寿命を期待する場合はリプル電流を低減してご使用下さい。