

KYB Series

- Low impedance, high ripple and long life from KYA series
- Newly innovative electrolyte is employed to minimize impedance
- Endurance with ripple current : 4,000 to 10,000 hours at 105°C
- Non solvent resistant type
- RoHS2 Compliant

KYB

↑ Lower Z
KYA

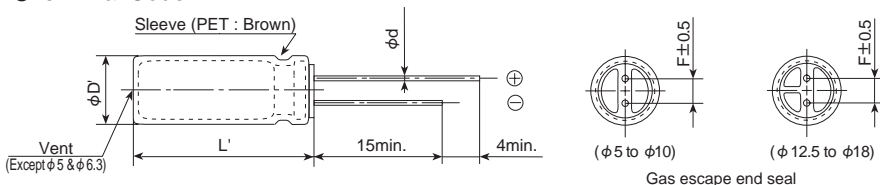


SPECIFICATIONS

| Items | Characteristics | | | | | | | | | | |
|--|---|---|------|------|------|------|------|------|--|------|--|
| Category | -40 to +105°C | | | | | | | | | | |
| Temperature Range | | | | | | | | | | | |
| Rated Voltage Range | 6.3 to 100V _{dc} | | | | | | | | | | |
| Capacitance Tolerance | ±20% (M) (at 20°C, 120Hz) | | | | | | | | | | |
| Leakage Current | I=0.01CV or 3μA, whichever is greater. Where, I : Max. leakage current (μA), C : Nominal capacitance (μF), V : Rated voltage (V) (at 20°C after 2 minutes) | | | | | | | | | | |
| Dissipation Factor (tan δ) | Rated voltage (V _{dc}) | 6.3V | 10V | 16V | 25V | 35V | 50V | 63V | 80V | 100V | |
| | tan δ (Max.) | 0.22 | 0.19 | 0.16 | 0.14 | 0.12 | 0.10 | 0.09 | 0.09 | 0.08 | |
| | When nominal capacitance exceeds 1,000μF, add 0.02 to the value above for each 1,000μF increase. (at 20°C, 120Hz) | | | | | | | | | | |
| Low Temperature Characteristics (Max. Impedance Ratio) | Rated voltage (V _{dc}) | 6.3V | 10V | 16V | 25V | 35V | 50V | 63V | 80V | 100V | |
| | Z(-25°C)/Z(+20°C) | 4 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | |
| | Z(-40°C)/Z(+20°C) | 8 | 6 | 4 | 3 | 3 | 3 | 3 | 3 | 3 | |
| (at 120Hz) | | | | | | | | | | | |
| Endurance | The following specifications shall be satisfied when the capacitors are restored to 20°C after subjected to DC voltage with the rated ripple current is applied (the peak voltage shall not exceed the rated voltage) for the specified period of time at 105°C. | | | | | | | | | | |
| | Rated Voltage(V _{dc}) | 6.3 to 10V _{dc} | | | | | | | 16 to 100V _{dc} | | |
| | Time | φ5: 4,000hours φ6.3 & 8: 6,000hours φ10 to 18: 8,000hours | | | | | | | φ5: 5,000hours φ6.3 & 8: 7,000hours φ10 to 18: 10,000hours | | |
| | Capacitance change | ≤ ±30% of the initial value | | | | | | | ≤ ±25% of the initial value | | |
| | D.F. (tan δ) | ≤200% of the initial specified value | | | | | | | ≤200% of the initial specified value | | |
| | Leakage current | ≤The initial specified value | | | | | | | ≤The initial specified value | | |
| Shelf Life | The following specifications shall be satisfied when the capacitors are restored to 20°C after exposing them for 500 hours at 105°C without voltage applied. Before the measurement, the capacitor shall be preconditioned by applying voltage according to Item 4.1 of JIS C 5101-4. | | | | | | | | | | |
| | Capacitance change | ≤ ±25% of the initial value | | | | | | | | | |
| | D.F. (tan δ) | ≤200% of the initial specified value | | | | | | | | | |
| | Leakage current | ≤The initial specified value | | | | | | | | | |

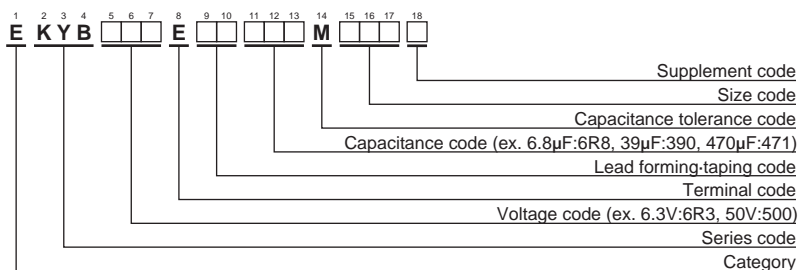
DIMENSIONS [mm]

Terminal Code : E



| φD | 5 | 6.3 | 8 | 10 | 12.5 | 16 | 18 |
|-----|------------|-----|-----|-----|------|-----|-----|
| φd | 0.5 | 0.5 | 0.6 | 0.6 | 0.6 | 0.8 | 0.8 |
| F | 2.0 | 2.5 | 3.5 | 5.0 | 5.0 | 7.5 | 7.5 |
| φD' | φD+0.5max. | | | | | | |
| L' | L+1.5max. | | | | | | |

PART NUMBERING SYSTEM



Please refer to "Product code guide (radial lead type)"



KYB Series

◆STANDARD RATINGS

| WV (V _{dc}) | Cap (μF) | Case size φD×L(mm) | Impedance (Ω max./100kHz) | | Rated ripple current (mA rms/ 105°C, 100kHz) | Part No. | WV (V _{dc}) | Cap (μF) | Case size φD×L(mm) | Impedance (Ω max./100kHz) | | Rated ripple current (mA rms/ 105°C, 100kHz) | Part No. |
|--------------------------|-------------|-----------------------|------------------------------|-------|--|--------------------|--------------------------|-------------|-----------------------|------------------------------|-------|--|--------------------|
| | | | 20°C | -10°C | | | | | | 20°C | -10°C | | |
| 6.3 | 180 | 5×11 | 0.29 | 1.2 | 340 | EKYB6R3E□□181ME11D | 16 | 4,700 | 12.5×35 | 0.018 | 0.072 | 3,140 | EKYB160E□□472MK35S |
| | 390 | 6.3×11 | 0.15 | 0.60 | 540 | EKYB6R3E□□391MF11D | | 4,700 | 18×20 | 0.021 | 0.084 | 3,000 | EKYB160E□□472MM20S |
| | 820 | 8×11.5 | 0.087 | 0.35 | 840 | EKYB6R3E□□821MHB5D | | 5,600 | 12.5×40 | 0.017 | 0.068 | 3,640 | EKYB160E□□562MK40S |
| | 1,200 | 8×15 | 0.069 | 0.28 | 1,050 | EKYB6R3E□□122MH15D | | 5,600 | 16×25 | 0.020 | 0.080 | 3,140 | EKYB160E□□562ML25S |
| | 1,200 | 10×12.5 | 0.064 | 0.26 | 1,050 | EKYB6R3E□□122MJC5S | | 6,800 | 16×31.5 | 0.016 | 0.064 | 3,610 | EKYB160E□□682MLN3S |
| | 1,500 | 8×20 | 0.060 | 0.24 | 1,210 | EKYB6R3E□□152MH20D | | 6,800 | 18×25 | 0.017 | 0.068 | 3,530 | EKYB160E□□682MM25S |
| | 1,800 | 10×16 | 0.049 | 0.20 | 1,400 | EKYB6R3E□□182MJ16S | | 8,200 | 16×35.5 | 0.014 | 0.056 | 4,080 | EKYB160E□□822MLP1S |
| | 2,200 | 10×20 | 0.037 | 0.15 | 1,650 | EKYB6R3E□□222MJ20S | | 8,200 | 18×31.5 | 0.014 | 0.056 | 4,220 | EKYB160E□□822MMN3S |
| | 2,700 | 10×25 | 0.031 | 0.13 | 1,910 | EKYB6R3E□□272MJ25S | | 10,000 | 16×40 | 0.013 | 0.052 | 4,220 | EKYB160E□□103ML40S |
| | 3,300 | 10×30 | 0.027 | 0.11 | 2,230 | EKYB6R3E□□332MJ30S | | 10,000 | 18×35.5 | 0.012 | 0.048 | 4,280 | EKYB160E□□103MMP1S |
| | 3,900 | 12.5×20 | 0.027 | 0.11 | 2,230 | EKYB6R3E□□392MK20S | | 12,000 | 18×40 | 0.011 | 0.044 | 4,700 | EKYB160E□□123MM40S |
| | 4,700 | 12.5×25 | 0.024 | 0.096 | 2,530 | EKYB6R3E□□472MK20S | 25 | 82 | 5×11 | 0.29 | 1.2 | 340 | EKYB250E□□820ME11D |
| | 6,800 | 12.5×30 | 0.021 | 0.084 | 2,860 | EKYB6R3E□□682MK30S | | 150 | 6.3×11 | 0.15 | 0.60 | 540 | EKYB250E□□151MF11D |
| | 6,800 | 16×20 | 0.025 | 0.10 | 2,610 | EKYB6R3E□□682ML20S | | 330 | 8×11.5 | 0.087 | 0.35 | 840 | EKYB250E□□331MHB5D |
| | 8,200 | 12.5×35 | 0.018 | 0.072 | 3,140 | EKYB6R3E□□822MK35S | | 390 | 8×15 | 0.069 | 0.28 | 1,050 | EKYB250E□□391MH15D |
| | 8,200 | 18×20 | 0.021 | 0.084 | 3,000 | EKYB6R3E□□822MM20S | | 470 | 10×12.5 | 0.064 | 0.26 | 1,050 | EKYB250E□□471MJC5S |
| | 10,000 | 12.5×40 | 0.017 | 0.068 | 3,640 | EKYB6R3E□□103MK40S | | 560 | 8×20 | 0.060 | 0.24 | 1,210 | EKYB250E□□561MH20D |
| | 10,000 | 16×25 | 0.020 | 0.080 | 3,140 | EKYB6R3E□□103ML25S | | 680 | 10×16 | 0.049 | 0.20 | 1,400 | EKYB250E□□681MJ16S |
| | 12,000 | 16×31.5 | 0.016 | 0.064 | 3,610 | EKYB6R3E□□123MLN3S | | 1,000 | 10×20 | 0.037 | 0.15 | 1,650 | EKYB250E□□102MJ20S |
| | 12,000 | 18×25 | 0.017 | 0.068 | 3,530 | EKYB6R3E□□123MM25S | | 1,200 | 10×25 | 0.031 | 0.13 | 1,910 | EKYB250E□□122MJ25S |
| | 15,000 | 16×35.5 | 0.014 | 0.056 | 4,080 | EKYB6R3E□□153MLP1S | | 1,500 | 10×30 | 0.027 | 0.11 | 2,230 | EKYB250E□□152MJ30S |
| | 15,000 | 18×31.5 | 0.014 | 0.056 | 4,220 | EKYB6R3E□□153MMN3S | | 1,500 | 12.5×20 | 0.027 | 0.11 | 2,230 | EKYB250E□□152MK20S |
| | 18,000 | 16×40 | 0.013 | 0.052 | 4,220 | EKYB6R3E□□183ML40S | | 2,200 | 12.5×25 | 0.024 | 0.096 | 2,530 | EKYB250E□□222MK25S |
| | 18,000 | 18×35.5 | 0.012 | 0.048 | 4,280 | EKYB6R3E□□183MMP1S | | 2,700 | 12.5×30 | 0.021 | 0.084 | 2,860 | EKYB250E□□272MK30S |
| | 22,000 | 18×40 | 0.011 | 0.044 | 4,700 | EKYB6R3E□□223MM40S | | 2,700 | 16×20 | 0.025 | 0.10 | 2,610 | EKYB250E□□272ML20S |
| 10 | 120 | 5×11 | 0.29 | 1.2 | 340 | EKYB100E□□121ME11D | | 3,300 | 12.5×35 | 0.018 | 0.072 | 3,140 | EKYB250E□□332MK35S |
| | 330 | 6.3×11 | 0.15 | 0.60 | 540 | EKYB100E□□331MF11D | | 3,300 | 18×20 | 0.021 | 0.084 | 3,000 | EKYB250E□□332MM20S |
| | 560 | 8×11.5 | 0.087 | 0.35 | 840 | EKYB100E□□561MHB5D | | 3,900 | 12.5×40 | 0.017 | 0.068 | 3,640 | EKYB250E□□392MK40S |
| | 820 | 8×15 | 0.069 | 0.28 | 1,050 | EKYB100E□□821MH15D | | 3,900 | 16×25 | 0.020 | 0.080 | 3,140 | EKYB250E□□392ML25S |
| | 1,000 | 8×20 | 0.060 | 0.24 | 1,210 | EKYB100E□□102MH20D | | 4,700 | 16×31.5 | 0.016 | 0.064 | 3,610 | EKYB250E□□472MLN3S |
| | 1,000 | 10×12.5 | 0.064 | 0.26 | 1,050 | EKYB100E□□102MJC5S | | 4,700 | 18×25 | 0.017 | 0.068 | 3,530 | EKYB250E□□472MM25S |
| | 1,200 | 10×16 | 0.049 | 0.20 | 1,400 | EKYB100E□□122MJ16S | | 5,600 | 16×35.5 | 0.014 | 0.056 | 4,080 | EKYB250E□□562MLP1S |
| | 1,800 | 10×20 | 0.037 | 0.15 | 1,650 | EKYB100E□□182MJ20S | | 6,800 | 16×40 | 0.013 | 0.052 | 4,220 | EKYB250E□□682ML40S |
| | 2,200 | 10×25 | 0.031 | 0.13 | 1,910 | EKYB100E□□222MJ25S | | 6,800 | 18×31.5 | 0.014 | 0.056 | 4,220 | EKYB250E□□682MMN3S |
| | 2,700 | 10×30 | 0.027 | 0.11 | 2,230 | EKYB100E□□272MJ30S | | 8,200 | 18×35.5 | 0.012 | 0.048 | 4,280 | EKYB250E□□822MMP1S |
| | 2,700 | 12.5×20 | 0.027 | 0.11 | 2,230 | EKYB100E□□272MK20S | 35 | 47 | 5×11 | 0.29 | 1.2 | 340 | EKYB350E□□470ME11D |
| | 3,900 | 12.5×25 | 0.024 | 0.096 | 2,530 | EKYB100E□□392MK25S | | 100 | 6.3×11 | 0.15 | 0.60 | 540 | EKYB350E□□101MF11D |
| | 4,700 | 12.5×30 | 0.021 | 0.084 | 2,860 | EKYB100E□□472MK30S | | 180 | 8×11.5 | 0.087 | 0.35 | 840 | EKYB350E□□181MHB5D |
| | 4,700 | 16×20 | 0.025 | 0.10 | 2,610 | EKYB100E□□472ML20S | | 270 | 8×15 | 0.069 | 0.28 | 1,050 | EKYB350E□□271MH15D |
| | 5,600 | 12.5×35 | 0.018 | 0.072 | 3,140 | EKYB100E□□562MK35S | | 330 | 8×20 | 0.060 | 0.24 | 1,210 | EKYB350E□□331MH20D |
| | 6,800 | 12.5×40 | 0.017 | 0.068 | 3,640 | EKYB100E□□682MK40S | | 330 | 10×12.5 | 0.064 | 0.26 | 1,050 | EKYB350E□□331MJC5S |
| | 6,800 | 16×25 | 0.020 | 0.080 | 3,140 | EKYB100E□□682ML25S | | 470 | 10×16 | 0.049 | 0.20 | 1,400 | EKYB350E□□471MJ16S |
| | 6,800 | 18×20 | 0.021 | 0.084 | 3,000 | EKYB100E□□682MM20S | | 680 | 10×20 | 0.037 | 0.15 | 1,650 | EKYB350E□□681MJ20S |
| | 8,200 | 16×31.5 | 0.016 | 0.064 | 3,610 | EKYB100E□□822MLN3S | | 820 | 10×25 | 0.031 | 0.13 | 1,910 | EKYB350E□□821MJ25S |
| | 8,200 | 18×25 | 0.017 | 0.068 | 3,530 | EKYB100E□□822MM25S | | 1,000 | 10×30 | 0.027 | 0.11 | 2,230 | EKYB350E□□102MJ30S |
| | 10,000 | 16×35.5 | 0.014 | 0.056 | 4,080 | EKYB100E□□103MLP1S | | 1,000 | 12.5×20 | 0.027 | 0.11 | 2,230 | EKYB350E□□102MK20S |
| | 10,000 | 18×31.5 | 0.014 | 0.056 | 4,220 | EKYB100E□□103MMN3S | | 1,500 | 12.5×25 | 0.024 | 0.096 | 2,530 | EKYB350E□□152MK25S |
| | 12,000 | 16×40 | 0.013 | 0.052 | 4,220 | EKYB100E□□123ML40S | | 1,800 | 12.5×30 | 0.021 | 0.084 | 2,860 | EKYB350E□□182MK30S |
| | 12,000 | 18×35.5 | 0.012 | 0.048 | 4,280 | EKYB100E□□123MMP1S | | 1,800 | 16×20 | 0.025 | 0.10 | 2,610 | EKYB350E□□182ML20S |
| | 15,000 | 18×40 | 0.011 | 0.044 | 4,700 | EKYB100E□□153MM40S | | 2,200 | 12.5×35 | 0.018 | 0.072 | 3,140 | EKYB350E□□222MK35S |
| 16 | 120 | 5×11 | 0.29 | 1.2 | 340 | EKYB160E□□121ME11D | | 2,200 | 18×20 | 0.021 | 0.084 | 3,000 | EKYB350E□□222MM20S |
| | 270 | 6.3×11 | 0.15 | 0.60 | 540 | EKYB160E□□271MF11D | | 2,700 | 12.5×40 | 0.017 | 0.068 | 3,640 | EKYB350E□□272MK40S |
| | 470 | 8×11.5 | 0.087 | 0.35 | 840 | EKYB160E□□471MHB5D | | 2,700 | 16×25 | 0.020 | 0.080 | 3,140 | EKYB350E□□272ML25S |
| | 680 | 8×15 | 0.069 | 0.28 | 1,050 | EKYB160E□□681MH15D | | 3,300 | 16×31.5 | 0.016 | 0.064 | 3,610 | EKYB350E□□332MLN3S |
| | 680 | 10×12.5 | 0.064 | 0.26 | 1,050 | EKYB160E□□681MJC5S | | 3,300 | 18×25 | 0.017 | 0.068 | 3,530 | EKYB350E□□332MM25S |
| | 820 | 8×20 | 0.060 | 0.24 | 1,210 | EKYB160E□□821MH20D | | 3,900 | 16×35.5 | 0.014 | 0.056 | 4,080 | EKYB350E□□392MLP1S |
| | 1,000 | 10×16 | 0.049 | 0.20 | 1,400 | EKYB160E□□102MJ16S | | 4,700 | 16×40 | 0.013 | 0.052 | 4,220 | EKYB350E□□472ML40S |
| | 1,500 | 10×20 | 0.037 | 0.15 | 1,650 | EKYB160E□□152MJ20S | | 4,700 | 18×31.5 | 0.014 | 0.056 | 4,220 | EKYB350E□□472MMN3S |
| | 1,800 | 10×25 | 0.031 | 0.13 | 1,910 | EKYB160E□□182MJ25S | | 5,600 | 18×35.5 | 0.012 | 0.048 | 4,280 | EKYB350E□□562MMP1S |
| | 2,200 | 10×30 | 0.027 | 0.11 | 2,230 | EKYB160E□□222MJ30S | 50 | 27 | 5×11 | 0.48 | 2.0 | 238 | EKYB500E□□270ME11D |
| | 2,200 | 12.5×20 | 0.027 | 0.11 | 2,230 | EKYB160E□□222MK20S | | 56 | 6.3×11 | 0.20 | 0.80 | 385 | EKYB500E□□560MF11D |
| | 3,300 | 12.5×25 | 0.024 | 0.096 | 2,530 | EKYB160E□□332MK25S | | 100 | 8×11.5 | 0.12 | 0.48 | 620 | EKYB500E□□101MHB5D |
| | 3,900 | 12.5×30 | 0.021 | 0.084 | 2,860 | EKYB160E□□392MK30S | | 150 | 8×15 | 0.093 | 0.38 | 810 | EKYB500E□□151MH15D |
| | 3,900 | 16×20 | 0.025 | 0.10 | 2,610 | EKYB160E□□392ML20S | | 150 | 10×12.5 | 0.10 | 0.40 | 810 | EKYB500E□□151MJC5S |

□ □ : Enter the appropriate lead forming or taping code.

Production of the products shown in is scheduled to be discontinued.



◆STANDARD RATINGS

| WV (V _{dc}) | Cap (μF) | Case size φD×L(mm) | Impedance (Ω max./100kHz) | | Rated ripple current (mA rms/ 105°C, 100kHz) | Part No. |
|--------------------------|-------------|-----------------------|------------------------------|-------|--|--------------------|
| | | | 20°C | -10°C | | |
| 50 | 180 | 8×20 | 0.075 | 0.30 | 980 | EKYB500E□□181MH20D |
| | 220 | 10×16 | 0.069 | 0.28 | 1,100 | EKYB500E□□221MJ16S |
| | 270 | 10×20 | 0.055 | 0.22 | 1,300 | EKYB500E□□271MJ20S |
| | 390 | 10×25 | 0.043 | 0.18 | 1,600 | EKYB500E□□391MJ25S |
| | 470 | 10×30 | 0.038 | 0.16 | 1,820 | EKYB500E□□471MJ30S |
| | 470 | 12.5×20 | 0.034 | 0.14 | 1,820 | EKYB500E□□471MK20S |
| | 680 | 12.5×25 | 0.030 | 0.12 | 2,100 | EKYB500E□□681MK25S |
| | 820 | 12.5×30 | 0.025 | 0.10 | 2,450 | EKYB500E□□821MK30S |
| | 820 | 16×20 | 0.028 | 0.12 | 2,350 | EKYB500E□□821ML20S |
| | 1,000 | 12.5×35 | 0.021 | 0.084 | 2,800 | EKYB500E□□102MK35S |
| | 1,000 | 18×20 | 0.025 | 0.10 | 2,600 | EKYB500E□□102MM20S |
| | 1,200 | 12.5×40 | 0.019 | 0.076 | 3,100 | EKYB500E□□122MK40S |
| | 1,200 | 16×25 | 0.024 | 0.096 | 2,750 | EKYB500E□□122ML25S |
| | 1,500 | 16×31.5 | 0.019 | 0.076 | 3,150 | EKYB500E□□152MLN3S |
| | 1,500 | 18×25 | 0.021 | 0.084 | 2,890 | EKYB500E□□152MM25S |
| | 1,800 | 16×35.5 | 0.016 | 0.064 | 3,550 | EKYB500E□□182MLP1S |
| | 2,200 | 16×40 | 0.014 | 0.056 | 3,900 | EKYB500E□□222ML40S |
| | 2,200 | 18×31.5 | 0.014 | 0.056 | 3,800 | EKYB500E□□222MMN3S |
| | 2,700 | 18×35.5 | 0.013 | 0.052 | 4,100 | EKYB500E□□272MMP1S |
| | 2,700 | 18×35.5 | 0.013 | 0.052 | 4,100 | EKYB500E□□272MMP1S |
| 63 | 18 | 5×11 | 0.50 | 2.0 | 220 | EKYB630E□□180ME11D |
| | 33 | 6.3×11 | 0.25 | 1.0 | 350 | EKYB630E□□330MF11D |
| | 56 | 8×11.5 | 0.16 | 0.64 | 530 | EKYB630E□□560MHB5D |
| | 82 | 8×15 | 0.12 | 0.48 | 700 | EKYB630E□□820MH15D |
| | 120 | 8×20 | 0.085 | 0.34 | 880 | EKYB630E□□121MK20D |
| | 120 | 10×12.5 | 0.11 | 0.44 | 725 | EKYB630E□□121MJC5S |
| | 180 | 10×16 | 0.073 | 0.30 | 1,050 | EKYB630E□□181MJ16S |
| | 220 | 10×20 | 0.055 | 0.22 | 1,300 | EKYB630E□□221MJ20S |
| | 330 | 10×25 | 0.045 | 0.18 | 1,550 | EKYB630E□□331MJ25S |
| | 390 | 10×30 | 0.040 | 0.16 | 1,780 | EKYB630E□□391MJ30S |
| | 390 | 12.5×20 | 0.036 | 0.15 | 1,780 | EKYB630E□□391MK20S |
| | 560 | 12.5×25 | 0.030 | 0.12 | 2,100 | EKYB630E□□561MK25S |
| | 680 | 12.5×30 | 0.026 | 0.11 | 2,415 | EKYB630E□□681MK30S |
| | 680 | 16×20 | 0.028 | 0.12 | 2,250 | EKYB630E□□681ML20S |
| | 820 | 12.5×35 | 0.022 | 0.088 | 2,700 | EKYB630E□□821MK35S |
| | 820 | 18×20 | 0.028 | 0.12 | 2,500 | EKYB630E□□821MM20S |
| | 1,000 | 12.5×40 | 0.020 | 0.080 | 3,000 | EKYB630E□□102MK40S |
| | 1,000 | 16×25 | 0.025 | 0.10 | 2,730 | EKYB630E□□102ML25S |
| | 1,200 | 16×31.5 | 0.020 | 0.080 | 3,000 | EKYB630E□□122MLN3S |
| | 1,200 | 18×25 | 0.022 | 0.088 | 2,800 | EKYB630E□□122MM25S |
| 80 | 1,500 | 16×35.5 | 0.018 | 0.072 | 3,200 | EKYB630E□□152MLP1S |
| | 1,500 | 18×31.5 | 0.018 | 0.072 | 3,300 | EKYB630E□□152MMN3S |
| | 1,800 | 16×40 | 0.016 | 0.064 | 3,590 | EKYB630E□□182ML40S |
| | 1,800 | 18×35.5 | 0.017 | 0.068 | 3,570 | EKYB630E□□182MMP1S |
| | 2,200 | 18×40 | 0.016 | 0.064 | 3,670 | EKYB630E□□222MM40S |
| | 12 | 5×11 | 0.80 | 3.2 | 163 | EKYB800E□□120ME11D |
| | 22 | 6.3×11 | 0.43 | 1.8 | 267 | EKYB800E□□220MF11D |
| | 39 | 8×11.5 | 0.18 | 0.72 | 462 | EKYB800E□□390MHB5D |
| | 56 | 8×15 | 0.12 | 0.48 | 700 | EKYB800E□□560MH15D |
| | 82 | 8×20 | 0.085 | 0.34 | 880 | EKYB800E□□820MH20D |
| | 120 | 10×12.5 | 0.11 | 0.44 | 725 | EKYB800E□□121MJC5S |
| | 180 | 10×16 | 0.073 | 0.30 | 1,050 | EKYB800E□□181MJ16S |
| | 220 | 10×20 | 0.055 | 0.22 | 1,300 | EKYB800E□□221MJ20S |
| | 330 | 10×25 | 0.045 | 0.18 | 1,550 | EKYB800E□□331MJ25S |
| | 390 | 10×30 | 0.040 | 0.16 | 1,780 | EKYB800E□□391MJ30S |
| | 390 | 12.5×20 | 0.036 | 0.15 | 1,780 | EKYB800E□□391MK20S |
| | 560 | 12.5×25 | 0.030 | 0.12 | 2,100 | EKYB800E□□561MK25S |
| | 680 | 12.5×30 | 0.026 | 0.11 | 2,415 | EKYB800E□□681MK30S |
| | 680 | 16×20 | 0.028 | 0.12 | 2,250 | EKYB800E□□681ML20S |
| | 820 | 12.5×35 | 0.022 | 0.088 | 2,700 | EKYB800E□□821MK35S |
| 100 | 820 | 18×20 | 0.028 | 0.12 | 2,500 | EKYB800E□□821MM20S |
| | 1,000 | 12.5×40 | 0.020 | 0.080 | 3,000 | EKYB800E□□102MK40S |
| | 1,000 | 16×25 | 0.025 | 0.10 | 2,730 | EKYB800E□□102ML25S |
| | 1,200 | 16×31.5 | 0.020 | 0.080 | 3,000 | EKYB800E□□122MLN3S |
| | 1,200 | 18×25 | 0.022 | 0.088 | 2,800 | EKYB800E□□122MM25S |
| | 1,500 | 16×35.5 | 0.018 | 0.072 | 3,200 | EKYB800E□□152MLP1S |
| | 1,500 | 18×31.5 | 0.018 | 0.072 | 3,300 | EKYB800E□□152MMN3S |
| | 1,800 | 16×40 | 0.016 | 0.064 | 3,590 | EKYB800E□□182ML40S |
| | 1,800 | 18×35.5 | 0.017 | 0.068 | 3,570 | EKYB800E□□182MMP1S |
| | 2,200 | 18×40 | 0.016 | 0.064 | 3,670 | EKYB800E□□222MM40S |
| | 56 | 8×15 | 0.12 | 0.48 | 700 | EKYB101E□□560MH15D |
| | 82 | 8×20 | 0.085 | 0.34 | 880 | EKYB101E□□820MH20D |
| | 120 | 10×12.5 | 0.11 | 0.44 | 725 | EKYB101E□□121MJC5S |
| | 180 | 10×16 | 0.073 | 0.30 | 1,050 | EKYB101E□□181MJ16S |
| | 220 | 10×20 | 0.055 | 0.22 | 1,300 | EKYB101E□□221MJ20S |
| | 330 | 10×25 | 0.045 | 0.18 | 1,550 | EKYB101E□□331MJ25S |
| | 390 | 10×30 | 0.040 | 0.16 | 1,780 | EKYB101E□□391MJ30S |
| | 390 | 12.5×20 | 0.036 | 0.15 | 1,780 | EKYB101E□□391MK20S |
| | 560 | 12.5×25 | 0.030 | 0.12 | 2,100 | EKYB101E□□561MK25S |
| | 680 | 12.5×30 | 0.026 | 0.11 | 2,415 | EKYB101E□□681MK30S |
| 80 | 680 | 16×20 | 0.028 | 0.12 | 2,250 | EKYB101E□□681ML20S |
| | 820 | 12.5×35 | 0.022 | 0.088 | 2,700 | EKYB101E□□821MK35S |
| | 820 | 18×20 | 0.028 | 0.12 | 2,500 | EKYB101E□□821MM20S |
| | 1,000 | 12.5×40 | 0.020 | 0.080 | 3,000 | EKYB101E□□102MK40S |
| | 1,000 | 16×25 | 0.025 | 0.10 | 2,730 | EKYB101E□□102ML25S |
| | 1,200 | 16×31.5 | 0.020 | 0.080 | 3,000 | EKYB101E□□122MLN3S |
| | 1,200 | 18×25 | 0.022 | 0.088 | 2,800 | EKYB101E□□122MM25S |
| | 1,500 | 16×35.5 | 0.018 | 0.072 | 3,200 | EKYB101E□□152MLP1S |
| | 1,500 | 18×31.5 | 0.018 | 0.072 | 3,300 | EKYB101E□□152MMN3S |
| | 1,800 | 16×40 | 0.016 | 0.064 | 3,590 | EKYB101E□□182ML40S |
| | 1,800 | 18×35.5 | 0.017 | 0.068 | 3,570 | EKYB101E□□182MMP1S |
| | 2,200 | 18×40 | 0.016 | 0.064 | 3,670 | EKYB101E□□222MM40S |
| | 6.8 | 5×11 | 0.80 | 3.2 | 163 | EKYB101E□□6.8ME11D |
| | 15 | 6.3×11 | 0.43 | 1.8 | 267 | EKYB101E□□150MF11D |
| | 27 | 8×11.5 | 0.18 | 0.72 | 462 | EKYB101E□□270MHB5D |
| | 39 | 8×15 | 0.14 | 0.56 | 585 | EKYB101E□□390MH15D |
| | 56 | 8×20 | 0.11 | 0.44 | 735 | EKYB101E□□560MH20D |
| | 56 | 10×12.5 | 0.14 | 0.56 | 624 | EKYB101E□□560MJC5S |
| | 82 | 10×16 | 0.10 | 0.40 | 780 | EKYB101E□□820MJ16S |
| | 100 | 10×20 | 0.075 | 0.30 | 1,040 | EKYB101E□□101MJ20S |
| | 120 | 10×25 | 0.060 | 0.24 | 1,170 | EKYB101E□□121MJ25S |
| | 150 | 10×30 | 0.053 | 0.22 | 1,350 | EKYB101E□□151MJ30S |
| | 180 | 12.5×20 | 0.048 | 0.20 | 1,430 | EKYB101E□□181MK20S |
| | 220 | 12.5×25 | 0.039 | 0.16 | 1,620 | EKYB101E□□221MK25S |
| | 270 | 12.5×30 | 0.033 | 0.14 | 1,950 | EKYB101E□□271MK30S |
| | 270 | 16×20 | 0.036 | 0.15 | 1,750 | EKYB101E□□271ML20S |
| | 330 | 16×25 | 0.028 | 0.12 | 2,250 | EKYB101E□□331ML25S |
| | 390 | 12.5×35 | 0.026 | 0.11 | 2,250 | EKYB101E□□391MK35S |
| | 390 | 18×20 | 0.032 | 0.13 | 2,100 | EKYB101E□□391MM20S |
| | 470 | 12.5×40 | 0.024 | 0.096 | 2,450 | EKYB101E□□471MK40S |
| | 470 | 16×31.5 | 0.022 | 0.088 | 2,400 | EKYB101E□□471MLN3S |
| | 560 | 16×35.5 | 0.020 | 0.080 | 2,600 | EKYB101E□□561MLP1S |
| | 560 | 18×25 | 0.027 | 0.11 | 2,270 | EKYB101E□□561MM25S |
| | 680 | 16×40 | 0.018 | 0.072 | 2,900 | EKYB101E□□681ML40S |
| | 680 | 18×31.5 | 0.020 | 0.080 | 2,550 | EKYB101E□□681MMN3S |
| | 820 | 18×35.5 | 0.018 | 0.072 | 3,050 | EKYB101E□□821MMP1S |
| | 1,000 | 18×40 | 0.017 | 0.068 | 3,510 | EKYB101E□□102MM40S |

□□ : Enter the appropriate lead forming or taping code.

Production of the products shown in is scheduled to be discontinued.

◆RATED RIPPLE CURRENT MULTIPLIERS

● Frequency Multipliers

| Capacitance(μF) | Frequency(Hz) | | | |
|-----------------|---------------|------|------|------|
| | 120 | 1k | 10k | 100k |
| 6.8 to 180 | 0.40 | 0.75 | 0.90 | 1.00 |
| 220 to 560 | 0.50 | 0.85 | 0.94 | 1.00 |
| 680 to 1,800 | 0.60 | 0.87 | 0.95 | 1.00 |
| 2,200 to 3,900 | 0.75 | 0.90 | 0.95 | 1.00 |
| 4,700 to | 0.85 | 0.95 | 0.98 | 1.00 |

The deterioration of aluminum electrolytic capacitors accelerates their life due to the internal heating produced by ripple current. For details, refer to Section "5-3 Ripple Current Effect on Lifetime" in the catalog, Technical Note.