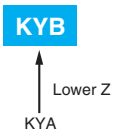
# KYB Series

- 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℃
- Non solvent resistant type
- RoHS2 Compliant



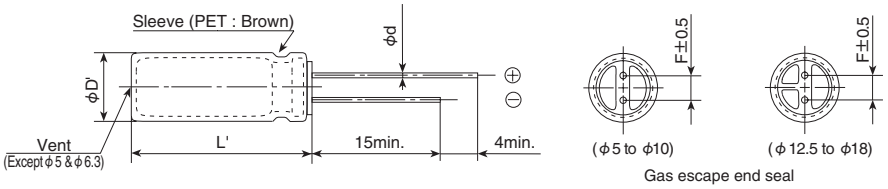



## ◆SPECIFICATIONS

| Items | Characteristics | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Category Temperature Range | -40 to +105℃ | | | | | | | | | |
| Rated Voltage Range | 6.3 to 100Vdc | | | | | | | | | |
| Capacitance Tolerance | ±20% (M) (at 20℃, 120Hz) | | | | | | | | | |
| Leakage Current | I=0.01CV or 3μA, whichever is greater.<br>Where, I : Max. leakage current (μA), C : Nominal capacitance (μF), V : Rated voltage (V) (at 20℃ after 2 minutes) | | | | | | | | | |
| Dissipation Factor (tan δ) | Rated voltage (Vdc) | 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℃, 120Hz) | | | | | | | | | |
| Low Temperature Characteristics (Max. Impedance Ratio) | Rated voltage (Vdc) | 6.3V | 10V | 16V | 25V | 35V | 50V | 63V | 80V | 100V |
| | Z(-25℃)/Z(+20℃) | 4 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| | Z(-40℃)/Z(+20℃) | 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℃ 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℃. | | | | | | | | | |
| | Rated Voltage(Vdc) | 6.3 to 10Vdc | | | | | 16 to 100Vdc | | | |
| | 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℃ after exposing them for 500 hours at 105℃ 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 | | | | | | | | |

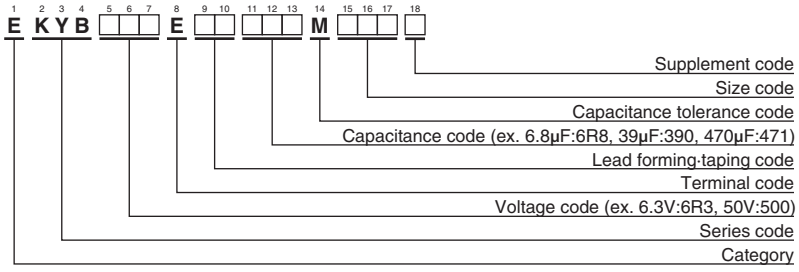
## ◆DIMENSIONS [mm]

●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)"

Product specifications in this catalog are subject to change without notice.Request our product specifications before purchase and/or use. Please use our products based on the information contained in this catalog and product specifications.

# KYB Series

## ◆STANDARD RATINGS

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

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

Product specifications in this catalog are subject to change without notice.Request our product specifications before purchase and/or use. Please use our products based on the information contained in this catalog and product specifications.

# KYB Series

## ◆STANDARD RATINGS

| WV (Vdc) | Cap (μF) | Case size φD×L(mm) | Impedance (Ω max./100kHz) 20℃ | Impedance (Ω max./100kHz) -10℃ | Rated ripple current (mArms/105℃, 100kHz) | Part No. |
|---|---|---|---|---|---|---|
| 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 |
| 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□□121MH20D |
| | 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 |
| | 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 |
| 80 | 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 | 0.14 | 0.56 | 585 | EKYB800E□□560MH15D |
| | 82 | 8×20 | 0.11 | 0.44 | 735 | EKYB800E□□820MH20D |
| | 82 | 10×12.5 | 0.14 | 0.56 | 624 | EKYB800E□□820MJC5S |
| | 120 | 10×16 | 0.10 | 0.40 | 780 | EKYB800E□□121MJ16S |
| | 180 | 10×20 | 0.075 | 0.30 | 1,040 | EKYB800E□□181MJ20S |
| | 220 | 10×25 | 0.060 | 0.24 | 1,170 | EKYB800E□□221MJ25S |
| | 270 | 10×30 | 0.053 | 0.22 | 1,350 | EKYB800E□□271MJ30S |
| | 270 | 12.5×20 | 0.048 | 0.20 | 1,430 | EKYB800E□□271MK20S |
| | 390 | 12.5×25 | 0.039 | 0.16 | 1,620 | EKYB800E□□391MK25S |
| | 470 | 12.5×30 | 0.033 | 0.14 | 1,950 | EKYB800E□□471MK30S |
| | 470 | 16×20 | 0.036 | 0.15 | 1,750 | EKYB800E□□471ML20S |
| | 560 | 12.5×35 | 0.026 | 0.11 | 2,250 | EKYB800E□□561MK35S |
| | 560 | 18×20 | 0.032 | 0.13 | 2,100 | EKYB800E□□561MM20S |
| | 680 | 12.5×40 | 0.024 | 0.096 | 2,450 | EKYB800E□□681MK40S |
| | 680 | 16×25 | 0.028 | 0.12 | 2,250 | EKYB800E□□681ML25S |
| | 820 | 16×31.5 | 0.022 | 0.088 | 2,400 | EKYB800E□□821MLN3S |
| | 820 | 18×25 | 0.027 | 0.11 | 2,270 | EKYB800E□□821MM25S |
| | 1,000 | 16×35.5 | 0.020 | 0.080 | 2,600 | EKYB800E□□102MLP1S |
| | 1,200 | 16×40 | 0.018 | 0.072 | 2,900 | EKYB800E□□122ML40S |
| | 1,200 | 18×31.5 | 0.020 | 0.080 | 2,550 | EKYB800E□□122MMN3S |
| | 1,500 | 18×35.5 | 0.018 | 0.072 | 3,050 | EKYB800E□□152MMP1S |
| 100 | 6.8 | 5×11 | 0.80 | 3.2 | 163 | EKYB101E□□6R8ME11D |
| | 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.

## ◆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 endurance of capacitors is reduced with internal heating produced by ripple current at the rate of halving the lifetime with every 5℃ rise. When long life performance is required in actual use, the rms ripple current has to be reduced.

Product specifications in this catalog are subject to change without notice.Request our product specifications before purchase and/or use. Please use our products based on the information contained in this catalog and product specifications.