# RJD MINIATURE ALUMINUM ELECTROLYTIC CAPACITORS

ELNA®

## 105°C Use,miniature,Hi-Reliability, Low ESR Capacitors

GREEN CAP | Low ESR | 105°C 8000hours | Anti-cleaning solvent

- Smaller and higher ripple current than RJB series.
- Guarantees 8000 hours at 105℃.
  (φ5 to 6.3 : 2000 hours ; φ8: 3000 hours; φ10: 5000 hours)

Miniaturized
Low ESR

RJD ⇦ RJB

Marking color : White print on a black sleeve

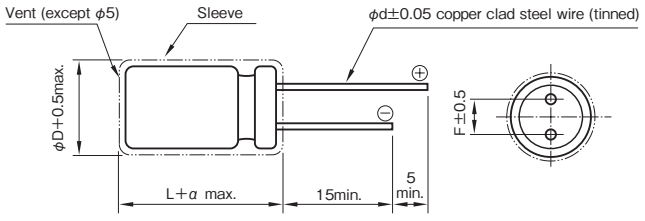
## Specifications

| Item | Performance |
|---|---|
| Category temperature range (℃) | −55 to +105 |
| Tolerance at rated capacitance (%) | ±20 (20℃,120Hz) |
| Leakage current (μA) | Less than 0.01CV or 3 whichever is larger (after 2 minutes) C : Rated capacitance (μF), V : Rated voltage (V) (20℃) |
| Tangent of loss angle (tanδ) | Rated voltage (V): 6.3 / 10 / 16 / 25 / 35 / 50 / 63 / 80 / 100<br>tanδ (max.): 0.22 / 0.19 / 0.16 / 0.14 / 0.12 / 0.10 / 0.10 / 0.08 / 0.08<br>0.02 is added to every 1000μF increase over 1000μF. (20℃,120Hz) |
| Characteristics at high and low temperature | Rated voltage (V): 6.3 / 10 / 16 / 25 / 35 / 50 / 63 / 80 / 100<br>Impedance ratio (max.) Z−55℃/Z+20℃: 3 / 3 / 3 / 3 / 3 / 3 / 3 / 3 / 3 (120Hz) |
| Endurance (105℃) (Applied ripple current) | Test time: φ5 & 6.3 : 2000 hours; φ8 : 3000 hours; φ10 : 5000 hours; φ12.5 to φ20 : 8000 hours<br>Leakage current: The initial specified value or less<br>Percentage of capacitance change: Within ±20% of initial value<br>Tangent of the loss angle: 200% or less of the initial specified value |
| Shelf life (105℃) | Test time : 1000hours ; other items are same as the endurance. Voltage application treatment : According to JIS C5101-4 |
| Applicable standards | JIS C5101-1, -4 1998 (IEC 60384-1 1992, -4 1985) |



## Outline Drawing

Unit : mm




| φD | 5 | 6.3 | 8 | 10 | 12.5 | 16 | 18 | 20 |
|---|---|---|---|---|---|---|---|---|
| F | 2.0 | 2.5 | 3.5 | 5.0 | 5.0 | 7.5 | 7.5 | 10.0 |
| φd | 0.5 | 0.5 | 0.6 | 0.6 | 0.6 | 0.8 | 0.8 | 1.0 |
| α | 1.0 | 1.0 | 1.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |

(Note) Whisker preventive structure is possible for φ8 or more.

## Coefficient of Frequency for Rated Ripple Current

| Rated Capacitance (μF) \ Frequency (Hz) | 50・60 | 120 | 300 | 1k | 10k・100k |
|---|---|---|---|---|---|
| 56 or less | 0.20 | 0.30 | 0.50 | 0.80 | 1 |
| 68 to 330 | 0.55 | 0.65 | 0.75 | 0.85 | 1 |
| 390 to 1000 | 0.70 | 0.75 | 0.80 | 0.90 | 1 |
| 1200 to 18000 | 0.80 | 0.85 | 0.90 | 0.95 | 1 |

## Part numbering system (example : 6.3V10000μF)

| RJD | — | 6 | V | 103 | M | J7 | # | — | ⬚ |
|---|---|---|---|---|---|---|---|---|---|
| Series code | | Rated voltage symbol | | Rated capacitance symbol | Capacitance tolerance symbol | Casing symbol | | | Taping(Forming) symbol |

If it is whisker preventive structure, should change “#” into “G”.

## Standard Ratings

| Rated voltage(V) / Item / Rated capacitance (μF) | 6.3 | | | | | 10 | | | | | 16 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Case φD × L (mm) | Casing symbol | ESR (Ω max.) 20℃ | ESR (Ω max.) -10℃ | Rated ripple current (mArms) | Case φD × L (mm) | Casing symbol | ESR (Ω max.) 20℃ | ESR (Ω max.) -10℃ | Rated ripple current (mArms) | Case φD × L (mm) | Casing symbol | ESR (Ω max.) 20℃ | ESR (Ω max.) -10℃ | Rated ripple current (mArms) |
| 22 | — | — | — | — | — | — | — | — | — | — | 5 × 11.5 | E3 | 0.50 | 1.0 | 182 |
| 33 | — | — | — | — | — | — | — | — | — | — | 5 × 11.5 | E3 | 0.50 | 1.0 | 182 |
| 47 | — | — | — | — | — | — | — | — | — | — | 5 × 11.5 | E3 | 0.50 | 1.0 | 182 |
| 82 | — | — | — | — | — | — | — | — | — | — | 5 × 11.5 | E3 | 0.50 | 1.0 | 182 |
| 100 | — | — | — | — | — | 5 × 11.5 | E3 | 0.50 | 1.0 | 182 | 6.3 × 11.5 | F3 | 0.25 | 0.50 | 295 |
| 150 | 5 × 11.5 | E3 | 0.50 | 1.0 | 182 | — | — | — | — | — | 6.3 × 11.5 | F3 | 0.25 | 0.50 | 295 |
| 180 | — | — | — | — | — | 6.3 × 11.5 | F3 | 0.25 | 0.50 | 295 | 8 × 12 | G3 | 0.117 | 0.234 | 567 |
| 220 | — | — | — | — | — | 6.3 × 11.5 | F3 | 0.25 | 0.50 | 295 | 8 × 12 | G3 | 0.117 | 0.234 | 567 |
| 330 | 6.3 × 11.5 | F3 | 0.25 | 0.50 | 295 | 8 × 12 | G3 | 0.117 | 0.234 | 567 | 8 × 12 | G3 | 0.117 | 0.234 | 567 |
| 390 | — | — | — | — | — | — | — | — | — | — | 8 × 12 | G3 | 0.117 | 0.234 | 567 |
| 470 | 8 × 12 | G3 | 0.117 | 0.234 | 567 | 8 × 12 | G3 | 0.117 | 0.234 | 567 | 8 × 15 | G4 | 0.085 | 0.170 | 733 |
| | | | | | | | | | | | 10 × 12.5 | H3 | 0.090 | 0.180 | 764 |
| 560 | 8 × 12 | G3 | 0.117 | 0.234 | 567 | 8 × 12 | G3 | 0.117 | 0.234 | 567 | 8 × 20 | G5 | 0.065 | 0.130 | 996 |
| 680 | 8 × 12 | G3 | 0.117 | 0.234 | 567 | — | — | — | — | — | 8 × 15 | G4 | 0.085 | 0.170 | 733 |
| | | | | | | | | | | | 10 × 12.5 | H3 | 0.090 | 0.180 | 764 |
| 820 | — | — | — | — | — | 8 × 15 | G4 | 0.085 | 0.170 | 733 | 8 × 20 | G5 | 0.065 | 0.130 | 996 |
| | | | | | | 10 × 12.5 | H3 | 0.090 | 0.180 | 764 | 10 × 16 | H4 | 0.068 | 0.136 | 1060 |
| 1000 | 8 × 15 | G4 | 0.085 | 0.170 | 733 | 8 × 20 | G5 | 0.065 | 0.130 | 996 | 10 × 16 | H4 | 0.068 | 0.136 | 1060 |
| | 10 × 12.5 | H3 | 0.090 | 0.180 | 764 | 10 × 12.5 | H3 | 0.090 | 0.180 | 764 | 10 × 20 | H5 | 0.052 | 0.104 | 1230 |
| | | | | | | 10 × 16 | H4 | 0.068 | 0.136 | 1060 | | | | | |
| 1200 | 10 × 12.5 | H3 | 0.090 | 0.180 | 764 | 8 × 20 | G5 | 0.065 | 0.130 | 996 | 10 × 20 | H5 | 0.052 | 0.104 | 1230 |
| | 10 × 16 | H4 | 0.068 | 0.136 | 1060 | 10 × 16 | H4 | 0.068 | 0.136 | 1060 | 10 × 25 | H6 | 0.045 | 0.090 | 1450 |
| 1500 | 8 × 20 | G5 | 0.065 | 0.130 | 996 | 10 × 20 | H5 | 0.052 | 0.104 | 1230 | 10 × 25 | H6 | 0.045 | 0.090 | 1450 |
| | 10 × 16 | H4 | 0.068 | 0.136 | 1060 | 12.5 × 15 | I4 | 0.062 | 0.124 | 1210 | 10 × 30 | H7 | 0.035 | 0.070 | 1830 |
| 1800 | 12.5 × 15 | I4 | 0.062 | 0.124 | 1210 | 10 × 20 | H5 | 0.052 | 0.104 | 1230 | — | — | — | — | — |
| | | | | | | 10 × 25 | H6 | 0.045 | 0.090 | 1450 | | | | | |
| 2200 | 10 × 20 | H5 | 0.052 | 0.104 | 1230 | 10 × 25 | H6 | 0.045 | 0.090 | 1450 | 10 × 30 | H7 | 0.035 | 0.070 | 1830 |
| | 10 × 25 | H6 | 0.045 | 0.090 | 1450 | 12.5 × 20 | I5 | 0.038 | 0.076 | 1700 | 12.5 × 20 | I5 | 0.038 | 0.076 | 1700 |
| | | | | | | | | | | | 16 × 16 | J4 | 0.043 | 0.086 | 1700 |
| 2700 | 10 × 25 | H6 | 0.045 | 0.090 | 1450 | 10 × 30 | H7 | 0.035 | 0.070 | 1830 | 12.5 × 25 | I6 | 0.030 | 0.060 | 1950 |
| | | | | | | 12.5 × 20 | I5 | 0.038 | 0.076 | 1700 | 18 × 16 | K4 | 0.038 | 0.076 | 2010 |
| 3300 | 10 × 30 | H7 | 0.035 | 0.070 | 1830 | 12.5 × 25 | I6 | 0.030 | 0.060 | 1950 | 12.5 × 30 | I7 | 0.025 | 0.050 | 2330 |
| | 12.5 × 20 | I5 | 0.038 | 0.076 | 1700 | | | | | | 16 × 20 | J5 | 0.029 | 0.058 | 2230 |
| 3900 | 12.5 × 25 | I6 | 0.030 | 0.060 | 1950 | 12.5 × 25 | I6 | 0.030 | 0.060 | 1950 | 12.5 × 35 | I8 | 0.022 | 0.044 | 2620 |
| | | | | | | 18 × 16 | K4 | 0.038 | 0.076 | 2010 | 16 × 20 | J5 | 0.029 | 0.058 | 2230 |
| 4700 | 12.5 × 25 | I6 | 0.030 | 0.060 | 1950 | 12.5 × 30 | I7 | 0.025 | 0.050 | 2330 | 12.5 × 40 | I9 | 0.017 | 0.034 | 3160 |
| | | | | | | | | | | | 16 × 25 | J6 | 0.022 | 0.044 | 2650 |
| | 18 × 16 | K4 | 0.038 | 0.076 | 2010 | 16 × 20 | J5 | 0.029 | 0.058 | 2230 | 18 × 20 | K5 | 0.028 | 0.056 | 2500 |
| 5600 | 12.5 × 30 | I7 | 0.025 | 0.050 | 2330 | 12.5 × 35 | I8 | 0.022 | 0.044 | 2620 | 16 × 25 | J6 | 0.022 | 0.044 | 2650 |
| | 16 × 20 | J5 | 0.029 | 0.058 | 2230 | | | | | | 16 × 31.5 | J7 | 0.018 | 0.036 | 3210 |
| 6800 | 12.5 × 35 | I8 | 0.022 | 0.044 | 2620 | 12.5 × 40 | I9 | 0.017 | 0.034 | 3160 | 18 × 25 | K6 | 0.020 | 0.040 | 3000 |
| | | | | | | 16 × 25 | J6 | 0.022 | 0.044 | 2650 | | | | | |
| 8200 | 12.5 × 40 | I9 | 0.017 | 0.034 | 3160 | 16 × 31.5 | J7 | 0.018 | 0.036 | 3210 | 18 × 35.5 | K8 | 0.015 | 0.030 | 3960 |
| | 16 × 25 | J6 | 0.022 | 0.044 | 2650 | | | | | | | | | | |
| | 18 × 20 | K5 | 0.028 | 0.056 | 2500 | 18 × 25 | K6 | 0.020 | 0.040 | 3000 | | | | | |
| 10000 | 16 × 31.5 | J7 | 0.018 | 0.036 | 3210 | 16 × 40 | J9 | 0.015 | 0.030 | 3880 | 18 × 40 | K9 | 0.014 | 0.028 | 4300 |
| | 18 × 25 | K6 | 0.020 | 0.040 | 3000 | 18 × 35.5 | K8 | 0.015 | 0.030 | 3960 | | | | | |
| 12000 | 18 × 25 | K6 | 0.020 | 0.040 | 3000 | — | — | — | — | — | — | — | — | — | — |
| 15000 | 18 × 35.5 | K8 | 0.015 | 0.030 | 3960 | 18 × 40 | K9 | 0.014 | 0.028 | 4300 | — | — | — | — | — |
| 18000 | 18 × 40 | K9 | 0.014 | 0.028 | 4300 | — | — | — | — | — | — | — | — | — | — |

(Note) Rated ripple current : 105℃ , 100kHz ; ESR : 100kHz

## Standard Ratings

| Rated voltage(V) / Item / Rated capacitance (μF) | 25 | | | | | 35 | | | | | 50 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Case | Casing symbol | ESR (Ω max.) | | Rated ripple current | Case | Casing symbol | ESR (Ω max.) | | Rated ripple current | Case | Casing symbol | ESR (Ω max.) | | Rated ripple current |
| | φD × L (mm) | | 20℃ | -10℃ | (mArms) | φD × L (mm) | | 20℃ | -10℃ | (mArms) | φD × L (mm) | | 20℃ | -10℃ | (mArms) |
| 10 | 5 × 11.5 | E3 | 0.50 | 1.0 | 182 | 5 × 11.5 | E3 | 0.50 | 1.0 | 182 | 5 × 11.5 | E3 | 0.90 | 1.8 | 173 |
| 22 | 5 × 11.5 | E3 | 0.50 | 1.0 | 182 | 5 × 11.5 | E3 | 0.50 | 1.0 | 182 | 5 × 11.5 | E3 | 0.90 | 1.8 | 173 |
| 27 | 5 × 11.5 | E3 | 0.50 | 1.0 | 182 | 5 × 11.5 | E3 | 0.50 | 1.0 | 182 | 5 × 11.5 | E3 | 0.90 | 1.8 | 173 |
| 33 | 5 × 11.5 | E3 | 0.50 | 1.0 | 182 | 5 × 11.5 | E3 | 0.50 | 1.0 | 182 | 6.3 × 11.5 | F3 | 0.40 | 0.80 | 285 |
| 47 | 5 × 11.5 | E3 | 0.50 | 1.0 | 182 | 6.3 × 11.5 | F3 | 0.25 | 0.50 | 295 | 6.3 × 11.5 | F3 | 0.40 | 0.80 | 285 |
| 56 | 5 × 11.5 | E3 | 0.50 | 1.0 | 182 | 6.3 × 11.5 | F3 | 0.25 | 0.50 | 295 | 6.3 × 11.5 | F3 | 0.40 | 0.80 | 285 |
| 82 | 6.3 × 11.5 | F3 | 0.25 | 0.50 | 295 | 6.3 × 11.5 | F3 | 0.25 | 0.50 | 295 | 8 × 12 | G3 | 0.19 | 0.38 | 508 |
| 100 | 6.3 × 11.5 | F3 | 0.25 | 0.50 | 295 | 8 × 12 | G3 | 0.117 | 0.234 | 567 | 8 × 15 | G4 | 0.155 | 0.31 | 636 |
| 150 | 8 × 12 | G3 | 0.117 | 0.234 | 567 | 8 × 12 | G3 | 0.117 | 0.234 | 567 | 10 × 12.5 | H3 | 0.17 | 0.34 | 628 |
| 180 | — | — | — | — | — | 8 × 12 | G3 | 0.117 | 0.234 | 567 | 10 × 12.5 | H3 | 0.17 | 0.34 | 628 |
| 220 | 8 × 12 | G3 | 0.117 | 0.234 | 567 | 8 × 15 | G4 | 0.085 | 0.170 | 733 | 10 × 16 | H4 | 0.119 | 0.238 | 850 |
| 270 | 8 × 12 | G3 | 0.117 | 0.234 | 567 | 8 × 15 | G4 | 0.085 | 0.170 | 733 | 10 × 20 | H5 | 0.081 | 0.162 | 1120 |
| | | | | | | 10 × 12.5 | H3 | 0.090 | 0.180 | 764 | | | | | |
| 330 | 8 × 12 | G3 | 0.117 | 0.234 | 567 | 8 × 20 | G5 | 0.065 | 0.130 | 996 | 10 × 20 | H5 | 0.081 | 0.162 | 1120 |
| | 10 × 12.5 | H3 | 0.090 | 0.180 | 764 | 10 × 16 | H4 | 0.068 | 0.136 | 1060 | 12.5 × 15 | I4 | 0.09 | 0.18 | 1170 |
| 390 | 8 × 15 | G4 | 0.085 | 0.170 | 733 | 8 × 20 | G5 | 0.065 | 0.130 | 996 | — | — | — | — | — |
| | | | | | | 10 × 16 | H4 | 0.068 | 0.136 | 1060 | | | | | |
| 470 | 8 × 15 | G4 | 0.085 | 0.170 | 733 | 10 × 20 | H5 | 0.052 | 0.104 | 1230 | 12.5 × 20 | I5 | 0.057 | 0.114 | 1540 |
| | 10 × 12.5 | H3 | 0.090 | 0.180 | 764 | | | | | | | | | | |
| 560 | 8 × 20 | G5 | 0.065 | 0.130 | 996 | 10 × 20 | H5 | 0.052 | 0.104 | 1230 | 12.5 × 25 | I6 | 0.042 | 0.084 | 1910 |
| | 10 × 16 | H4 | 0.068 | 0.136 | 1060 | 12.5 × 15 | I4 | 0.062 | 0.124 | 1210 | | | | | |
| 680 | 10 × 16 | H4 | 0.068 | 0.136 | 1060 | 10 × 25 | H6 | 0.045 | 0.090 | 1450 | 18 × 20 | K5 | 0.034 | 0.068 | 2420 |
| 820 | 10 × 20 | H5 | 0.052 | 0.104 | 1230 | 12.5 × 20 | I5 | 0.038 | 0.076 | 1700 | 12.5 × 30 | I7 | 0.038 | 0.076 | 2290 |
| | 12.5 × 15 | I4 | 0.062 | 0.124 | 1210 | | | | | | 18 × 20 | K5 | 0.034 | 0.068 | 2420 |
| 1000 | 10 × 25 | H6 | 0.045 | 0.090 | 1450 | 10 × 30 | H7 | 0.035 | 0.070 | 1830 | 16 × 25 | J6 | 0.031 | 0.062 | 2450 |
| | 12.5 × 20 | I5 | 0.038 | 0.076 | 1700 | 12.5 × 20 | I5 | 0.038 | 0.076 | 1700 | 18 × 20 | K5 | 0.034 | 0.068 | 2420 |
| 1200 | 12.5 × 20 | I5 | 0.038 | 0.076 | 1700 | 12.5 × 25 | I6 | 0.030 | 0.060 | 1950 | 18 × 25 | K6 | 0.029 | 0.058 | 2750 |
| | | | | | | 18 × 16 | K4 | 0.038 | 0.076 | 2010 | | | | | |
| 1500 | 10 × 30 | H7 | 0.035 | 0.070 | 1830 | 12.5 × 30 | I7 | 0.025 | 0.050 | 2330 | 16 × 31.5 | J7 | 0.027 | 0.054 | 3100 |
| | 16 × 16 | J4 | 0.043 | 0.086 | 1700 | 16 × 20 | J5 | 0.029 | 0.058 | 2230 | 18 × 25 | K6 | 0.029 | 0.058 | 2750 |
| 1800 | 12.5 × 25 | I6 | 0.030 | 0.060 | 1950 | 12.5 × 35 | I8 | 0.022 | 0.044 | 2620 | 16 × 35.5 | J8 | 0.023 | 0.046 | 3530 |
| | 18 × 16 | K4 | 0.038 | 0.076 | 2010 | 16 × 20 | J5 | 0.029 | 0.058 | 2230 | 18 × 31.5 | K7 | 0.025 | 0.050 | 3200 |
| 2200 | 12.5 × 30 | I7 | 0.025 | 0.050 | 2330 | 12.5 × 40 | I9 | 0.017 | 0.034 | 3160 | 16 × 40 | J9 | 0.020 | 0.040 | 3830 |
| | | | | | | 16 × 25 | J6 | 0.022 | 0.044 | 2650 | | | | | |
| | 16 × 20 | J5 | 0.029 | 0.058 | 2230 | 18 × 20 | K5 | 0.028 | 0.056 | 2500 | 18 × 35.5 | K8 | 0.022 | 0.044 | 3670 |
| 2700 | 12.5 × 35 | I8 | 0.022 | 0.044 | 2620 | 16 × 31.5 | J7 | 0.018 | 0.036 | 3210 | 18 × 40 | K9 | 0.018 | 0.036 | 4160 |
| | 18 × 25 | K6 | 0.020 | 0.040 | 3000 | 18 × 25 | K6 | 0.020 | 0.040 | 3000 | | | | | |
| 3300 | 12.5 × 40 | I9 | 0.017 | 0.034 | 3160 | 18 × 25 | K6 | 0.020 | 0.040 | 3000 | — | — | — | — | — |
| | 16 × 25 | J6 | 0.022 | 0.044 | 2650 | | | | | | | | | | |
| | 18 × 20 | K5 | 0.028 | 0.056 | 2500 | 18 × 31.5 | K7 | 0.016 | 0.032 | 3660 | | | | | |
| 3900 | — | — | — | — | — | 18 × 35.5 | K8 | 0.015 | 0.030 | 3960 | — | — | — | — | — |
| | | | | | | 18 × 40 | K9 | 0.014 | 0.028 | 4300 | | | | | |
| | | | | | | 20 × 25 | L6 | 0.019 | 0.038 | 3920 | | | | | |
| 4700 | 18 × 25 | K6 | 0.020 | 0.040 | 3000 | 18 × 35.5 | K8 | 0.015 | 0.030 | 3960 | — | — | — | — | — |
| | | | | | | 18 × 40 | K9 | 0.014 | 0.028 | 4300 | | | | | |
| | | | | | | 20 × 30 | L7 | 0.018 | 0.036 | 4270 | | | | | |
| 5600 | 18 × 35.5 | K8 | 0.015 | 0.030 | 3960 | 18 × 40 | K9 | 0.014 | 0.028 | 4300 | — | — | — | — | — |
| | 20 × 25 | L6 | 0.019 | 0.038 | 3920 | 20 × 35.5 | L8 | 0.014 | 0.028 | 5250 | | | | | |
| 6800 | 18 × 35.5 | K8 | 0.015 | 0.030 | 3960 | 18 × 40 | K9 | 0.014 | 0.028 | 4300 | — | — | — | — | — |
| | 20 × 30 | L7 | 0.018 | 0.036 | 4270 | 20 × 40 | L9 | 0.013 | 0.026 | 5680 | | | | | |
| 8200 | 20 × 35.5 | L8 | 0.014 | 0.028 | 5250 | 18 × 40 | K9 | 0.014 | 0.028 | 4300 | — | — | — | — | — |
| | | | | | | 20 × 40 | L9 | 0.013 | 0.026 | 5680 | | | | | |
| 10000 | 18 × 40 | K9 | 0.014 | 0.028 | 4300 | — | — | — | — | — | — | — | — | — | — |
| | 20 × 40 | L9 | 0.013 | 0.026 | 5680 | | | | | | | | | | |

| Rated voltage(V) / Item / Rated capacitance (μF) | 63 | | | | | 80 | | | | | 100 | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Case | Casing symbol | ESR (Ω max.) | | Rated ripple current | Case | Casing symbol | ESR (Ω max.) | | Rated ripple current | Case | Casing symbol | ESR (Ω max.) | | Rated ripple current |
| | φD × L (mm) | | 20℃ | -10℃ | (mArms) | φD × L (mm) | | 20℃ | -10℃ | (mArms) | φD × L (mm) | | 20℃ | -10℃ | (mArms) |
| 10 | 5 × 11.5 | E3 | 1.1 | 2.2 | 162 | 5 × 11.5 | E3 | 1.90 | 3.8 | 123 | 6.3 × 11.5 | F3 | 1.1 | 2.2 | 186 |
| 22 | 6.3 × 11.5 | F3 | 0.54 | 1.1 | 265 | 8 × 12 | G3 | 0.53 | 1.1 | 315 | 8 × 12 | G3 | 0.53 | 1.1 | 315 |
| 27 | 6.3 × 11.5 | F3 | 0.54 | 1.1 | 265 | — | — | — | — | — | — | — | — | — | — |
| 33 | 6.3 × 11.5 | F3 | 0.54 | 1.1 | 265 | 8 × 12 | G3 | 0.53 | 1.1 | 315 | 8 × 15 | G4 | 0.35 | 0.70 | 423 |
| 47 | 8 × 12 | G3 | 0.32 | 0.64 | 406 | 8 × 15 | G4 | 0.35 | 0.70 | 423 | 10 × 12.5 | H3 | 0.47 | 0.94 | 392 |
| 56 | 8 × 12 | G3 | 0.32 | 0.64 | 406 | 10 × 12.5 | H3 | 0.47 | 0.94 | 392 | 10 × 16 | H4 | 0.32 | 0.64 | 520 |
| 82 | 8 × 20 | G5 | 0.17 | 0.34 | 682 | 10 × 16 | H4 | 0.32 | 0.64 | 520 | 10 × 20 | H5 | 0.25 | 0.50 | 640 |
| 100 | 10 × 16 | H4 | 0.17 | 0.34 | 710 | 10 × 20 | H5 | 0.25 | 0.50 | 640 | 10 × 25 | H6 | 0.155 | 0.31 | 636 |
| 150 | 10 × 20 | H5 | 0.12 | 0.24 | 920 | 12.5 × 20 | I5 | 0.13 | 0.26 | 1010 | 12.5 × 25 | I6 | 0.11 | 0.22 | 1200 |
| 180 | 10 × 25 | H6 | 0.10 | 0.20 | 1110 | — | — | — | — | — | — | — | — | — | — |
| 220 | 12.5 × 20 | I5 | 0.075 | 0.15 | 1340 | 12.5 × 25 | I6 | 0.11 | 0.22 | 1200 | 12.5 × 30 | I7 | 0.090 | 0.18 | 1440 |
| 330 | 12.5 × 25 | I6 | 0.065 | 0.13 | 1730 | 12.5 × 30 | I7 | 0.090 | 0.18 | 1440 | 16 × 25 | J6 | 0.090 | 0.18 | 1440 |
| 470 | 12.5 × 30 | I7 | 0.055 | 0.11 | 2110 | 16 × 31.5 | J7 | 0.059 | 0.118 | 2100 | 16 × 35.5 | J8 | 0.052 | 0.104 | 2340 |
| | 16 × 25 | J6 | 0.052 | 0.104 | 2180 | 18 × 25 | K6 | 0.064 | 0.128 | 1980 | 18 × 31.5 | K7 | 0.054 | 0.108 | 2350 |
| 560 | 16 × 25 | J6 | 0.052 | 0.104 | 2180 | 16 × 31.5 | J7 | 0.059 | 0.118 | 2100 | 16 × 40 | J9 | 0.045 | 0.090 | 2650 |
| | 18 × 20 | K5 | 0.058 | 0.116 | 2290 | 18 × 25 | K6 | 0.064 | 0.128 | 1980 | 18 × 35.5 | K8 | 0.044 | 0.088 | 2730 |
| 680 | 16 × 31.5 | J7 | 0.042 | 0.084 | 2710 | 16 × 35.5 | J8 | 0.052 | 0.104 | 2340 | 16 × 40 | J9 | 0.045 | 0.090 | 2650 |
| | 18 × 25 | K6 | 0.050 | 0.10 | 2610 | 18 × 31.5 | K7 | 0.054 | 0.108 | 2350 | 18 × 35.5 | K8 | 0.044 | 0.088 | 2730 |
| 820 | 16 × 31.5 | J7 | 0.042 | 0.084 | 2710 | 16 × 40 | J9 | 0.045 | 0.090 | 2650 | 18 × 40 | K9 | 0.039 | 0.078 | 3050 |
| | 18 × 25 | K6 | 0.050 | 0.10 | 2610 | 18 × 35.5 | K8 | 0.044 | 0.088 | 2730 | | | | | |
| 1000 | 16 × 35.5 | J8 | 0.036 | 0.072 | 2820 | 18 × 40 | K9 | 0.039 | 0.078 | 3050 | — | — | — | — | — |
| | 18 × 31.5 | K7 | 0.042 | 0.084 | 3080 | | | | | | | | | | |
| 1500 | 18 × 35.5 | K8 | 0.035 | 0.070 | 3530 | — | — | — | — | — | — | — | — | — | — |
| 1800 | 18 × 40 | K9 | 0.032 | 0.064 | 3880 | — | — | — | — | — | — | — | — | — | — |

(Note) Rated ripple current : 105℃ , 100kHz ; ESR : 100kHz