ELNA

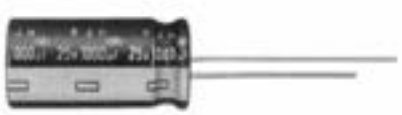
# Miniature Aluminum Electrolytic Capacitors RJH series

Code in front of series have been extracted from product code, which describes the segment of products, such as type and features.

- Low Impedance capacitors.
- Guaranteed 5000 hours at 105℃.
  (φ5 to φ6.3 : 2000 hours ; φ8 to φ10 : 3000 hours)
- Environmental：GREEN CAP™ , RoHS compliance.

Long life

RJH ⇦ RJ3



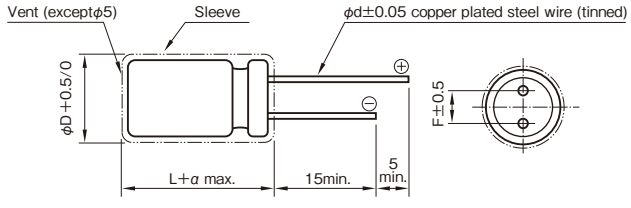
Marking color : White print on a black sleeve

## Specifications

| Item | Performance |
|---|---|
| Category temperature range (℃) | −55 to +105 |
| Tolerance at rated capacitance (%) | ±20 (20℃,120Hz) |
| Leakage current (μA) (max.) | 0.01CV + 2 (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 / 100<br>tanδ (max.): 0.22 / 0.19 / 0.16 / 0.14 / 0.12 / 0.10 / 0.08 / 0.07<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 / 100<br>Impedance ratio (max.) Z−25℃/Z+20℃: 2 / 2 / 2 / 2 / 2 / 2 / 2 / 2<br>Impedance ratio (max.) Z−55℃/Z+20℃: 3 / 3 / 3 / 3 / 3 / 3 / 3 / 3<br>(120Hz) |
| Endurance (105℃) (Applied ripple current) | Test time: 5000 hours (φ5 to φ6.3: 2000 hours) (φ8 to φ10 : 3000 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: 1000 hours<br>Leakage current: The initial specified value or less<br>Percentage of capacitance change: Within ±15% of initial value<br>Tangent of the loss angle: 150% or less of the initial specified value<br>Voltage application treatment : According to JIS C5101-4 4.1 |
| Applicable standards | JIS C5101 - 1, - 4 (IEC 60384 - 1, - 4) |

## Outline Drawing

Unit : mm




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

## Coefficient of Frequency for Rated Ripple Current

| Rated capacitance (μF) \ Frequency (Hz) | 120 | 1k | 10k | 100k |
|---|---|---|---|---|
| 1 to 4.7 | 0.40 | 0.68 | 0.78 | 1 |
| 5.6 to 47 | 0.50 | 0.76 | 0.87 | 1 |
| 56 to 270 | 0.70 | 0.85 | 0.90 | 1 |
| 330 to 1000 | 0.80 | 0.93 | 0.98 | 1 |
| 1200 to 15000 | 0.90 | 0.95 | 1.00 | 1 |

## Product code system : 10V5600μF (*For general product)

| RS* | RJH | 562 | M | 1L | J31 | 300 | T |
|---|---|---|---|---|---|---|---|
| Category code | Series code | capacitance code | Cap tol. code | Voltage code | Size code | Lead-forming and packing code | Additional code |

・For details, refer to the various "Product Code System" pages.
・Lead-forming and packing code on this page are for lead long and standard packing products.
For standard packing, please refer to the "PACKING" page.

NOTE : Design, Specifications are subject to change without notice.
It is recommended that you shall obtain technical specifications from ELNA to ensure that the component is suitable for your use.

Code in front of series have been extracted from product code, which describes the segment of products, such as type and features.

## Standard Ratings

| Rated voltage (V) / Item / Case φD×L (mm) / Size code | | 6.3 (1J) | | | | | 10 (1L) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Rated capacitance | ESR | Impedance (Ω max.) | | Rated ripple current | Rated capacitance | ESR | Impedance (Ω max.) | | Rated ripple current |
| | | (μF) | (Ω) | 20℃ | −10℃ | (mArms) | (μF) | (Ω) | 20℃ | −10℃ | (mArms) |
| 5×11.5 | C11 | 100 | 3.65 | 0.65 | 1.46 | 175 | 82 | 3.84 | 0.65 | 1.46 | 175 |
| 6.3×11.5 | D11 | 220 | 1.66 | 0.31 | 0.70 | 290 | 180 | 1.75 | 0.31 | 0.70 | 290 |
| 8×12 | E12 | 470 | 0.777 | 0.17 | 0.38 | 488 | 330 | 0.956 | 0.17 | 0.38 | 488 |
| 8×15 | E15 | 680 | 0.537 | 0.13 | 0.29 | 617 | 470 | 0.671 | 0.13 | 0.29 | 617 |
| 8×20 | E20 | 1000 | 0.365 | 0.095 | 0.21 | 800 | 680 | 0.464 | 0.095 | 0.21 | 800 |
| 10×12.5 | F12 | 680 | 0.537 | 0.10 | 0.23 | 625 | 470 | 0.671 | 0.10 | 0.23 | 625 |
| 10×16 | F16 | 820 | 0.446 | 0.080 | 0.18 | 825 | 560 | 0.563 | 0.080 | 0.18 | 825 |
| 10×20 | F20 | 1200 | 0.305 | 0.062 | 0.14 | 1010 | 1000 | 0.316 | 0.062 | 0.14 | 1010 |
| 10×25 | F25 | 1500 | 0.244 | 0.052 | 0.12 | 1190 | 1200 | 0.263 | 0.052 | 0.12 | 1190 |
| 10×30 | F30 | 2200 | 0.181 | 0.044 | 0.099 | 1440 | 1500 | 0.211 | 0.044 | 0.099 | 1440 |
| 12.5×15 | G15 | • 1200 | 0.305 | 0.062 | 0.14 | 1010 | • 1000 | 0.316 | 0.062 | 0.14 | 1010 |
| 12.5×20 | G20 | 2200 | 0.181 | 0.042 | 0.095 | 1400 | 1800 | 0.176 | 0.042 | 0.095 | 1400 |
| 12.5×25 | G25 | 2700 | 0.148 | 0.034 | 0.076 | 1690 | 2200 | 0.159 | 0.034 | 0.076 | 1690 |
| 12.5×30 | G30 | 3900 | 0.111 | 0.030 | 0.068 | 1950 | 2700 | 0.130 | 0.030 | 0.068 | 1950 |
| 12.5×35 | G35 | 4700 | 0.099 | 0.024 | 0.054 | 2220 | 3300 | 0.116 | 0.024 | 0.054 | 2220 |
| 12.5×40 | G40 | 5600 | 0.089 | 0.021 | 0.047 | 2390 | 3900 | 0.098 | 0.021 | 0.047 | 2390 |
| 16×16 | J16 | • 2700 | 0.148 | 0.046 | 0.10 | 1310 | • 1800 | 0.176 | 0.046 | 0.10 | 1310 |
| 16×20 | J20 | • 4700 | 0.099 | 0.034 | 0.077 | 1660 | • 3300 | 0.116 | 0.034 | 0.077 | 1660 |
| 16×25 | J25 | 5600 | 0.089 | 0.028 | 0.063 | 2070 | 3900 | 0.098 | 0.028 | 0.063 | 2070 |
| 16×31.5 | J31 | 6800 | 0.079 | 0.025 | 0.056 | 2350 | 5600 | 0.080 | 0.025 | 0.056 | 2350 |
| 16×35.5 | J35 | 8200 | 0.073 | 0.022 | 0.050 | 2550 | 6800 | 0.071 | 0.022 | 0.050 | 2550 |
| 16×40 | J40 | 12000 | 0.059 | 0.018 | 0.041 | 2970 | 8200 | 0.067 | 0.018 | 0.041 | 2970 |
| 18×16 | K16 | • 3300 | 0.131 | 0.043 | 0.097 | 1460 | • 2200 | 0.159 | 0.043 | 0.097 | 1460 |
| 18×20 | K20 | • 5600 | 0.089 | 0.030 | 0.068 | 1850 | • 3900 | 0.098 | 0.030 | 0.068 | 1850 |
| 18×25 | K25 | • 6800 | 0.079 | 0.027 | 0.061 | 2120 | • 4700 | 0.089 | 0.027 | 0.061 | 2120 |
| 18×31.5 | K31 | 10000 | 0.064 | 0.023 | 0.052 | 2410 | 6800 | 0.071 | 0.023 | 0.052 | 2410 |
| 18×35.5 | K35 | 12000 | 0.059 | 0.019 | 0.043 | 2680 | 8200 | 0.067 | 0.019 | 0.043 | 2680 |
| 18×40 | K40 | 15000 | 0.054 | 0.017 | 0.038 | 3010 | 10000 | 0.059 | 0.017 | 0.038 | 3010 |

| Rated voltage (V) / Item / Case φD×L (mm) / Size code | | 16 (1E) | | | | | 25 (1T) | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Rated capacitance | ESR | Impedance (Ω max.) | | Rated ripple current | Rated capacitance | ESR | Impedance (Ω max.) | | Rated ripple current |
| | | (μF) | (Ω) | 20℃ | −10℃ | (mArms) | (μF) | (Ω) | 20℃ | −10℃ | (mArms) |
| 5×11.5 | C11 | 56 | 4.74 | 0.65 | 1.46 | 175 | 39 | 5.96 | 0.65 | 1.46 | 175 |
| 6.3×11.5 | D11 | 120 | 2.21 | 0.31 | 0.70 | 290 | 82 | 2.83 | 0.31 | 0.70 | 290 |
| 8×12 | E12 | 270 | 0.983 | 0.17 | 0.38 | 488 | 180 | 1.29 | 0.17 | 0.38 | 488 |
| 8×15 | E15 | 330 | 0.805 | 0.13 | 0.29 | 617 | 220 | 1.06 | 0.13 | 0.29 | 617 |
| 8×20 | E20 | 470 | 0.565 | 0.095 | 0.21 | 800 | 330 | 0.704 | 0.095 | 0.21 | 800 |
| 10×12.5 | F12 | 330 | 0.805 | 0.10 | 0.23 | 625 | 220 | 1.06 | 0.10 | 0.23 | 625 |
| 10×16 | F16 | 390 | 0.681 | 0.080 | 0.18 | 825 | 270 | 0.861 | 0.080 | 0.18 | 825 |
| 10×20 | F20 | 680 | 0.391 | 0.062 | 0.14 | 1010 | 470 | 0.495 | 0.062 | 0.14 | 1010 |
| 10×25 | F25 | 820 | 0.324 | 0.052 | 0.12 | 1190 | 560 | 0.415 | 0.052 | 0.12 | 1190 |
| 10×30 | F30 | 1200 | 0.222 | 0.044 | 0.099 | 1440 | 820 | 0.284 | 0.044 | 0.099 | 1440 |
| 12.5×15 | G15 | • 680 | 0.391 | 0.062 | 0.14 | 1010 | • 470 | 0.495 | 0.062 | 0.14 | 1010 |
| 12.5×20 | G20 | 1200 | 0.222 | 0.042 | 0.095 | 1400 | 820 | 0.284 | 0.042 | 0.095 | 1400 |
| 12.5×25 | G25 | 1500 | 0.177 | 0.034 | 0.076 | 1690 | 1000 | 0.233 | 0.034 | 0.076 | 1690 |
| 12.5×30 | G30 | 2200 | 0.136 | 0.030 | 0.068 | 1950 | 1500 | 0.155 | 0.030 | 0.068 | 1950 |
| 12.5×35 | G35 | 2700 | 0.111 | 0.024 | 0.054 | 2220 | 1800 | 0.130 | 0.024 | 0.054 | 2220 |
| 12.5×40 | G40 | 3300 | 0.101 | 0.021 | 0.047 | 2390 | 2200 | 0.121 | 0.021 | 0.047 | 2390 |
| 16×16 | J16 | • 1500 | 0.177 | 0.046 | 0.10 | 1310 | • 820 | 0.284 | 0.046 | 0.10 | 1310 |
| 16×20 | J20 | • 2200 | 0.136 | 0.034 | 0.077 | 1660 | • 1500 | 0.155 | 0.034 | 0.077 | 1660 |
| 16×25 | J25 | 2700 | 0.111 | 0.028 | 0.063 | 2070 | 1800 | 0.130 | 0.028 | 0.063 | 2070 |
| 16×31.5 | J31 | 3900 | 0.086 | 0.025 | 0.056 | 2350 | 2700 | 0.099 | 0.025 | 0.056 | 2350 |
| 16×35.5 | J35 | 4700 | 0.078 | 0.022 | 0.050 | 2550 | 3300 | 0.091 | 0.022 | 0.050 | 2550 |
| 16×40 | J40 | 5600 | 0.072 | 0.018 | 0.041 | 2970 | 3900 | 0.077 | 0.018 | 0.041 | 2970 |
| 18×16 | K16 | • 1500 | 0.177 | 0.043 | 0.097 | 1460 | • 1200 | 0.194 | 0.043 | 0.097 | 1460 |
| 18×20 | K20 | • 2700 | 0.111 | 0.030 | 0.068 | 1850 | • 1800 | 0.130 | 0.030 | 0.068 | 1850 |
| 18×25 | K25 | • 3900 | 0.086 | 0.027 | 0.061 | 2120 | • 2700 | 0.099 | 0.027 | 0.061 | 2120 |
| 18×31.5 | K31 | 4700 | 0.078 | 0.023 | 0.052 | 2410 | 3300 | 0.091 | 0.023 | 0.052 | 2410 |
| 18×35.5 | K35 | 6800 | 0.064 | 0.019 | 0.043 | 2680 | 3900 | 0.077 | 0.019 | 0.043 | 2680 |
| 18×40 | K40 | 8200 | 0.061 | 0.017 | 0.038 | 3010 | 4700 | 0.071 | 0.017 | 0.038 | 3010 |

(Note) Rated ripple current : 105℃, 100kHz ; ESR. : 20℃, 120Hz ; Impedance : 100kHz

• : The black circles in the capacitance column denote semi-standard products.

NOTE : Design, Specifications are subject to change without notice.
It is recommended that you shall obtain technical specifications
from ELNA to ensure that the component is suitable for your use.

Code in front of series have been extracted from product code, which describes the segment of products, such as type and features.

## Standard Ratings

| Rated voltage (V) / Case Size φD×L (mm) | Item code | 35 (1G) Rated capacitance (μF) | ESR (Ω) | Impedance (Ω max.) 20℃ | Impedance (Ω max.) −10℃ | Rated ripple current (mArms) | 50 (1U) Rated capacitance (μF) | ESR (Ω) | Impedance (Ω max.) 20℃ | Impedance (Ω max.) −10℃ | Rated ripple current (mArms) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 5×11.5 | C11 | — | — | — | — | — | 1 | 166 | 3.5 | 7.0 | 36 |
| 5×11.5 | C11 | — | — | — | — | — | 2.2 | 75.4 | 3.0 | 6.0 | 54 |
| 5×11.5 | C11 | — | — | — | — | — | 3.3 | 50.3 | 2.6 | 5.2 | 63 |
| 5×11.5 | C11 | — | — | — | — | — | 4.7 | 35.3 | 2.2 | 4.4 | 75 |
| 5×11.5 | C11 | — | — | — | — | — | 10 | 16.6 | 1.4 | 2.8 | 110 |
| 5×11.5 | C11 | 27 | 7.37 | 0.65 | 1.46 | 175 | 18 | 9.22 | 0.95 | 1.9 | 120 |
| 6.3×11.5 | D11 | 56 | 3.56 | 0.31 | 0.70 | 290 | 39 | 4.25 | 0.43 | 0.86 | 148 |
| 8×12 | E12 | 120 | 1.66 | 0.17 | 0.38 | 488 | 68 | 2.44 | 0.20 | 0.40 | 360 |
| 8×15 | E15 | 180 | 1.11 | 0.13 | 0.29 | 617 | 82 | 2.02 | 0.18 | 0.36 | 460 |
| 8×20 | E20 | 220 | 0.905 | 0.095 | 0.21 | 800 | 120 | 1.38 | 0.13 | 0.26 | 670 |
| 10×12.5 | F12 | 150 | 1.33 | 0.10 | 0.23 | 625 | 82 | 2.02 | 0.18 | 0.36 | 443 |
| 10×16 | F16 | 180 | 1.11 | 0.080 | 0.18 | 825 | 100 | 1.66 | 0.15 | 0.30 | 553 |
| 10×20 | F20 | 330 | 0.604 | 0.062 | 0.14 | 1010 | 180 | 0.922 | 0.085 | 0.17 | 676 |
| 10×25 | F25 | 390 | 0.511 | 0.052 | 0.12 | 1190 | 220 | 0.754 | 0.075 | 0.15 | 876 |
| 10×30 | F30 | 560 | 0.356 | 0.044 | 0.099 | 1440 | 330 | 0.503 | 0.055 | 0.11 | 1010 |
| 12.5×15 | G15 | • 330 | 0.604 | 0.062 | 0.140 | 1010 | • 180 | 0.922 | 0.095 | 0.19 | 745 |
| 12.5×20 | G20 | 560 | 0.356 | 0.042 | 0.095 | 1400 | 330 | 0.503 | 0.060 | 0.12 | 979 |
| 12.5×25 | G25 | 680 | 0.293 | 0.034 | 0.076 | 1690 | 470 | 0.353 | 0.044 | 0.088 | 1180 |
| 12.5×30 | G30 | 1000 | 0.200 | 0.030 | 0.068 | 1950 | 560 | 0.297 | 0.040 | 0.080 | 1310 |
| 12.5×35 | G35 | 1200 | 0.166 | 0.024 | 0.054 | 2220 | 680 | 0.244 | 0.036 | 0.072 | 1470 |
| 12.5×40 | G40 | 1500 | 0.133 | 0.021 | 0.047 | 2390 | 820 | 0.203 | 0.034 | 0.068 | 1590 |
| 16×16 | J16 | • 560 | 0.356 | 0.046 | 0.10 | 1310 | • 330 | 0.503 | 0.065 | 0.13 | 982 |
| 16×20 | J20 | • 1000 | 0.200 | 0.034 | 0.077 | 1660 | • 680 | 0.244 | 0.045 | 0.090 | 1210 |
| 16×25 | J25 | 1200 | 0.166 | 0.028 | 0.063 | 2070 | 820 | 0.203 | 0.038 | 0.076 | 1490 |
| 16×31.5 | J31 | 1800 | 0.111 | 0.025 | 0.056 | 2350 | 1000 | 0.166 | 0.032 | 0.064 | 1890 |
| 16×35.5 | J35 | 2200 | 0.106 | 0.022 | 0.050 | 2550 | 1200 | 0.139 | 0.028 | 0.056 | 2140 |
| 16×40 | J40 | 2700 | 0.087 | 0.018 | 0.041 | 2970 | 1500 | 0.111 | 0.026 | 0.052 | 2410 |
| 18×16 | K16 | • 680 | 0.293 | 0.043 | 0.097 | 1460 | • 470 | 0.353 | 0.048 | 0.096 | 1180 |
| 18×20 | K20 | • 1200 | 0.166 | 0.030 | 0.068 | 1850 | • 820 | 0.203 | 0.036 | 0.072 | 1450 |
| 18×25 | K25 | • 1800 | 0.111 | 0.027 | 0.061 | 2120 | • 1000 | 0.166 | 0.032 | 0.064 | 1720 |
| 18×31.5 | K31 | 2200 | 0.106 | 0.023 | 0.052 | 2410 | 1500 | 0.111 | 0.026 | 0.052 | 1970 |
| 18×35.5 | K35 | 2700 | 0.087 | 0.019 | 0.043 | 2680 | 1800 | 0.074 | 0.025 | 0.050 | 2310 |
| 18×40 | K40 | 3300 | 0.081 | 0.017 | 0.038 | 3010 | 2200 | 0.073 | 0.024 | 0.048 | 2530 |

| Rated voltage (V) / Case Size φD×L (mm) | Item code | 63 (4E) Rated capacitance (μF) | ESR (Ω) | Impedance (Ω max.) 20℃ | Impedance (Ω max.) −10℃ | Rated ripple current (mArms) | 100 (1H) Rated capacitance (μF) | ESR (Ω) | Impedance (Ω max.) 20℃ | Impedance (Ω max.) −10℃ | Rated ripple current (mArms) |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 5×11.5 | C11 | 12 | 11.1 | 1.2 | 3.6 | 120 | 5.6 | 20.7 | 1.9 | 7.6 | 57 |
| 6.3×11.5 | D11 | 27 | 4.92 | 0.55 | 1.7 | 148 | 12 | 9.68 | 1.1 | 4.4 | 78 |
| 8×12 | E12 | 47 | 2.82 | 0.32 | 0.96 | 360 | 22 | 5.28 | 0.53 | 2.1 | 275 |
| 8×15 | E15 | 68 | 1.95 | 0.24 | 0.72 | 469 | 33 | 3.52 | 0.35 | 1.4 | 360 |
| 8×20 | E20 | 82 | 1.62 | 0.17 | 0.51 | 682 | 39 | 2.98 | 0.27 | 1.1 | 490 |
| 10×12.5 | F12 | 56 | 2.37 | 0.23 | 0.69 | 448 | 27 | 4.30 | 0.47 | 1.9 | 319 |
| 10×16 | F16 | 68 | 1.95 | 0.17 | 0.51 | 553 | 33 | 3.52 | 0.32 | 1.3 | 424 |
| 10×20 | F20 | 120 | 1.11 | 0.12 | 0.36 | 676 | 56 | 2.07 | 0.25 | 1.0 | 499 |
| 10×25 | F25 | 150 | 0.885 | 0.10 | 0.30 | 876 | 68 | 1.71 | 0.18 | 0.72 | 634 |
| 10×30 | F30 | 180 | 0.738 | 0.085 | 0.26 | 1020 | 100 | 1.16 | 0.15 | 0.60 | 739 |
| 12.5×15 | G15 | • 150 | 0.885 | 0.11 | 0.33 | 745 | • 68 | 1.71 | 0.20 | 0.80 | 613 |
| 12.5×20 | G20 | 220 | 0.604 | 0.075 | 0.23 | 979 | 100 | 1.16 | 0.13 | 0.52 | 805 |
| 12.5×25 | G25 | 270 | 0.492 | 0.065 | 0.20 | 1180 | 120 | 0.968 | 0.11 | 0.44 | 857 |
| 12.5×30 | G30 | 390 | 0.341 | 0.055 | 0.17 | 1310 | 180 | 0.646 | 0.090 | 0.36 | 1120 |
| 12.5×35 | G35 | 470 | 0.283 | 0.048 | 0.14 | 1470 | 220 | 0.528 | 0.075 | 0.30 | 1240 |
| 12.5×40 | G40 | 560 | 0.237 | 0.042 | 0.13 | 1590 | 270 | 0.431 | 0.060 | 0.24 | 1330 |
| 16×16 | J16 | • 220 | 0.604 | 0.080 | 0.24 | 982 | • 120 | 0.968 | 0.13 | 0.52 | 706 |
| 16×20 | J20 | • 390 | 0.341 | 0.057 | 0.17 | 1210 | • 180 | 0.646 | 0.11 | 0.44 | 916 |
| 16×25 | J25 | 470 | 0.283 | 0.052 | 0.16 | 1490 | 220 | 0.528 | 0.081 | 0.32 | 1290 |
| 16×31.5 | J31 | 680 | 0.196 | 0.042 | 0.13 | 1890 | 330 | 0.352 | 0.059 | 0.23 | 1630 |
| 16×35.5 | J35 | 820 | 0.162 | 0.036 | 0.11 | 2140 | 390 | 0.298 | 0.052 | 0.21 | 1750 |
| 16×40 | J40 | 1000 | 0.133 | 0.032 | 0.096 | 2410 | 470 | 0.248 | 0.045 | 0.18 | 1920 |
| 18×16 | K16 | • 330 | 0.403 | 0.065 | 0.20 | 1200 | • 150 | 0.775 | 0.12 | 0.48 | 871 |
| 18×20 | K20 | • 470 | 0.237 | 0.058 | 0.17 | 1460 | • 270 | 0.431 | 0.085 | 0.34 | 1170 |
| 18×25 | K25 | • 680 | 0.196 | 0.050 | 0.15 | 1740 | • 330 | 0.352 | 0.071 | 0.28 | 1500 |
| 18×31.5 | K31 | 820 | 0.162 | 0.042 | 0.13 | 1990 | 390 | 0.298 | 0.058 | 0.23 | 1630 |
| 18×35.5 | K35 | 1000 | 0.133 | 0.035 | 0.11 | 2340 | 560 | 0.208 | 0.054 | 0.22 | 1920 |
| 18×40 | K40 | 1200 | 0.111 | 0.032 | 0.096 | 2560 | 680 | 0.171 | 0.041 | 0.16 | 2100 |

(Note) Rated ripple current : 105°C, 100kHz ; ESR. : 20°C, 120Hz ; Impedance : 100kHz

• : The black circles in the capacitance column denote semi-standard products.

NOTE : Design, Specifications are subject to change without notice.
It is recommended that you shall obtain technical specifications
from ELNA to ensure that the component is suitable for your use.