

## Radial Lead Type

Series : **FC** Type : **A**



### Features

- Endurance : 105 °C 1000 h to 5000 h
- Low impedance
- RoHS compliant

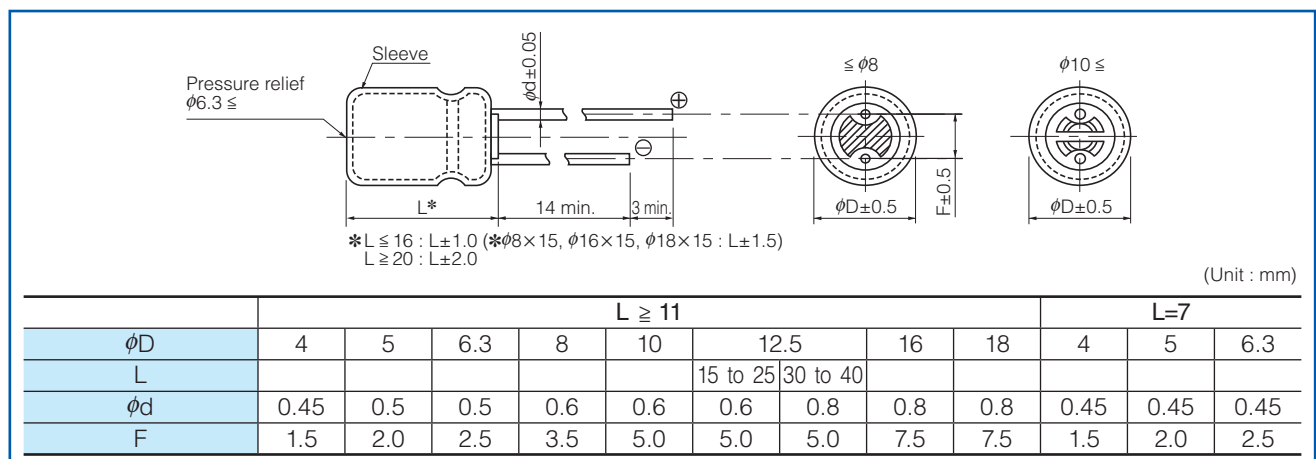
### Specifications

|  |   |                                   |      |      |      |      |      |      |      |                 |
|--|---|-----------------------------------|------|------|------|------|------|------|------|-----------------|
| Category temperature range                                   | -55 °C to +105 °C   |                                   |      |      |      |      |      |      |      |                 |
| Rated voltage range  | 6.3 V.DC to 100 V.DC  |                                   |      |      |      |      |      |      |      |                 |
| Capacitance range  | 2.2 μF to 15000 μF  |                                   |      |      |      |      |      |      |      |                 |
| Capacitance tolerance  | ±20 % (120 Hz/+20 °C)   |                                   |      |      |      |      |      |      |      |                 |
| Leakage current  | I ≤ 0.01 CV or 3 (μA) After 2 minutes (Whichever is greater)  |                                   |      |      |      |      |      |      |      |                 |
| Dissipation factor (tan δ)                                   | V.DC  | 6.3                               | 10   | 16   | 25   | 35   | 50   | 63   | 100  | (120 Hz/+20 °C) |
|  | tan δ   | 0.22                              | 0.19 | 0.16 | 0.14 | 0.12 | 0.10 | 0.08 | 0.07 |                 |
| For capacitance value ≥ 1000 μF, add 0.02 per every 1000 μF. |   |                                   |      |      |      |      |      |      |      |                 |
| Endurance  | After following life test with DC voltage and +105 °C±2 °C ripple current value applied (The sum of DC and ripple peak voltage shall not exceed the rated working voltage) when the capacitors are restored to 20 °C, the capacitors shall meet the limits specified below.<br>Duration : φ4 to φ6.3 : 1000 hours, φ8 : 2000 hours, φ10 : 3000 hours, φ12.5 to φ18 : 5000 hours |                                   |      |      |      |      |      |      |      |                 |
|  | Capacitance change  | Within ±20 % of the initial value |      |      |      |      |      |      |      |                 |
|  | tan δ   | ≤ 200 % of the initial limit      |      |      |      |      |      |      |      |                 |
|  | DC leakage current  | Within the initial limit          |      |      |      |      |      |      |      |                 |
| Shelf life   | After storage for 1000 hours at +105 °C±2 °C with no voltage applied and then being stabilized at +20 °C, capacitors shall meet the limits specified in Endurance. (With voltage treatment)   |                                   |      |      |      |      |      |      |      |                 |
| AEC-Q200   | AEC-Q200 compliant  |                                   |      |      |      |      |      |      |      |                 |

### Frequency correction factor for ripple current

| Rated voltage (V.DC) | Capacitance (μF) | Frequency (Hz) |      |      |      |       |
|----------------------|------------------|----------------|------|------|------|-------|
|                      |                  | 60             | 120  | 1 k  | 10 k | 100 k |
| 6.3 to 100           | 2.2 to 330       | 0.55           | 0.65 | 0.85 | 0.90 | 1.00  |
|                      | 390 to 1000      | 0.70           | 0.75 | 0.90 | 0.95 | 1.00  |
|                      | 1200 to 2200     | 0.75           | 0.80 | 0.90 | 0.95 | 1.00  |
|                      | 2700 to 15000    | 0.80           | 0.85 | 0.95 | 1.00 | 1.00  |

### Dimensions



## Case size/ Impedance/ Ripple current

| Rated voltage<br>(V.DC) | 6.3 V.DC to 35 V.DC        |        |  | 50 V.DC                    |        |  | 63 V.DC                    |        |  | 100 V.DC                   |        |  |
|-------------------------|----------------------------|--------|--|----------------------------|--------|--|----------------------------|--------|--|----------------------------|--------|--|
|                         | Impedance<br>(Ω)/(100 kHz) |        | Ripple<br>current<br>(mA r.m.s.)<br>/(100 kHz) | Impedance<br>(Ω)/(100 kHz) |        | Ripple<br>current<br>(mA r.m.s.)<br>/(100 kHz) | Impedance<br>(Ω)/(100 kHz) |        | Ripple<br>current<br>(mA r.m.s.)<br>/(100 kHz) | Impedance<br>(Ω)/(100 kHz) |        | Ripple<br>current<br>(mA r.m.s.)<br>/(100 kHz) |
|                         | 20 °C                      | -10 °C |  | 20 °C                      | -10 °C |  | 20 °C                      | -10 °C |  | 20 °C                      | -10 °C |  |
| 4 × 7                   | 2.00                       | 5.00   | 65   |                            |        |  |                            |        |  |                            |        |  |
| 5 × 7                   | 0.950                      | 2.40   | 120  |                            |        |  |                            |        |  |                            |        |  |
| 6.3 × 7                 | 0.450                      | 1.20   | 200  |                            |        |  |                            |        |  |                            |        |  |
| 5 × 11                  | 0.800                      | 1.60   | 175  | *                          | *      | *  | 2.00                       | 4.00   | 145  | 4.10                       | 8.20   | 80   |
| 6.3 × 11.2              | 0.350                      | 0.700  | 290  | 0.600                      | 1.20   | 260  | 1.00                       | 2.00   | 240  | 1.80                       | 3.60   | 114  |
| 8 × 11.5                | 0.117                      | 0.234  | 555  | 0.234                      | 0.468  | 485  | 0.342                      | 0.684  | 405  | 0.680                      | 1.36   | 260  |
| 8 × 15                  | 0.085                      | 0.170  | 730  | 0.155                      | 0.310  | 635  | 0.230                      | 0.460  | 535  | 0.450                      | 0.900  | 340  |
| 8 × 20                  | 0.065                      | 0.130  | 995  | 0.120                      | 0.240  | 860  | 0.178                      | 0.356  | 690  | 0.330                      | 0.660  | 455  |
| 10 × 12.5               | 0.090                      | 0.180  | 755  | 0.162                      | 0.324  | 615  | 0.256                      | 0.512  | 535  | 0.530                      | 1.06   | 306  |
| 10 × 16                 | 0.068                      | 0.136  | 1050   | 0.119                      | 0.238  | 850  | 0.194                      | 0.388  | 600  | 0.360                      | 0.720  | 400  |
| 10 × 20                 | 0.052                      | 0.104  | 1220   | 0.090                      | 0.180  | 1030   | 0.147                      | 0.294  | 885  | 0.240                      | 0.480  | 463  |
| 10 × 25                 | 0.045                      | 0.090  | 1440   | 0.082                      | 0.164  | 1200   | 0.130                      | 0.260  | 1050   | 0.210                      | 0.420  | 599  |
| 10 × 30                 | 0.035                      | 0.070  | 1815   | 0.060                      | 0.120  | 1610   | 0.090                      | 0.180  | 1300   | 0.150                      | 0.300  | 698  |
| 12.5 × 15               | 0.065                      | 0.130  | 1205   | 0.110                      | 0.220  | 1150   | 0.150                      | 0.300  | 1020   | 0.230                      | 0.460  | 511  |
| 12.5 × 20               | 0.038                      | 0.076  | 1655   | 0.063                      | 0.126  | 1480   | 0.085                      | 0.170  | 1285   | 0.180                      | 0.360  | 671  |
| 12.5 × 25               | 0.030                      | 0.060  | 1945   | 0.050                      | 0.100  | 1832   | 0.070                      | 0.140  | 1720   | 0.110                      | 0.220  | 807  |
| 12.5 × 30               | 0.025                      | 0.050  | 2310   | 0.040                      | 0.080  | 2215   | 0.055                      | 0.110  | 2090   | 0.098                      | 0.196  | 937  |
| 12.5 × 35               | 0.022                      | 0.044  | 2510   | 0.034                      | 0.068  | 2285   | 0.047                      | 0.094  | 2265   | 0.087                      | 0.174  | 1040   |
| 12.5 × 40               | 0.018                      | 0.036  | 2655   | 0.030                      | 0.060  | 2590   | 0.042                      | 0.084  | 2560   | 0.072                      | 0.144  | 1130   |
| 16 × 15                 | 0.043                      | 0.086  | 1690   | 0.080                      | 0.160  | 1610   | 0.090                      | 0.180  | 1410   | 0.140                      | 0.280  | 793  |
| 16 × 20                 | 0.029                      | 0.058  | 2205   | 0.048                      | 0.096  | 1835   | 0.059                      | 0.118  | 1765   | 0.110                      | 0.220  | 995  |
| 16 × 25                 | 0.022                      | 0.044  | 2555   | 0.034                      | 0.068  | 2235   | 0.050                      | 0.100  | 2160   | 0.089                      | 0.178  | 1170   |
| 16 × 31.5               | 0.018                      | 0.036  | 3010   | 0.028                      | 0.056  | 2700   | 0.043                      | 0.086  | 2670   | 0.062                      | 0.124  | 1520   |
| 16 × 35.5               | 0.016                      | 0.032  | 3150   | 0.025                      | 0.050  | 2790   | 0.036                      | 0.072  | 2770   | 0.053                      | 0.106  | 1730   |
| 16 × 40                 | 0.015                      | 0.030  | 3360   | 0.023                      | 0.046  | 2845   | 0.030                      | 0.060  | 2825   | 0.047                      | 0.094  | 1920   |
| 18 × 15                 | 0.038                      | 0.076  | 2000   | 0.068                      | 0.136  | 1900   | 0.086                      | 0.172  | 1690   | 0.120                      | 0.240  | 917  |
| 18 × 20                 | 0.028                      | 0.056  | 2490   | 0.042                      | 0.084  | 2420   | 0.055                      | 0.110  | 2290   | 0.080                      | 0.160  | 1230   |
| 18 × 25                 | 0.020                      | 0.040  | 2740   | 0.029                      | 0.058  | 2610   | 0.043                      | 0.086  | 2585   | 0.070                      | 0.140  | 1420   |
| 18 × 31.5               | 0.016                      | 0.032  | 3635   | 0.025                      | 0.050  | 3000   | 0.032                      | 0.064  | 2950   | 0.062                      | 0.124  | 1600   |
| 18 × 35.5               | 0.015                      | 0.030  | 3680   | 0.023                      | 0.046  | 3100   | 0.030                      | 0.060  | 3095   | 0.041                      | 0.082  | 1770   |
| 18 × 40                 | 0.014                      | 0.028  | 3735   | -                          | -      | -  | 0.025                      | 0.050  | 3205   | 0.036                      | 0.072  | 2300   |

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| Case size (mm)<br>(φD×L) | Capacitance<br>(μF) | Impedance (Ω)/(100 kHz) |        | Ripple current<br>(mA r.m.s.)/(100 kHz) |
|--------------------------|---------------------|-------------------------|--------|---|
|                          |                     | 20 °C                   | -10 °C |   |
| 5 × 11                   | 1.0                 | 2.40                    | 4.80   | 20                                      |
|                          | 2.2                 | 1.80                    | 3.60   | 45                                      |
|                          | 3.3                 | 1.30                    | 2.60   | 65                                      |
|                          | 4.7                 | 1.30                    | 2.60   | 95                                      |
|                          | 10                  | 1.30                    | 2.60   | 125                                     |
|                          | 12                  | 1.30                    | 2.60   | 135                                     |
|                          | 15                  | 1.30                    | 2.60   | 145                                     |
|                          | 18                  | 1.30                    | 2.60   | 155                                     |
|                          | 22                  | 1.30                    | 2.60   | 155                                     |

## Characteristics list

Endurance : 105 °C  $\phi$ 4 to  $\phi$ 6.3=1000 h,  $\phi$ 8=2000 h,  $\phi$ 10=3000 h,  $\phi$ 12.5 to  $\phi$ 18=5000 h

| Rated voltage (V.DC) | Cap. ( $\pm 20\%$ ) ( $\mu$ F) | Case size (mm) |      | Specification                                  |   |                   | Lead length (mm)   |            |           | Part No.       | Min. Packaging Q'ty  |              |           |
|----------------------|--------------------------------|----------------|------|--|---|-------------------|--------------------|------------|-----------|----------------|----------------------|--------------|-----------|
|                      |                                | $\phi$ D       | L    | Ripple current (100 kHz) (+105 °C) (mA r.m.s.) | Impedance (100 kHz) (+20 °C) ( $\Omega$ ) | Endurance (hours) | Lead dia. $\phi$ d | Lead space |           |                | Straight leads (pcs) | Taping (pcs) |           |
|                      |                                |                |      |  |   |                   |                    | Straight   | Taping *B |                |                      |              | Taping *H |
| 6.3                  | 27                             | 4              | 7    | 65   | 2.000                                     | 1000              | 0.45               | 1.5        | 5.0       | 2.5            | EEAFC0J270( )        | 200          | 2000      |
|                      | 56                             | 5              | 7    | 120  | 0.950                                     | 1000              | 0.45               | 2.0        | 5.0       | 2.5            | EEAFC0J560( )        | 200          | 2000      |
|                      | 100                            | 5              | 11   | 175  | 0.800                                     | 1000              | 0.50               | 2.0        | 5.0       | 2.5            | EEUFC0J101( )        | 200          | 2000      |
|                      | 120                            | 6.3            | 7    | 200  | 0.450                                     | 1000              | 0.45               | 2.5        | 5.0       | 2.5            | EEAFC0J121( )        | 200          | 2000      |
|                      | 220                            | 6.3            | 11.2 | 290  | 0.350                                     | 1000              | 0.50               | 2.5        | 5.0       | 2.5            | EEUFC0J221( )        | 200          | 2000      |
|                      | 270                            | 6.3            | 11.2 | 290  | 0.350                                     | 1000              | 0.50               | 2.5        | 5.0       | 2.5            | EEUFC0J271( )        | 200          | 2000      |
|                      | 330                            | 6.3            | 11.2 | 290  | 0.350                                     | 1000              | 0.50               | 2.5        | 5.0       | 2.5            | EEUFC0J331S( )       | 200          | 2000      |
|                      | 390                            | 8              | 11.5 | 555  | 0.117                                     | 2000              | 0.60               | 3.5        | 5.0       |                | EEUFC0J391( )        | 200          | 1000      |
|                      | 470                            | 8              | 11.5 | 555  | 0.117                                     | 2000              | 0.60               | 3.5        | 5.0       |                | EEUFC0J471( )        | 200          | 1000      |
|                      | 560                            | 8              | 11.5 | 555  | 0.117                                     | 2000              | 0.60               | 3.5        | 5.0       |                | EEUFC0J561( )        | 200          | 1000      |
|                      | 820                            | 8              | 15   | 730  | 0.085                                     | 2000              | 0.60               | 3.5        | 5.0       |                | EEUFC0J821L( )       | 200          | 1000      |
|                      |                                | 10             | 12.5 | 755  | 0.090                                     | 3000              | 0.60               | 5.0        | 5.0       |                | EEUFC0J821( )        | 200          | 500       |
|                      | 1000                           | 10             | 12.5 | 755  | 0.090                                     | 3000              | 0.60               | 5.0        | 5.0       |                | EEUFC0J102( )        | 200          | 500       |
|                      | 1200                           | 8              | 20   | 995  | 0.065                                     | 2000              | 0.60               | 3.5        | 5.0       |                | EEUFC0J122L( )       | 200          | 1000      |
|                      |                                | 10             | 16   | 1050   | 0.068                                     | 3000              | 0.60               | 5.0        | 5.0       |                | EEUFC0J122( )        | 200          | 500       |
|                      | 1500                           | 10             | 20   | 1220   | 0.052                                     | 3000              | 0.60               | 5.0        | 5.0       |                | EEUFC0J152( )        | 200          | 500       |
|                      |                                | 12.5           | 15   | 1205   | 0.065                                     | 5000              | 0.60               | 5.0        | 5.0       |                | EEUFC0J152S( )       | 200          | 500       |
|                      | 1800                           | 10             | 25   | 1440   | 0.045                                     | 3000              | 0.60               | 5.0        | 5.0       |                | EEUFC0J182( )        | 200          | 500       |
|                      | 2200                           | 10             | 25   | 1440   | 0.045                                     | 3000              | 0.60               | 5.0        | 5.0       |                | EEUFC0J222( )        | 200          | 500       |
|                      |                                | 16             | 15   | 1690   | 0.043                                     | 5000              | 0.80               | 7.5        | 7.5       |                | EEUFC0J222S( )       | 100          | 250       |
|                      | 2700                           | 10             | 30   | 1815   | 0.035                                     | 3000              | 0.60               | 5.0        |           |                | EEUFC0J272L          | 100          |           |
|                      |                                | 12.5           | 20   | 1655   | 0.038                                     | 5000              | 0.60               | 5.0        | 5.0       |                | EEUFC0J272( )        | 200          | 500       |
|                      |                                | 16             | 15   | 1690   | 0.043                                     | 5000              | 0.80               | 7.5        | 7.5       |                | EEUFC0J272S( )       | 100          | 250       |
|                      | 3300                           | 12.5           | 20   | 1655   | 0.038                                     | 5000              | 0.60               | 5.0        | 5.0       |                | EEUFC0J332( )        | 200          | 500       |
|                      |                                | 18             | 15   | 2000   | 0.038                                     | 5000              | 0.80               | 7.5        | 7.5       |                | EEUFC0J332S( )       | 100          | 250       |
|                      | 3900                           | 12.5           | 25   | 1945   | 0.030                                     | 5000              | 0.60               | 5.0        | 5.0       |                | EEUFC0J392( )        | 200          | 500       |
|                      | 4700                           | 12.5           | 30   | 2310   | 0.025                                     | 5000              | 0.80               | 5.0        |           |                | EEUFC0J472           | 100          |           |
| 16                   |                                | 20             | 2205 | 0.029  | 5000                                      | 0.80              | 7.5                | 7.5        |           | EEUFC0J472S( ) | 100                  | 250          |           |
| 5600                 | 12.5                           | 35             | 2510 | 0.022  | 5000                                      | 0.80              | 5.0                |            |           | EEUFC0J562L    | 100                  |              |           |
|                      | 16                             | 20             | 2205 | 0.029  | 5000                                      | 0.80              | 7.5                | 7.5        |           | EEUFC0J562( )  | 100                  | 250          |           |
| 6800                 | 12.5                           | 40             | 2655 | 0.018  | 5000                                      | 0.80              | 5.0                |            |           | EEUFC0J682L    | 100                  |              |           |
|                      | 16                             | 25             | 2555 | 0.022  | 5000                                      | 0.80              | 7.5                | 7.5        |           | EEUFC0J682( )  | 100                  | 250          |           |
|                      | 18                             | 20             | 2490 | 0.028  | 5000                                      | 0.80              | 7.5                | 7.5        |           | EEUFC0J682S( ) | 100                  | 250          |           |
| 8200                 | 16                             | 31.5           | 3010 | 0.018  | 5000                                      | 0.80              | 7.5                |            |           | EEUFC0J822     | 100                  |              |           |
| 10000                | 16                             | 35.5           | 3150 | 0.016  | 5000                                      | 0.80              | 7.5                |            |           | EEUFC0J103     | 100                  |              |           |
|                      | 18                             | 25             | 2740 | 0.020  | 5000                                      | 0.80              | 7.5                | 7.5        |           | EEUFC0J103S( ) | 100                  | 250          |           |
| 12000                | 16                             | 40             | 3360 | 0.015  | 5000                                      | 0.80              | 7.5                |            |           | EEUFC0J123L    | 100                  |              |           |
|                      | 18                             | 31.5           | 3635 | 0.016  | 5000                                      | 0.80              | 7.5                |            |           | EEUFC0J123     | 50                   |              |           |
| 15000                | 18                             | 35.5           | 3680 | 0.015  | 5000                                      | 0.80              | 7.5                |            |           | EEUFC0J153     | 50                   |              |           |

- When requesting taped product, please put the letter "B" or "H" between the "( )". Lead wire pitch \*B=5 mm, 7.5 mm, H=2.5 mm.
- Please refer to the page of "Taping dimensions".

## Characteristics list

Endurance : 105 °C  $\phi$ 4 to  $\phi$ 6.3=1000 h,  $\phi$ 8=2000 h,  $\phi$ 10=3000 h,  $\phi$ 12.5 to  $\phi$ 18=5000 h

| Rated voltage (V.DC) | Cap. ( $\pm 20\%$ ) ( $\mu$ F) | Case size (mm) |      | Specification                                  |   |                   | Lead length (mm)   |            |           | Part No.       | Min. Packaging Q'ty  |              |           |
|----------------------|--------------------------------|----------------|------|--|---|-------------------|--------------------|------------|-----------|----------------|----------------------|--------------|-----------|
|                      |                                | $\phi$ D       | L    | Ripple current (100 kHz) (+105 °C) (mA r.m.s.) | Impedance (100 kHz) (+20 °C) ( $\Omega$ ) | Endurance (hours) | Lead dia. $\phi$ d | Lead space |           |                | Straight leads (pcs) | Taping (pcs) |           |
|                      |                                |                |      |  |   |                   |                    | Straight   | Taping *B |                |                      |              | Taping *H |
| 10                   | 22                             | 4              | 7    | 65   | 2.000                                     | 1000              | 0.45               | 1.5        | 5.0       | 2.5            | EEAFC1A220( )        | 200          | 2000      |
|                      | 39                             | 5              | 7    | 120  | 0.950                                     | 1000              | 0.45               | 2.0        | 5.0       | 2.5            | EEAFC1A390( )        | 200          | 2000      |
|                      | 82                             | 5              | 11   | 175  | 0.800                                     | 1000              | 0.50               | 2.0        | 5.0       | 2.5            | EEUFC1A820( )        | 200          | 2000      |
|                      |                                | 6.3            | 7    | 200  | 0.450                                     | 1000              | 0.45               | 2.5        | 5.0       | 2.5            | EEAFC1A820( )        | 200          | 2000      |
|                      | 100                            | 5              | 11   | 175  | 0.800                                     | 1000              | 0.50               | 2.0        | 5.0       | 2.5            | EEUFC1A101S( )       | 200          | 2000      |
|                      | 150                            | 6.3            | 11.2 | 290  | 0.350                                     | 1000              | 0.50               | 2.5        | 5.0       | 2.5            | EEUFC1A151( )        | 200          | 2000      |
|                      | 180                            | 6.3            | 11.2 | 290  | 0.350                                     | 1000              | 0.50               | 2.5        | 5.0       | 2.5            | EEUFC1A181( )        | 200          | 2000      |
|                      | 220                            | 6.3            | 11.2 | 290  | 0.350                                     | 1000              | 0.50               | 2.5        | 5.0       | 2.5            | EEUFC1A221S( )       | 200          | 2000      |
|                      | 330                            | 8              | 11.5 | 555  | 0.117                                     | 2000              | 0.60               | 3.5        | 5.0       |                | EEUFC1A331( )        | 200          | 1000      |
|                      | 390                            | 8              | 11.5 | 555  | 0.117                                     | 2000              | 0.60               | 3.5        | 5.0       |                | EEUFC1A391( )        | 200          | 1000      |
|                      | 470                            | 8              | 11.5 | 555  | 0.117                                     | 2000              | 0.60               | 3.5        | 5.0       |                | EEUFC1A471( )        | 200          | 1000      |
|                      | 560                            | 10             | 12.5 | 755  | 0.090                                     | 3000              | 0.60               | 5.0        | 5.0       |                | EEUFC1A561( )        | 200          | 500       |
|                      | 680                            | 8              | 15   | 730  | 0.085                                     | 2000              | 0.60               | 3.5        | 5.0       |                | EEUFC1A681L( )       | 200          | 1000      |
|                      |                                | 10             | 12.5 | 755  | 0.090                                     | 3000              | 0.60               | 5.0        | 5.0       |                | EEUFC1A681( )        | 200          | 500       |
|                      | 820                            | 10             | 16   | 1050   | 0.068                                     | 3000              | 0.60               | 5.0        | 5.0       |                | EEUFC1A821( )        | 200          | 500       |
|                      | 1000                           | 8              | 20   | 995  | 0.065                                     | 2000              | 0.60               | 3.5        | 5.0       |                | EEUFC1A102L( )       | 200          | 1000      |
|                      |                                | 10             | 16   | 1050   | 0.068                                     | 3000              | 0.60               | 5.0        | 5.0       |                | EEUFC1A102( )        | 200          | 500       |
|                      | 1200                           | 10             | 20   | 1220   | 0.052                                     | 3000              | 0.60               | 5.0        | 5.0       |                | EEUFC1A122( )        | 200          | 500       |
|                      |                                | 12.5           | 15   | 1205   | 0.065                                     | 5000              | 0.60               | 5.0        | 5.0       |                | EEUFC1A122S( )       | 200          | 500       |
|                      | 1500                           | 10             | 25   | 1440   | 0.045                                     | 3000              | 0.60               | 5.0        | 5.0       |                | EEUFC1A152( )        | 200          | 500       |
|                      | 1800                           | 12.5           | 20   | 1655   | 0.038                                     | 5000              | 0.60               | 5.0        | 5.0       |                | EEUFC1A182( )        | 200          | 500       |
|                      |                                | 16             | 15   | 1690   | 0.043                                     | 5000              | 0.80               | 7.5        | 7.5       |                | EEUFC1A182S( )       | 100          | 250       |
|                      | 2200                           | 10             | 30   | 1815   | 0.035                                     | 3000              | 0.60               | 5.0        |           |                | EEUFC1A222L          | 100          |           |
|                      |                                | 12.5           | 20   | 1655   | 0.038                                     | 5000              | 0.60               | 5.0        | 5.0       |                | EEUFC1A222( )        | 200          | 500       |
|                      | 2700                           | 12.5           | 25   | 1945   | 0.030                                     | 5000              | 0.60               | 5.0        | 5.0       |                | EEUFC1A272( )        | 200          | 500       |
|                      |                                | 18             | 15   | 2000   | 0.038                                     | 5000              | 0.80               | 7.5        | 7.5       |                | EEUFC1A272S( )       | 100          | 250       |
|                      | 3300                           | 12.5           | 30   | 2310   | 0.025                                     | 5000              | 0.80               | 5.0        |           |                | EEUFC1A332           | 100          |           |
|                      |                                | 16             | 20   | 2205   | 0.029                                     | 5000              | 0.80               | 7.5        | 7.5       |                | EEUFC1A332S( )       | 100          | 250       |
|                      | 3900                           | 12.5           | 35   | 2510   | 0.022                                     | 5000              | 0.80               | 5.0        |           |                | EEUFC1A392L          | 100          |           |
|                      |                                | 16             | 20   | 2205   | 0.029                                     | 5000              | 0.80               | 7.5        | 7.5       |                | EEUFC1A392( )        | 100          | 250       |
| 4700                 | 12.5                           | 40             | 2655 | 0.018  | 5000                                      | 0.80              | 5.0                |            |           | EEUFC1A472L    | 100                  |              |           |
|                      | 16                             | 25             | 2555 | 0.022  | 5000                                      | 0.80              | 7.5                | 7.5        |           | EEUFC1A472( )  | 100                  | 250          |           |
| 5600                 | 16                             | 25             | 2555 | 0.022  | 5000                                      | 0.80              | 7.5                | 7.5        |           | EEUFC1A562( )  | 100                  | 250          |           |
|                      | 18                             | 20             | 2490 | 0.028  | 5000                                      | 0.80              | 7.5                | 7.5        |           | EEUFC1A562S( ) | 100                  | 250          |           |
| 6800                 | 16                             | 31.5           | 3010 | 0.018  | 5000                                      | 0.80              | 7.5                |            |           | EEUFC1A682     | 100                  |              |           |
|                      | 18                             | 25             | 2740 | 0.020  | 5000                                      | 0.80              | 7.5                | 7.5        |           | EEUFC1A682S( ) | 100                  | 250          |           |
| 8200                 | 16                             | 35.5           | 3150 | 0.016  | 5000                                      | 0.80              | 7.5                |            |           | EEUFC1A822L    | 100                  |              |           |
|                      | 18                             | 31.5           | 3635 | 0.016  | 5000                                      | 0.80              | 7.5                |            |           | EEUFC1A822     | 50                   |              |           |
| 10000                | 18                             | 35.5           | 3680 | 0.015  | 5000                                      | 0.80              | 7.5                |            |           | EEUFC1A103     | 50                   |              |           |
| 12000                | 18                             | 40             | 3735 | 0.014  | 5000                                      | 0.80              | 7.5                |            |           | EEUFC1A123     | 50                   |              |           |

· When requesting taped product, please put the letter "B" or "H" between the "( )". Lead wire pitch \*B=5 mm, 7.5 mm, H=2.5 mm.

· Please refer to the page of "Taping dimensions".

## Characteristics list

Endurance : 105 °C  $\phi$ 4 to  $\phi$ 6.3=1000 h,  $\phi$ 8=2000 h,  $\phi$ 10=3000 h,  $\phi$ 12.5 to  $\phi$ 18=5000 h

| Rated voltage (V.DC) | Cap. ( $\pm 20\%$ ) ( $\mu$ F) | Case size (mm) |      | Specification                                  |   |                   | Lead length (mm)   |            |           | Part No.       | Min. Packaging Qty   |              |           |
|----------------------|--------------------------------|----------------|------|--|---|-------------------|--------------------|------------|-----------|----------------|----------------------|--------------|-----------|
|                      |                                | $\phi$ D       | L    | Ripple current (100 kHz) (+105 °C) (mA r.m.s.) | Impedance (100 kHz) (+20 °C) ( $\Omega$ ) | Endurance (hours) | Lead dia. $\phi$ d | Lead space |           |                | Straight leads (pcs) | Taping (pcs) |           |
|                      |                                |                |      |  |   |                   |                    | Straight   | Taping *B |                |                      |              | Taping *H |
| 16                   | 15                             | 4              | 7    | 65   | 2.000                                     | 1000              | 0.45               | 1.5        | 5.0       | 2.5            | EEAFC1C150( )        | 200          | 2000      |
|                      | 27                             | 5              | 7    | 120  | 0.950                                     | 1000              | 0.45               | 2.0        | 5.0       | 2.5            | EEAFC1C270( )        | 200          | 2000      |
|                      | 47                             | 5              | 11   | 175  | 0.800                                     | 1000              | 0.50               | 2.0        | 5.0       | 2.5            | EEUFC1C470( )        | 200          | 2000      |
|                      | 56                             | 5              | 11   | 175  | 0.800                                     | 1000              | 0.50               | 2.0        | 5.0       | 2.5            | EEUFC1C560( )        | 200          | 2000      |
|                      |                                | 6.3            | 7    | 200  | 0.450                                     | 1000              | 0.45               | 2.5        | 5.0       | 2.5            | EEAFC1C560( )        | 200          | 2000      |
|                      | 68                             | 5              | 11   | 175  | 0.800                                     | 1000              | 0.50               | 2.0        | 5.0       | 2.5            | EEUFC1C680( )        | 200          | 2000      |
|                      | 100                            | 6.3            | 11.2 | 290  | 0.350                                     | 1000              | 0.50               | 2.5        | 5.0       | 2.5            | EEUFC1C101( )        | 200          | 2000      |
|                      | 120                            | 6.3            | 11.2 | 290  | 0.350                                     | 1000              | 0.50               | 2.5        | 5.0       | 2.5            | EEUFC1C121( )        | 200          | 2000      |
|                      | 220                            | 8              | 11.5 | 555  | 0.117                                     | 2000              | 0.60               | 3.5        | 5.0       |                | EEUFC1C221( )        | 200          | 1000      |
|                      | 270                            | 8              | 11.5 | 555  | 0.117                                     | 2000              | 0.60               | 3.5        | 5.0       |                | EEUFC1C271( )        | 200          | 1000      |
|                      | 330                            | 8              | 11.5 | 555  | 0.117                                     | 2000              | 0.60               | 3.5        | 5.0       |                | EEUFC1C331( )        | 200          | 1000      |
|                      | 390                            | 10             | 12.5 | 755  | 0.090                                     | 3000              | 0.60               | 5.0        | 5.0       |                | EEUFC1C391( )        | 200          | 500       |
|                      | 470                            | 8              | 15   | 730  | 0.085                                     | 2000              | 0.60               | 3.5        | 5.0       |                | EEUFC1C471L( )       | 200          | 1000      |
|                      |                                | 10             | 12.5 | 755  | 0.090                                     | 3000              | 0.60               | 5.0        | 5.0       |                | EEUFC1C471( )        | 200          | 500       |
|                      | 560                            | 10             | 16   | 1050   | 0.068                                     | 3000              | 0.60               | 5.0        | 5.0       |                | EEUFC1C561( )        | 200          | 500       |
|                      | 680                            | 8              | 20   | 995  | 0.065                                     | 2000              | 0.60               | 3.5        | 5.0       |                | EEUFC1C681L( )       | 200          | 1000      |
|                      |                                | 10             | 16   | 1050   | 0.068                                     | 3000              | 0.60               | 5.0        | 5.0       |                | EEUFC1C681( )        | 200          | 500       |
|                      | 820                            | 10             | 20   | 1220   | 0.052                                     | 3000              | 0.60               | 5.0        | 5.0       |                | EEUFC1C821( )        | 200          | 500       |
|                      |                                | 12.5           | 15   | 1205   | 0.065                                     | 5000              | 0.60               | 5.0        | 5.0       |                | EEUFC1C821S( )       | 200          | 500       |
|                      | 1000                           | 10             | 20   | 1220   | 0.052                                     | 3000              | 0.60               | 5.0        | 5.0       |                | EEUFC1C102S( )       | 200          | 500       |
|                      |                                | 10             | 25   | 1440   | 0.045                                     | 3000              | 0.60               | 5.0        | 5.0       |                | EEUFC1C102( )        | 200          | 500       |
|                      | 1200                           | 10             | 25   | 1440   | 0.045                                     | 3000              | 0.60               | 5.0        | 5.0       |                | EEUFC1C122( )        | 200          | 500       |
|                      |                                | 16             | 15   | 1690   | 0.043                                     | 5000              | 0.80               | 7.5        | 7.5       |                | EEUFC1C122S( )       | 100          | 250       |
|                      | 1500                           | 10             | 30   | 1815   | 0.035                                     | 3000              | 0.60               | 5.0        |           |                | EEUFC1C152L          | 100          |           |
|                      |                                | 12.5           | 20   | 1655   | 0.038                                     | 5000              | 0.60               | 5.0        | 5.0       |                | EEUFC1C152( )        | 200          | 500       |
|                      |                                | 16             | 15   | 1690   | 0.043                                     | 5000              | 0.80               | 7.5        | 7.5       |                | EEUFC1C152S( )       | 100          | 250       |
|                      | 1800                           | 12.5           | 25   | 1945   | 0.030                                     | 5000              | 0.60               | 5.0        | 5.0       |                | EEUFC1C182( )        | 200          | 500       |
|                      |                                | 18             | 15   | 2000   | 0.038                                     | 5000              | 0.80               | 7.5        | 7.5       |                | EEUFC1C182S( )       | 100          | 250       |
|                      | 2200                           | 12.5           | 25   | 1945   | 0.030                                     | 5000              | 0.60               | 5.0        | 5.0       |                | EEUFC1C222( )        | 200          | 500       |
|                      |                                | 16             | 20   | 2205   | 0.029                                     | 5000              | 0.80               | 7.5        | 7.5       |                | EEUFC1C222S( )       | 100          | 250       |
| 2700                 | 12.5                           | 30             | 2310 | 0.025  | 5000                                      | 0.80              | 5.0                |            |           | EEUFC1C272L    | 100                  |              |           |
|                      | 16                             | 20             | 2205 | 0.029  | 5000                                      | 0.80              | 7.5                | 7.5        |           | EEUFC1C272( )  | 100                  | 250          |           |
| 3300                 | 12.5                           | 35             | 2510 | 0.022  | 5000                                      | 0.80              | 5.0                |            |           | EEUFC1C332     | 100                  |              |           |
|                      | 18                             | 20             | 2490 | 0.028  | 5000                                      | 0.80              | 7.5                | 7.5        |           | EEUFC1C332S( ) | 100                  | 250          |           |
| 3900                 | 16                             | 25             | 2555 | 0.022  | 5000                                      | 0.80              | 7.5                | 7.5        |           | EEUFC1C392( )  | 100                  | 250          |           |
|                      | 18                             | 20             | 2490 | 0.028  | 5000                                      | 0.80              | 7.5                | 7.5        |           | EEUFC1C392S( ) | 100                  | 250          |           |
| 4700                 | 16                             | 31.5           | 3010 | 0.018  | 5000                                      | 0.80              | 7.5                |            |           | EEUFC1C472     | 100                  |              |           |
|                      | 18                             | 25             | 2740 | 0.020  | 5000                                      | 0.80              | 7.5                | 7.5        |           | EEUFC1C472S( ) | 100                  | 250          |           |
| 5600                 | 16                             | 35.5           | 3150 | 0.016  | 5000                                      | 0.80              | 7.5                |            |           | EEUFC1C562L    | 100                  |              |           |
|                      | 18                             | 31.5           | 3635 | 0.016  | 5000                                      | 0.80              | 7.5                |            |           | EEUFC1C562     | 50                   |              |           |
| 6800                 | 16                             | 40             | 3360 | 0.015  | 5000                                      | 0.80              | 7.5                |            |           | EEUFC1C682     | 100                  |              |           |
| 8200                 | 18                             | 35.5           | 3680 | 0.015  | 5000                                      | 0.80              | 7.5                |            |           | EEUFC1C822     | 50                   |              |           |

· When requesting taped product, please put the letter "B" or "H" between the "( )". Lead wire pitch \*B=5 mm, 7.5 mm, H=2.5 mm.

· Please refer to the page of "Taping dimensions".

## Characteristics list

Endurance : 105 °C  $\phi$ 4 to  $\phi$ 6.3=1000 h,  $\phi$ 8=2000 h,  $\phi$ 10=3000 h,  $\phi$ 12.5 to  $\phi$ 18=5000 h

| Rated voltage (V.DC) | Cap. ( $\pm 20\%$ ) ( $\mu$ F) | Case size (mm) |      | Specification                                  |   |                   | Lead length (mm)   |            |           | Part No.       | Min. Packaging Qty   |              |           |
|----------------------|--------------------------------|----------------|------|--|---|-------------------|--------------------|------------|-----------|----------------|----------------------|--------------|-----------|
|                      |                                | $\phi$ D       | L    | Ripple current (100 kHz) (+105 °C) (mA r.m.s.) | Impedance (100 kHz) (+20 °C) ( $\Omega$ ) | Endurance (hours) | Lead dia. $\phi$ d | Lead space |           |                | Straight leads (pcs) | Taping (pcs) |           |
|                      |                                |                |      |  |   |                   |                    | Straight   | Taping *B |                |                      |              | Taping *H |
| 25                   | 10                             | 4              | 7    | 65   | 2.000                                     | 1000              | 0.45               | 1.5        | 5.0       | 2.5            | EEAFC1E100( )        | 200          | 2000      |
|                      | 22                             | 5              | 7    | 120  | 0.950                                     | 1000              | 0.45               | 2.0        | 5.0       | 2.5            | EEAFC1E220( )        | 200          | 2000      |
|                      | 39                             | 5              | 11   | 175  | 0.800                                     | 1000              | 0.50               | 2.0        | 5.0       | 2.5            | EEUFC1E390( )        | 200          | 2000      |
|                      |                                | 6.3            | 7    | 200  | 0.450                                     | 1000              | 0.45               | 2.5        | 5.0       | 2.5            | EEAFC1E390( )        | 200          | 2000      |
|                      | 47                             | 5              | 11   | 175  | 0.800                                     | 1000              | 0.50               | 2.0        | 5.0       | 2.5            | EEUFC1E470( )        | 200          | 2000      |
|                      | 82                             | 6.3            | 11.2 | 290  | 0.350                                     | 1000              | 0.50               | 2.5        | 5.0       | 2.5            | EEUFC1E820( )        | 200          | 2000      |
|                      | 100                            | 6.3            | 11.2 | 290  | 0.350                                     | 1000              | 0.50               | 2.5        | 5.0       | 2.5            | EEUFC1E101S( )       | 200          | 2000      |
|                      | 180                            | 8              | 11.5 | 555  | 0.117                                     | 2000              | 0.60               | 3.5        | 5.0       |                | EEUFC1E181( )        | 200          | 1000      |
|                      | 220                            | 8              | 11.5 | 555  | 0.117                                     | 2000              | 0.60               | 3.5        | 5.0       |                | EEUFC1E221( )        | 200          | 1000      |
|                      | 270                            | 10             | 12.5 | 755  | 0.090                                     | 3000              | 0.60               | 5.0        | 5.0       |                | EEUFC1E271( )        | 200          | 500       |
|                      | 330                            | 8              | 15   | 730  | 0.085                                     | 2000              | 0.60               | 3.5        | 5.0       |                | EEUFC1E331L( )       | 200          | 1000      |
|                      |                                | 10             | 12.5 | 755  | 0.090                                     | 3000              | 0.60               | 5.0        | 5.0       |                | EEUFC1E331( )        | 200          | 500       |
|                      | 390                            | 10             | 16   | 1050   | 0.068                                     | 3000              | 0.60               | 5.0        | 5.0       |                | EEUFC1E391( )        | 200          | 500       |
|                      | 470                            | 8              | 20   | 995  | 0.065                                     | 2000              | 0.60               | 3.5        | 5.0       |                | EEUFC1E471L( )       | 200          | 1000      |
|                      |                                | 10             | 16   | 1050   | 0.068                                     | 3000              | 0.60               | 5.0        | 5.0       |                | EEUFC1E471( )        | 200          | 500       |
|                      | 560                            | 10             | 20   | 1220   | 0.052                                     | 3000              | 0.60               | 5.0        | 5.0       |                | EEUFC1E561( )        | 200          | 500       |
|                      |                                | 12.5           | 15   | 1205   | 0.065                                     | 5000              | 0.60               | 5.0        | 5.0       |                | EEUFC1E561S( )       | 200          | 500       |
|                      | 680                            | 10             | 20   | 1220   | 0.052                                     | 3000              | 0.60               | 5.0        | 5.0       |                | EEUFC1E681( )        | 200          | 500       |
|                      | 820                            | 10             | 25   | 1440   | 0.045                                     | 3000              | 0.60               | 5.0        | 5.0       |                | EEUFC1E821( )        | 200          | 500       |
|                      |                                | 12.5           | 20   | 1655   | 0.038                                     | 5000              | 0.60               | 5.0        | 5.0       |                | EEUFC1E821S( )       | 200          | 500       |
|                      | 1000                           | 10             | 30   | 1815   | 0.035                                     | 3000              | 0.60               | 5.0        |           |                | EEUFC1E102L          | 100          |           |
|                      |                                | 12.5           | 20   | 1655   | 0.038                                     | 5000              | 0.60               | 5.0        | 5.0       |                | EEUFC1E102( )        | 200          | 500       |
|                      |                                | 16             | 15   | 1690   | 0.043                                     | 5000              | 0.80               | 7.5        | 7.5       |                | EEUFC1E102S( )       | 100          | 250       |
|                      | 1200                           | 12.5           | 25   | 1945   | 0.030                                     | 5000              | 0.60               | 5.0        | 5.0       |                | EEUFC1E122( )        | 200          | 500       |
|                      |                                | 18             | 15   | 2000   | 0.038                                     | 5000              | 0.80               | 7.5        | 7.5       |                | EEUFC1E122S( )       | 100          | 250       |
| 1500                 | 12.5                           | 25             | 1945 | 0.030  | 5000                                      | 0.60              | 5.0                | 5.0        |           | EEUFC1E152( )  | 200                  | 500          |           |
|                      | 16                             | 20             | 2205 | 0.029  | 5000                                      | 0.80              | 7.5                | 7.5        |           | EEUFC1E152S( ) | 100                  | 250          |           |
| 1800                 | 12.5                           | 30             | 2310 | 0.025  | 5000                                      | 0.80              | 5.0                |            |           | EEUFC1E182L    | 100                  |              |           |
|                      | 16                             | 20             | 2205 | 0.029  | 5000                                      | 0.80              | 7.5                | 7.5        |           | EEUFC1E182( )  | 100                  | 250          |           |
| 2200                 | 12.5                           | 35             | 2510 | 0.022  | 5000                                      | 0.80              | 5.0                |            |           | EEUFC1E222     | 100                  |              |           |
|                      | 18                             | 20             | 2490 | 0.028  | 5000                                      | 0.80              | 7.5                | 7.5        |           | EEUFC1E222S( ) | 100                  | 250          |           |
| 2700                 | 16                             | 25             | 2555 | 0.022  | 5000                                      | 0.80              | 7.5                | 7.5        |           | EEUFC1E272( )  | 100                  | 250          |           |
| 3300                 | 16                             | 31.5           | 3010 | 0.018  | 5000                                      | 0.80              | 7.5                |            |           | EEUFC1E332     | 100                  |              |           |
|                      | 18                             | 25             | 2740 | 0.020  | 5000                                      | 0.80              | 7.5                | 7.5        |           | EEUFC1E332S( ) | 100                  | 250          |           |
| 3900                 | 16                             | 35.5           | 3150 | 0.016  | 5000                                      | 0.80              | 7.5                |            |           | EEUFC1E392L    | 100                  |              |           |
|                      | 18                             | 31.5           | 3635 | 0.016  | 5000                                      | 0.80              | 7.5                |            |           | EEUFC1E392     | 50                   |              |           |
| 4700                 | 18                             | 35.5           | 3680 | 0.015  | 5000                                      | 0.80              | 7.5                |            |           | EEUFC1E472     | 50                   |              |           |
| 5600                 | 18                             | 40             | 3735 | 0.014  | 5000                                      | 0.80              | 7.5                |            |           | EEUFC1E562     | 50                   |              |           |

· When requesting taped product, please put the letter "B" or "H" between the "( )". Lead wire pitch \*B=5 mm, 7.5 mm, H=2.5 mm.  
 · Please refer to the page of "Taping dimensions".



## Characteristics list

Endurance : 105 °C  $\phi$ 4 to  $\phi$ 6.3=1000 h,  $\phi$ 8=2000 h,  $\phi$ 10=3000 h,  $\phi$ 12.5 to  $\phi$ 18=5000 h

| Rated voltage (V.DC) | Cap. ( $\pm$ 20 %) ( $\mu$ F) | Case size (mm) |      | Specification                                  |   |                   | Lead length (mm)   |            |           | Part No.       | Min. Packaging Q'ty  |              |           |
|----------------------|-------------------------------|----------------|------|--|---|-------------------|--------------------|------------|-----------|----------------|----------------------|--------------|-----------|
|                      |                               | $\phi$ D       | L    | Ripple current (100 kHz) (+105 °C) (mA r.m.s.) | Impedance (100 kHz) (+20 °C) ( $\Omega$ ) | Endurance (hours) | Lead dia. $\phi$ d | Lead space |           |                | Straight leads (pcs) | Taping (pcs) |           |
|                      |                               |                |      |  |   |                   |                    | Straight   | Taping *B |                |                      |              | Taping *H |
| 35                   | 6.8                           | 4              | 7    | 65   | 2.000                                     | 1000              | 0.45               | 1.5        | 5.0       | 2.5            | EEAFC1V6R8( )        | 200          | 2000      |
|                      | 12                            | 5              | 7    | 120  | 0.950                                     | 1000              | 0.45               | 2.0        | 5.0       | 2.5            | EEAFC1V120( )        | 200          | 2000      |
|                      | 22                            | 5              | 11   | 175  | 0.800                                     | 1000              | 0.50               | 2.0        | 5.0       | 2.5            | EEUFC1V220( )        | 200          | 2000      |
|                      | 27                            | 5              | 11   | 175  | 0.800                                     | 1000              | 0.50               | 2.0        | 5.0       | 2.5            | EEUFC1V270( )        | 200          | 2000      |
|                      |                               | 6.3            | 7    | 200  | 0.450                                     | 1000              | 0.45               | 2.5        | 5.0       | 2.5            | EEAFC1V270( )        | 200          | 2000      |
|                      | 33                            | 5              | 11   | 175  | 0.080                                     | 1000              | 0.50               | 2.0        | 5.0       | 2.5            | EEUFC1V330( )        | 200          | 2000      |
|                      | 47                            | 6.3            | 11.2 | 290  | 0.350                                     | 1000              | 0.50               | 2.5        | 5.0       | 2.5            | EEUFC1V470( )        | 200          | 2000      |
|                      | 56                            | 6.3            | 11.2 | 290  | 0.350                                     | 1000              | 0.50               | 2.5        | 5.0       | 2.5            | EEUFC1V560( )        | 200          | 2000      |
|                      | 68                            | 6.3            | 11.2 | 290  | 0.350                                     | 1000              | 0.50               | 2.5        | 5.0       | 2.5            | EEUFC1V680( )        | 200          | 2000      |
|                      | 100                           | 8              | 11.5 | 555  | 0.117                                     | 2000              | 0.60               | 3.5        | 5.0       |                | EEUFC1V101( )        | 200          | 1000      |
|                      | 120                           | 8              | 11.5 | 555  | 0.117                                     | 2000              | 0.60               | 3.5        | 5.0       |                | EEUFC1V121( )        | 200          | 1000      |
|                      | 150                           | 8              | 11.5 | 555  | 0.117                                     | 2000              | 0.60               | 3.5        | 5.0       |                | EEUFC1V151( )        | 200          | 1000      |
|                      | 180                           | 10             | 12.5 | 755  | 0.090                                     | 3000              | 0.60               | 5.0        | 5.0       |                | EEUFC1V181( )        | 200          | 500       |
|                      | 220                           | 8              | 15   | 730  | 0.085                                     | 2000              | 0.60               | 3.5        | 5.0       |                | EEUFC1V221L( )       | 200          | 1000      |
|                      |                               | 10             | 12.5 | 755  | 0.090                                     | 3000              | 0.60               | 5.0        | 5.0       |                | EEUFC1V221( )        | 200          | 500       |
|                      | 270                           | 10             | 16   | 1050   | 0.068                                     | 3000              | 0.60               | 5.0        | 5.0       |                | EEUFC1V271( )        | 200          | 500       |
|                      | 330                           | 8              | 20   | 995  | 0.065                                     | 2000              | 0.60               | 3.5        | 5.0       |                | EEUFC1V331L( )       | 200          | 1000      |
|                      |                               | 10             | 16   | 1050   | 0.068                                     | 3000              | 0.60               | 5.0        | 5.0       |                | EEUFC1V331( )        | 200          | 500       |
|                      | 390                           | 10             | 20   | 1220   | 0.052                                     | 3000              | 0.60               | 5.0        | 5.0       |                | EEUFC1V391( )        | 200          | 500       |
|                      |                               | 12.5           | 15   | 1205   | 0.065                                     | 5000              | 0.60               | 5.0        | 5.0       |                | EEUFC1V391S( )       | 200          | 500       |
|                      | 470                           | 10             | 20   | 1220   | 0.052                                     | 3000              | 0.60               | 5.0        | 5.0       |                | EEUFC1V471( )        | 200          | 500       |
|                      | 560                           | 10             | 25   | 1440   | 0.045                                     | 3000              | 0.60               | 5.0        | 5.0       |                | EEUFC1V561( )        | 200          | 500       |
|                      |                               | 12.5           | 20   | 1655   | 0.038                                     | 5000              | 0.60               | 5.0        | 5.0       |                | EEUFC1V561S( )       | 200          | 500       |
|                      | 680                           | 10             | 30   | 1815   | 0.035                                     | 3000              | 0.60               | 5.0        |           |                | EEUFC1V681L          | 100          |           |
|                      |                               | 12.5           | 20   | 1655   | 0.038                                     | 5000              | 0.60               | 5.0        | 5.0       |                | EEUFC1V681( )        | 200          | 500       |
|                      |                               | 16             | 15   | 1690   | 0.043                                     | 5000              | 0.80               | 7.5        | 7.5       |                | EEUFC1V681S( )       | 100          | 250       |
|                      | 820                           | 12.5           | 25   | 1945   | 0.030                                     | 5000              | 0.60               | 5.0        | 5.0       |                | EEUFC1V821L( )       | 200          | 500       |
|                      |                               | 18             | 15   | 2000   | 0.038                                     | 5000              | 0.80               | 7.5        | 7.5       |                | EEUFC1V821( )        | 100          | 250       |
|                      | 1000                          | 12.5           | 25   | 1945   | 0.030                                     | 5000              | 0.60               | 5.0        | 5.0       |                | EEUFC1V102( )        | 200          | 500       |
|                      |                               | 16             | 20   | 2205   | 0.029                                     | 5000              | 0.80               | 7.5        | 7.5       |                | EEUFC1V102S( )       | 100          | 250       |
| 1200                 | 12.5                          | 30             | 2310 | 0.025  | 5000                                      | 0.80              | 5.0                |            |           | EEUFC1V122L    | 100                  |              |           |
|                      | 16                            | 20             | 2205 | 0.029  | 5000                                      | 0.80              | 7.5                | 7.5        |           | EEUFC1V122( )  | 100                  | 250          |           |
| 1500                 | 12.5                          | 35             | 2510 | 0.022  | 5000                                      | 0.80              | 5.0                |            |           | EEUFC1V152L    | 100                  |              |           |
|                      | 16                            | 25             | 2555 | 0.022  | 5000                                      | 0.80              | 7.5                | 7.5        |           | EEUFC1V152( )  | 100                  | 250          |           |
|                      | 18                            | 20             | 2490 | 0.028  | 5000                                      | 0.80              | 7.5                | 7.5        |           | EEUFC1V152S( ) | 100                  | 250          |           |
| 1800                 | 12.5                          | 40             | 2655 | 0.018  | 5000                                      | 0.80              | 5.0                |            |           | EEUFC1V182L    | 100                  |              |           |
|                      | 16                            | 25             | 2555 | 0.022  | 5000                                      | 0.80              | 7.5                | 7.5        |           | EEUFC1V182( )  | 100                  | 250          |           |
|                      | 18                            | 20             | 2490 | 0.028  | 5000                                      | 0.80              | 7.5                | 7.5        |           | EEUFC1V182S( ) | 100                  | 250          |           |
| 2200                 | 16                            | 31.5           | 3010 | 0.018  | 5000                                      | 0.80              | 7.5                |            |           | EEUFC1V222     | 100                  |              |           |
|                      | 18                            | 25             | 2740 | 0.020  | 5000                                      | 0.80              | 7.5                | 7.5        |           | EEUFC1V222S( ) | 100                  | 250          |           |
| 2700                 | 16                            | 35.5           | 3150 | 0.016  | 5000                                      | 0.80              | 7.5                |            |           | EEUFC1V272L    | 100                  |              |           |
|                      | 18                            | 31.5           | 3635 | 0.016  | 5000                                      | 0.80              | 7.5                |            |           | EEUFC1V272     | 50                   |              |           |
| 3300                 | 18                            | 35.5           | 3680 | 0.015  | 5000                                      | 0.80              | 7.5                |            |           | EEUFC1V332     | 50                   |              |           |
| 3900                 | 18                            | 40             | 3735 | 0.014  | 5000                                      | 0.80              | 7.5                |            |           | EEUFC1V392     | 50                   |              |           |

· When requesting taped product, please put the letter "B" or "H" between the "( )". Lead wire pitch \*B=5 mm, 7.5 mm, H=2.5 mm.

· Please refer to the page of "Taping dimensions".

## Characteristics list

Endurance : 105 °C  $\phi$ 4 to  $\phi$ 6.3=1000 h,  $\phi$ 8=2000 h,  $\phi$ 10=3000 h,  $\phi$ 12.5 to  $\phi$ 18=5000 h

| Rated voltage (V.DC) | Cap. ( $\pm$ 20 %)<br>( $\mu$ F) | Case size (mm) |      | Specification                                  |   |                   | Lead length (mm)   |            |           | Part No.       | Min. Packaging Q'ty  |              |           |
|----------------------|----------------------------------|----------------|------|--|---|-------------------|--------------------|------------|-----------|----------------|----------------------|--------------|-----------|
|                      |                                  | $\phi$ D       | L    | Ripple current (100 kHz) (+105 °C) (mA r.m.s.) | Impedance (100 kHz) (+20 °C) ( $\Omega$ ) | Endurance (hours) | Lead dia. $\phi$ d | Lead space |           |                | Straight leads (pcs) | Taping (pcs) |           |
|                      |                                  |                |      |  |   |                   |                    | Straight   | Taping *B |                |                      |              | Taping *H |
| 50                   | 2.2                              | 5              | 11   | 45   | 1.800                                     | 1000              | 0.50               | 2.0        | 5.0       | 2.5            | EEUFC1H2R2( )        | 200          | 2000      |
|                      | 3.3                              | 5              | 11   | 65   | 1.300                                     | 1000              | 0.50               | 2.0        | 5.0       | 2.5            | EEUFC1H3R3( )        | 200          | 2000      |
|                      | 4.7                              | 5              | 11   | 95   | 1.300                                     | 1000              | 0.50               | 2.0        | 5.0       | 2.5            | EEUFC1H4R7( )        | 200          | 2000      |
|                      | 10                               | 5              | 11   | 125  | 1.300                                     | 1000              | 0.50               | 2.0        | 5.0       | 2.5            | EEUFC1H100L( )       | 200          | 2000      |
|                      | 12                               | 5              | 11   | 135  | 1.300                                     | 1000              | 0.50               | 2.0        | 5.0       | 2.5            | EEUFC1H120( )        | 200          | 2000      |
|                      | 15                               | 5              | 11   | 145  | 1.300                                     | 1000              | 0.50               | 2.0        | 5.0       | 2.5            | EEUFC1H150( )        | 200          | 2000      |
|                      | 18                               | 5              | 11   | 155  | 1.300                                     | 1000              | 0.50               | 2.0        | 5.0       | 2.5            | EEUFC1H180( )        | 200          | 2000      |
|                      | 22                               | 5              | 11   | 155  | 1.300                                     | 1000              | 0.50               | 2.0        | 5.0       | 2.5            | EEUFC1H220( )        | 200          | 2000      |
|                      | 33                               | 6.3            | 11.2 | 260  | 0.600                                     | 1000              | 0.50               | 2.5        | 5.0       | 2.5            | EEUFC1H330( )        | 200          | 2000      |
|                      | 39                               | 6.3            | 11.2 | 260  | 0.600                                     | 1000              | 0.50               | 2.5        | 5.0       | 2.5            | EEUFC1H390( )        | 200          | 2000      |
|                      | 47                               | 6.3            | 11.2 | 260  | 0.600                                     | 1000              | 0.50               | 2.5        | 5.0       | 2.5            | EEUFC1H470( )        | 200          | 2000      |
|                      | 68                               | 8              | 11.5 | 485  | 0.234                                     | 2000              | 0.60               | 3.5        | 5.0       |                | EEUFC1H680( )        | 200          | 1000      |
|                      | 82                               | 8              | 11.5 | 485  | 0.234                                     | 2000              | 0.60               | 3.5        | 5.0       |                | EEUFC1H820( )        | 200          | 1000      |
|                      | 100                              | 10             | 12.5 | 615  | 0.162                                     | 3000              | 0.60               | 5.0        | 5.0       |                | EEUFC1H101( )        | 200          | 500       |
|                      | 120                              | 8              | 15   | 635  | 0.155                                     | 2000              | 0.60               | 3.5        | 5.0       |                | EEUFC1H121L( )       | 200          | 1000      |
|                      |                                  | 10             | 12.5 | 615  | 0.162                                     | 3000              | 0.60               | 5.0        | 5.0       |                | EEUFC1H121( )        | 200          | 500       |
|                      | 150                              | 10             | 16   | 850  | 0.119                                     | 3000              | 0.60               | 5.0        | 5.0       |                | EEUFC1H151( )        | 200          | 500       |
|                      | 180                              | 8              | 20   | 860  | 0.120                                     | 2000              | 0.60               | 3.5        | 5.0       |                | EEUFC1H181L( )       | 200          | 1000      |
|                      |                                  | 10             | 16   | 850  | 0.119                                     | 3000              | 0.60               | 5.0        | 5.0       |                | EEUFC1H181( )        | 200          | 500       |
|                      | 220                              | 10             | 20   | 1030   | 0.090                                     | 3000              | 0.60               | 5.0        | 5.0       |                | EEUFC1H221( )        | 200          | 500       |
|                      |                                  | 12.5           | 15   | 1150   | 0.110                                     | 5000              | 0.60               | 5.0        | 5.0       |                | EEUFC1H221S( )       | 200          | 500       |
|                      | 270                              | 10             | 25   | 1200   | 0.082                                     | 3000              | 0.60               | 5.0        | 5.0       |                | EEUFC1H271( )        | 200          | 500       |
|                      | 330                              | 10             | 30   | 1610   | 0.060                                     | 3000              | 0.60               | 5.0        |           |                | EEUFC1H331L          | 100          |           |
|                      |                                  | 12.5           | 20   | 1480   | 0.063                                     | 5000              | 0.60               | 5.0        | 5.0       |                | EEUFC1H331( )        | 200          | 500       |
|                      | 390                              | 12.5           | 20   | 1480   | 0.063                                     | 5000              | 0.60               | 5.0        | 5.0       |                | EEUFC1H391( )        | 200          | 500       |
|                      |                                  | 16             | 15   | 1610   | 0.080                                     | 5000              | 0.80               | 7.5        | 7.5       |                | EEUFC1H391S( )       | 100          | 250       |
|                      | 470                              | 10             | 30   | 1610   | 0.060                                     | 3000              | 0.60               | 5.0        |           |                | EEUFC1H471L          | 100          |           |
|                      |                                  | 12.5           | 25   | 1832   | 0.050                                     | 5000              | 0.60               | 5.0        | 5.0       |                | EEUFC1H471( )        | 200          | 500       |
| 560                  | 12.5                             | 25             | 1832 | 0.050  | 5000                                      | 0.60              | 5.0                | 5.0        |           | EEUFC1H561( )  | 200                  | 500          |           |
|                      | 18                               | 15             | 1900 | 0.068  | 5000                                      | 0.80              | 7.5                | 7.5        |           | EEUFC1H561S( ) | 100                  | 250          |           |
| 680                  | 12.5                             | 30             | 2215 | 0.040  | 5000                                      | 0.80              | 5.0                |            |           | EEUFC1H681L    | 100                  |              |           |
|                      | 16                               | 20             | 1835 | 0.048  | 5000                                      | 0.80              | 7.5                | 7.5        |           | EEUFC1H681( )  | 100                  | 250          |           |
| 820                  | 12.5                             | 35             | 2285 | 0.034  | 5000                                      | 0.80              | 5.0                |            |           | EEUFC1H821L    | 100                  |              |           |
|                      | 18                               | 20             | 2420 | 0.042  | 5000                                      | 0.80              | 7.5                | 7.5        |           | EEUFC1H821( )  | 100                  | 250          |           |
| 1000                 | 12.5                             | 40             | 2590 | 0.030  | 5000                                      | 0.80              | 5.0                |            |           | EEUFC1H102L    | 100                  |              |           |
|                      | 16                               | 25             | 2235 | 0.034  | 5000                                      | 0.80              | 7.5                | 7.5        |           | EEUFC1H102( )  | 100                  | 250          |           |
| 1200                 | 16                               | 31.5           | 2700 | 0.028  | 5000                                      | 0.80              | 7.5                |            |           | EEUFC1H122     | 100                  |              |           |
|                      | 18                               | 25             | 2610 | 0.029  | 5000                                      | 0.80              | 7.5                | 7.5        |           | EEUFC1H122S( ) | 100                  | 250          |           |
| 1500                 | 16                               | 35.5           | 2790 | 0.025  | 5000                                      | 0.80              | 7.5                |            |           | EEUFC1H152L    | 100                  |              |           |
| 1800                 | 16                               | 40             | 2845 | 0.023  | 5000                                      | 0.80              | 7.5                |            |           | EEUFC1H182L    | 100                  |              |           |
|                      | 18                               | 31.5           | 3000 | 0.025  | 5000                                      | 0.80              | 7.5                |            |           | EEUFC1H182     | 50                   |              |           |
| 2200                 | 18                               | 35.5           | 3100 | 0.023  | 5000                                      | 0.80              | 7.5                |            |           | EEUFC1H222     | 50                   |              |           |

· When requesting taped product, please put the letter "B" or "H" between the "( )". Lead wire pitch \*B=5 mm, 7.5 mm, H=2.5 mm.

· Please refer to the page of "Taping dimensions".



## Characteristics list

Endurance : 105 °C  $\phi$ 4 to  $\phi$ 6.3=1000 h,  $\phi$ 8=2000 h,  $\phi$ 10=3000 h,  $\phi$ 12.5 to  $\phi$ 18=5000 h

| Rated voltage (V.DC) | Cap. ( $\pm 20\%$ ) ( $\mu$ F) | Case size (mm) |      | Specification                                  |   |                   | Lead length (mm)   |            |           | Part No.       | Min. Packaging Qty   |              |           |
|----------------------|--------------------------------|----------------|------|--|---|-------------------|--------------------|------------|-----------|----------------|----------------------|--------------|-----------|
|                      |                                | $\phi$ D       | L    | Ripple current (100 kHz) (+105 °C) (mA r.m.s.) | Impedance (100 kHz) (+20 °C) ( $\Omega$ ) | Endurance (hours) | Lead dia. $\phi$ d | Lead space |           |                | Straight leads (pcs) | Taping (pcs) |           |
|                      |                                |                |      |  |   |                   |                    | Straight   | Taping *B |                |                      |              | Taping *H |
| 63                   | 12                             | 5              | 11   | 145  | 2.000                                     | 1000              | 0.50               | 2.0        | 5.0       | 2.5            | EEUFC1J120( )        | 200          | 2000      |
|                      | 22                             | 6.3            | 11.2 | 240  | 1.000                                     | 1000              | 0.50               | 2.5        | 5.0       | 2.5            | EEUFC1J220( )        | 200          | 2000      |
|                      | 33                             | 6.3            | 11.2 | 240  | 1.000                                     | 1000              | 0.50               | 2.5        | 5.0       | 2.5            | EEUFC1J330( )        | 200          | 2000      |
|                      | 47                             | 8              | 11.5 | 405  | 0.342                                     | 2000              | 0.60               | 3.5        | 5.0       |                | EEUFC1J470( )        | 200          | 1000      |
|                      | 56                             | 8              | 11.5 | 405  | 0.342                                     | 2000              | 0.60               | 3.5        | 5.0       |                | EEUFC1J560( )        | 200          | 1000      |
|                      | 68                             | 8              | 11.5 | 405  | 0.342                                     | 2000              | 0.60               | 3.5        | 5.0       |                | EEUFC1J680( )        | 200          | 1000      |
|                      | 82                             | 10             | 12.5 | 535  | 0.256                                     | 3000              | 0.60               | 5.0        | 5.0       |                | EEUFC1J820( )        | 200          | 500       |
|                      | 100                            | 8              | 15   | 535  | 0.230                                     | 2000              | 0.60               | 3.5        | 5.0       |                | EEUFC1J101L( )       | 200          | 1000      |
|                      |                                | 10             | 12.5 | 535  | 0.256                                     | 3000              | 0.60               | 5.0        | 5.0       |                | EEUFC1J101( )        | 200          | 500       |
|                      | 120                            | 10             | 16   | 600  | 0.194                                     | 3000              | 0.60               | 5.0        | 5.0       |                | EEUFC1J121( )        | 200          | 500       |
|                      | 150                            | 8              | 20   | 690  | 0.178                                     | 2000              | 0.60               | 3.5        | 5.0       |                | EEUFC1J151( )        | 200          | 1000      |
|                      | 180                            | 10             | 20   | 885  | 0.147                                     | 3000              | 0.60               | 5.0        | 5.0       |                | EEUFC1J181( )        | 200          | 500       |
|                      |                                | 12.5           | 15   | 1020   | 0.150                                     | 5000              | 0.60               | 5.0        | 5.0       |                | EEUFC1J181S( )       | 200          | 500       |
|                      | 220                            | 10             | 20   | 885  | 0.147                                     | 3000              | 0.60               | 5.0        | 5.0       |                | EEUFC1J221X( )       | 200          | 500       |
|                      |                                | 12.5           | 20   | 1285   | 0.085                                     | 5000              | 0.60               | 5.0        | 5.0       |                | EEUFC1J221S( )       | 200          | 500       |
|                      | 270                            | 16             | 15   | 1410   | 0.090                                     | 5000              | 0.80               | 7.5        | 7.5       |                | EEUFC1J271( )        | 100          | 250       |
|                      | 330                            | 10             | 30   | 1300   | 0.090                                     | 3000              | 0.60               | 5.0        |           |                | EEUFC1J331L          | 100          |           |
|                      |                                | 12.5           | 20   | 1285   | 0.085                                     | 5000              | 0.60               | 5.0        | 5.0       |                | EEUFC1J331( )        | 200          | 500       |
|                      | 390                            | 12.5           | 25   | 1720   | 0.070                                     | 5000              | 0.60               | 5.0        | 5.0       |                | EEUFC1J391( )        | 200          | 500       |
|                      |                                | 18             | 15   | 1690   | 0.086                                     | 5000              | 0.80               | 7.5        | 7.5       |                | EEUFC1J391S( )       | 100          | 250       |
|                      | 470                            | 12.5           | 30   | 2090   | 0.055                                     | 5000              | 0.80               | 5.0        |           |                | EEUFC1J471L          | 100          |           |
|                      |                                | 16             | 20   | 1765   | 0.059                                     | 5000              | 0.80               | 7.5        | 7.5       |                | EEUFC1J471( )        | 100          | 250       |
|                      | 560                            | 16             | 25   | 2160   | 0.050                                     | 5000              | 0.80               | 7.5        | 7.5       |                | EEUFC1J561( )        | 100          | 250       |
|                      | 680                            | 12.5           | 35   | 2265   | 0.047                                     | 5000              | 0.80               | 5.0        |           |                | EEUFC1J681L          | 100          |           |
|                      |                                | 16             | 25   | 2160   | 0.050                                     | 5000              | 0.80               | 7.5        | 7.5       |                | EEUFC1J681( )        | 100          | 250       |
|                      |                                | 18             | 20   | 2290   | 0.055                                     | 5000              | 0.80               | 7.5        | 7.5       |                | EEUFC1J681S( )       | 100          | 250       |
| 820                  | 12.5                           | 40             | 2560 | 0.042  | 5000                                      | 0.80              | 5.0                |            |           | EEUFC1J821L    | 100                  |              |           |
|                      | 16                             | 31.5           | 2670 | 0.043  | 5000                                      | 0.80              | 7.5                |            |           | EEUFC1J821     | 100                  |              |           |
|                      | 18                             | 25             | 2585 | 0.043  | 5000                                      | 0.80              | 7.5                | 7.5        |           | EEUFC1J821S( ) | 100                  | 250          |           |
| 1000                 | 16                             | 31.5           | 2670 | 0.043  | 5000                                      | 0.80              | 7.5                |            |           | EEUFC1J102U    | 100                  |              |           |
|                      | 16                             | 35.5           | 2770 | 0.036  | 5000                                      | 0.80              | 7.5                |            |           | EEUFC1J102     | 100                  |              |           |
| 1200                 | 16                             | 40             | 2825 | 0.030  | 5000                                      | 0.80              | 7.5                |            |           | EEUFC1J122L    | 100                  |              |           |
|                      | 18                             | 31.5           | 2950 | 0.032  | 5000                                      | 0.80              | 7.5                |            |           | EEUFC1J122     | 50                   |              |           |
| 1500                 | 18                             | 35.5           | 3095 | 0.030  | 5000                                      | 0.80              | 7.5                |            |           | EEUFC1J152     | 50                   |              |           |
| 1800                 | 18                             | 40             | 3205 | 0.025  | 5000                                      | 0.80              | 7.5                |            |           | EEUFC1J182     | 50                   |              |           |

· When requesting taped product, please put the letter "B" or "H" between the "( )". Lead wire pitch \*B=5 mm, 7.5 mm, H=2.5 mm.

· Please refer to the page of "Taping dimensions".

## Characteristics list

Endurance : 105 °C  $\phi$ 4 to  $\phi$ 6.3=1000 h,  $\phi$ 8=2000 h,  $\phi$ 10=3000 h,  $\phi$ 12.5 to  $\phi$ 18=5000 h

| Rated voltage (V.DC) | Cap. ( $\pm 20\%$ ) ( $\mu$ F) | Case size (mm) |      | Specification                                  |   |                   | Lead length (mm)   |            |           |                | Part No.       | Min. Packaging Q'ty  |              |
|----------------------|--------------------------------|----------------|------|--|---|-------------------|--------------------|------------|-----------|----------------|----------------|----------------------|--------------|
|                      |                                | $\phi$ D       | L    | Ripple current (100 kHz) (+105 °C) (mA r.m.s.) | Impedance (100 kHz) (+20 °C) ( $\Omega$ ) | Endurance (hours) | Lead dia. $\phi$ d | Lead space |           |                |                | Straight leads (pcs) | Taping (pcs) |
|                      |                                |                |      |  |   |                   |                    | Straight   | Taping *B | Taping *H      |                |                      |              |
| 100                  | 5.6                            | 5              | 11   | 80   | 4.10                                      | 1000              | 0.5                | 2.0        | 5.0       | 2.5            | EEUFC2A5R6( )  | 200                  | 2000         |
|                      | 12                             | 6.3            | 11.2 | 114  | 1.80                                      | 1000              | 0.5                | 2.5        | 5.0       | 2.5            | EEUFC2A120( )  | 200                  | 2000         |
|                      | 22                             | 8              | 11.5 | 260  | 0.680                                     | 2000              | 0.6                | 3.5        | 5.0       |                | EEUFC2A220( )  | 200                  | 1000         |
|                      | 33                             | 8              | 15   | 340  | 0.450                                     | 2000              | 0.6                | 3.5        | 5.0       |                | EEUFC2A330L( ) | 200                  | 1000         |
|                      |                                | 10             | 12.5 | 306  | 0.530                                     | 3000              | 0.6                | 5.0        | 5.0       |                | EEUFC2A330( )  | 200                  | 500          |
|                      | 39                             | 8              | 20   | 455  | 0.330                                     | 2000              | 0.6                | 5.0        | 5.0       |                | EEUFC2A390L( ) | 200                  | 1000         |
|                      |                                | 10             | 16   | 400  | 0.360                                     | 3000              | 0.6                | 5.0        | 5.0       |                | EEUFC2A390( )  | 200                  | 500          |
|                      | 56                             | 10             | 20   | 463  | 0.240                                     | 3000              | 0.6                | 5.0        | 5.0       |                | EEUFC2A560( )  | 200                  | 500          |
|                      | 68                             | 10             | 25   | 599  | 0.210                                     | 3000              | 0.6                | 5.0        | 5.0       |                | EEUFC2A680L( ) | 200                  | 500          |
|                      |                                | 12.5           | 15   | 511  | 0.230                                     | 5000              | 0.6                | 5.0        | 5.0       |                | EEUFC2A680( )  | 200                  | 500          |
|                      | 100                            | 10             | 30   | 698  | 0.150                                     | 3000              | 0.6                | 5.0        |           |                | EEUFC2A101L    | 100                  |              |
|                      |                                | 12.5           | 20   | 671  | 0.180                                     | 5000              | 0.6                | 5.0        | 5.0       |                | EEUFC2A101( )  | 200                  | 500          |
|                      | 120                            | 16             | 15   | 793  | 0.140                                     | 5000              | 0.8                | 7.5        | 7.5       |                | EEUFC2A121S( ) | 100                  | 250          |
|                      | 150                            | 12.5           | 25   | 807  | 0.110                                     | 5000              | 0.6                | 5.0        | 5.0       |                | EEUFC2A151( )  | 200                  | 500          |
|                      |                                | 18             | 15   | 917  | 0.120                                     | 5000              | 0.8                | 7.5        | 7.5       |                | EEUFC2A151S( ) | 100                  | 250          |
|                      | 180                            | 12.5           | 30   | 937  | 0.098                                     | 5000              | 0.8                | 5.0        |           |                | EEUFC2A181L    | 100                  |              |
|                      |                                | 16             | 20   | 995  | 0.110                                     | 5000              | 0.8                | 7.5        | 7.5       |                | EEUFC2A181( )  | 100                  | 250          |
|                      | 220                            | 12.5           | 35   | 1040   | 0.087                                     | 5000              | 0.8                | 5.0        |           |                | EEUFC2A221L    | 100                  |              |
|                      |                                | 16             | 25   | 1170   | 0.089                                     | 5000              | 0.8                | 7.5        | 7.5       |                | EEUFC2A221( )  | 100                  | 250          |
|                      | 270                            | 12.5           | 40   | 1130   | 0.072                                     | 5000              | 0.8                | 5.0        |           |                | EEUFC2A271L    | 100                  |              |
| 18                   |                                | 20             | 1230 | 0.080  | 5000                                      | 0.8               | 7.5                | 7.5        |           | EEUFC2A271S( ) | 100            | 250                  |              |
| 330                  | 16                             | 31.5           | 1520 | 0.062  | 5000                                      | 0.8               | 7.5                |            |           | EEUFC2A331     | 100            |                      |              |
|                      | 18                             | 25             | 1420 | 0.070  | 5000                                      | 0.8               | 7.5                | 7.5        |           | EEUFC2A331S( ) | 100            | 250                  |              |
| 390                  | 16                             | 35.5           | 1730 | 0.053  | 5000                                      | 0.8               | 7.5                |            |           | EEUFC2A391L    | 100            |                      |              |
|                      | 18                             | 31.5           | 1600 | 0.062  | 5000                                      | 0.8               | 7.5                |            |           | EEUFC2A391     | 50             |                      |              |
| 470                  | 16                             | 40             | 1920 | 0.047  | 5000                                      | 0.8               | 7.5                |            |           | EEUFC2A471     | 100            |                      |              |
| 560                  | 18                             | 35.5           | 1770 | 0.041  | 5000                                      | 0.8               | 7.5                |            |           | EEUFC2A561     | 50             |                      |              |
| 680                  | 18                             | 40             | 2300 | 0.036  | 5000                                      | 0.8               | 7.5                |            |           | EEUFC2A681     | 50             |                      |              |

- When requesting taped product, please put the letter "B" or "H" between the "( )". Lead wire pitch \*B=5 mm, 7.5 mm, H=2.5 mm.
- Please refer to the page of "Taping dimensions".

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