

# Panasonic

## Aluminum Electrolytic Capacitors/FC

### Radial Lead Type

Series: FC Type :A

Japan  
Malaysia  
China



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

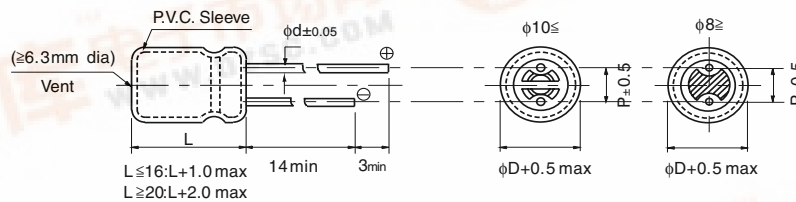
#### ■ Specifications

|                       |   |                                    |
|-----------------------|---|------------------------------------|
| Category Temp. Range  | -55 to +105°C   |                                    |
| Rated W.V. Range      | 6.3 to 63 V .DC   |                                    |
| Nominal Cap. Range    | 1.0 to 15000 μ F  |                                    |
| Capacitance Tolerance | ±20 % (120Hz/+20°C)   |                                    |
| DC Leakage Current    | $I \leq 0.01 CV$ or $3(\mu A)$<br>after 2 minues application of rated working voltage at +20°C(Whichever, is greater)   |                                    |
| Dissipation Factor    | Please see the attached standard products list  |                                    |
| Endurance             | After following life test with DC voltage and +105±2°C ripple current value applied (The sum of DC and ripple peak voltage shall not exceed the rated working voltage), the capacitors shall meet the limits specified below.<br>Duration : 1000 hours (φ4 to 6.3), 2000hours (φ8), 3000 hours (φ10), 5000 hours (φ12.5 to 18)<br>Post test requirement at +20 °C |                                    |
|                       | Capacitance change  | ±20% of initial measured value     |
|                       | D.F.  | ≤ 200 % of initial specified value |
| Shelf Life            | DC leakage current  | ≤ initial specified value          |
|                       | After storage for 1000 hours at +105±2 °C with no voltage applied and then being stabilized at +20 °C, capacitor shall meet the limits specified in "Endurance". (With voltage treatment)   |                                    |

#### ■ Frequency correction factor for ripple current

| W.V.(V.DC) | Capacitance (μF) | Frequency(Hz) |      |      |      |      |
|------------|------------------|---------------|------|------|------|------|
|            |                  | 60            | 120  | 1k   | 10k  | 100k |
| 6.3 to 63  | 1.0 to 330       | 0.55          | 0.65 | 0.85 | 0.90 | 1.0  |
|            | 390 to 1000      | 0.70          | 0.75 | 0.90 | 0.95 | 1.0  |
|            | 1200 to 2200     | 0.75          | 0.80 | 0.90 | 0.95 | 1.0  |
|            | 2700 to 15000    | 0.80          | 0.85 | 0.95 | 1.00 | 1.0  |

#### ■ Dimensions in mm (not to scale)



|               | L=7  |      |      | L ≥ 11 |     |     |     |     |          |          |     |
|---------------|------|------|------|--------|-----|-----|-----|-----|----------|----------|-----|
|               | 4    | 5    | 6.3  | 4      | 5   | 6.3 | 8   | 10  | 12.5     | 16       | 18  |
| Body Dia. φD  |      |      |      |        |     |     |     |     |          |          |     |
| Body Length L |      |      |      |        |     |     |     |     | 15 to 25 | 30 to 35 |     |
| Lead Dia. φd  | 0.45 | 0.45 | 0.45 | 0.45   | 0.5 | 0.5 | 0.6 | 0.6 | 0.6      | 0.8      | 0.8 |
| Lead space P  | 1.5  | 2    | 2.5  | 1.5    | 2.0 | 2.5 | 3.5 | 5.0 | 5.0      | 7.5      | 7.5 |

Design and specifications are subject to change without notice. Ask factory for technical specifications before purchase and/or use.  
Whenever a doubt about safety arises from this product, please contact us immediately for technical consultation.

Case size/ Impedance/ Ripple Current

| W.V.(VDC)<br>Case size<br>(φD×L) | 6.3V to 35V         |       |   | 50V                 |        |   | 63V                 |       |   |
|----------------------------------|---------------------|-------|---|---------------------|--------|---|---------------------|-------|---|
|                                  | Impedance Ω /100kHz |       | Ripple Current<br>mA r.m.s.<br>/100 kHz | Impedance Ω /100kHz |        | Ripple Current<br>mA r.m.s.<br>/100 kHz | Impedance Ω /100kHz |       | Ripple Current<br>mA r.m.s.<br>/100 kHz |
|                                  | 20°C                | -10°C |   | 20°C                | -10°C  |   | 20°C                | -10°C |   |
| 4 × 7                            | 2.00                | 5.00  | 65                                      | -                   | -      | -                                       | -                   | -     | -                                       |
| 5 × 7                            | 0.95                | 2.40  | 120                                     | -                   | -      | -                                       | -                   | -     | -                                       |
| 6.3 × 7                          | 0.45                | 1.20  | 200                                     | -                   | -      | -                                       | -                   | -     | -                                       |
| 4 × 11                           | 1.30                | 2.60  | 120                                     | 2.50                | 5.00   | 90                                      | 3.50                | 7.00  | 80                                      |
| 5 × 11                           | 0.80                | 1.60  | 175                                     | 2.4 *1              | 4.8 *1 | *3                                      | 2.00                | 4.00  | 145                                     |
|                                  |                     |       |   | 1.3 *2              | 2.6 *2 | *3                                      |                     |       |   |
| 5 × 15                           | 0.50                | 1.00  | 235                                     | 0.90                | 1.80   | 215                                     | 1.30                | 2.60  | 200                                     |
| 6.3 × 11.2                       | 0.35                | 0.700 | 290                                     | 0.60                | 1.20   | 260                                     | 1.00                | 2.00  | 240                                     |
| 6.3 × 15                         | 0.25                | 0.500 | 400                                     | 0.40                | 0.80   | 360                                     | 0.70                | 1.40  | 330                                     |
| 8 × 11.5                         | 0.117               | 0.234 | 555                                     | 0.234               | 0.468  | 485                                     | 0.342               | 0.684 | 405                                     |
| 8 × 15                           | 0.085               | 0.170 | 730                                     | 0.155               | 0.310  | 635                                     | 0.230               | 0.460 | 535                                     |
| 8 × 20                           | 0.065               | 0.130 | 995                                     | 0.120               | 0.240  | 860                                     | 0.178               | 0.356 | 690                                     |
| 10 × 12.5                        | 0.090               | 0.180 | 765                                     | 0.160               | 0.324  | 615                                     | 0.256               | 0.512 | 535                                     |
| 10 × 16                          | 0.068               | 0.136 | 1050                                    | 0.119               | 0.238  | 850                                     | 0.194               | 0.368 | 600                                     |
| 10 × 20                          | 0.052               | 0.104 | 1220                                    | 0.090               | 0.180  | 1030                                    | 0.147               | 0.294 | 885                                     |
| 10 × 25                          | 0.045               | 0.090 | 1440                                    | 0.082               | 0.164  | 1200                                    | 0.130               | 0.260 | 1050                                    |
| 10 × 30                          | 0.035               | 0.070 | 1815                                    | 0.060               | 0.120  | 1610                                    | 0.090               | 0.180 | 1300                                    |
| 12.5 × 15                        | 0.065               | 0.130 | 1205                                    | 0.110               | 0.220  | 1150                                    | 0.150               | 0.300 | 1020                                    |
| 12.5 × 20                        | 0.038               | 0.076 | 1655                                    | 0.063               | 0.126  | 1480                                    | 0.085               | 0.170 | 1285                                    |
| 12.5 × 25                        | 0.030               | 0.060 | 1945                                    | 0.050               | 0.100  | 1832                                    | 0.070               | 0.140 | 1720                                    |
| 12.5 × 30                        | 0.025               | 0.050 | 2310                                    | 0.040               | 0.080  | 2215                                    | 0.055               | 0.110 | 2090                                    |
| 12.5 × 35                        | 0.022               | 0.044 | 2510                                    | 0.034               | 0.068  | 2285                                    | 0.047               | 0.094 | 2265                                    |
| 12.5 × 40                        | 0.018               | 0.036 | 2655                                    | 0.030               | 0.060  | 2590                                    | 0.042               | 0.084 | 2560                                    |
| 16 × 15                          | 0.043               | 0.086 | 1690                                    | 0.080               | 0.160  | 1610                                    | 0.090               | 0.180 | 1410                                    |
| 16 × 20                          | 0.029               | 0.058 | 2205                                    | 0.048               | 0.096  | 1835                                    | 0.059               | 0.118 | 1765                                    |
| 16 × 25                          | 0.022               | 0.044 | 2555                                    | 0.034               | 0.068  | 2235                                    | 0.050               | 0.100 | 2160                                    |
| 16 × 31.5                        | 0.018               | 0.036 | 3010                                    | 0.028               | 0.056  | 2700                                    | 0.043               | 0.086 | 2670                                    |
| 16 × 35.5                        | 0.016               | 0.032 | 3150                                    | 0.025               | 0.050  | 2790                                    | 0.036               | 0.072 | 2770                                    |
| 16 × 40                          | 0.015               | 0.030 | 3360                                    | 0.023               | 0.046  | 2845                                    | 0.030               | 0.060 | 2825                                    |
| 18 × 15                          | 0.038               | 0.076 | 2000                                    | 0.068               | 0.136  | 1900                                    | 0.086               | 0.172 | 1690                                    |
| 18 × 20                          | 0.028               | 0.056 | 2490                                    | 0.042               | 0.084  | 2420                                    | 0.055               | 0.110 | 2290                                    |
| 18 × 25                          | 0.020               | 0.040 | 2740                                    | 0.029               | 0.058  | 2610                                    | 0.043               | 0.086 | 2585                                    |
| 18 × 31.5                        | 0.016               | 0.032 | 3635                                    | 0.025               | 0.050  | 3000                                    | 0.032               | 0.064 | 2950                                    |
| 18 × 35.5                        | 0.015               | 0.030 | 3680                                    | 0.023               | 0.046  | 3100                                    | 0.030               | 0.060 | 3095                                    |
| 18 × 40                          | 0.014               | 0.028 | 3735                                    | -                   | -      | -                                       | 0.025               | 0.050 | 3205                                    |

\*1; Apply to 1μF

\*2; Apply to 2.2, 3.3, 4.7, 10L, 12, 18, and 22μF

\*3

| Case size<br>φD×L (mm) | Capacitance<br>(μF) | Impedance Ω/100kHz |       | Ripple Current<br>mA r.m.s<br>/100 kHz |
|------------------------|---------------------|--------------------|-------|--|
|                        |                     | 20°C               | -10°C |  |
| 5 × 11                 | 1.0                 | 2.40               | 4.80  | 20                                     |
|                        | 2.2                 | 1.30               | 2.60  | 45                                     |
|                        | 3.3                 | 1.30               | 2.60  | 65                                     |
|                        | 4.7                 | 1.30               | 2.60  | 95                                     |
|                        | 10L                 | 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   |  |

■ Standard Products

| W.V.  | Cap.<br>(±20%)<br>(V) | Case size |        | Specification                                  |   |                      | Lead Length       |                  |                      |                      | Part No.       | Min.Packaging Q'ty      |                 |
|-------|-----------------------|-----------|--------|--|---|----------------------|-------------------|------------------|----------------------|----------------------|----------------|-------------------------|-----------------|
|       |                       | Dia.      | Length | Ripple current<br>(100kHz)<br>(+105°C)<br>(mA) | Impedance<br>(100kHz)<br>(+20°C)<br>(Ω) | Endurance<br>(hours) | Lead Dia.<br>(mm) | Lead Space       |                      |                      |                | Straight Leads<br>(pcs) | Taping<br>(pcs) |
|       |                       |           |        |  |   |                      |                   | Straight<br>(mm) | Taping<br>*B<br>(mm) | Taping<br>*H<br>(mm) |                |                         |                 |
| 6.3   | 27                    | 4         | 7      | 65   | 2.0                                     | 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            |
|       | 68                    | 4         | 11     | 120  | 1.30                                    | 1000                 | 0.45              | 1.5              | 5.0                  | 2.5                  | EEUFC0J680( )  | 200                     | 2000            |
|       | 100                   | 5         | 11     | 175  | 0.80                                    | 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            |
|       | 150                   | 5         | 15     | 235  | 0.50                                    | 1000                 | 0.50              | 2.0              | 5.0                  | 2.5                  | EEUFC0J151( )  | 200                     | 2000            |
|       | 220                   | 6.3       | 11.2   | 290  | 0.350                                   | 1000                 | 0.50              | 2.0              | 5.0                  | 2.5                  | EEUFC0J221( )  | 200                     | 2000            |
|       | 270                   | 6.3       | 11.2   | 290  | 0.350                                   | 1000                 | 0.50              | 2.0              | 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            |
|       |                       | 6.3       | 15     | 400  | 0.250                                   | 1000                 | 0.50              | 2.5              | 5.0                  | 2.5                  | EEUFC0J331( )  | 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             |                         |                 |
| 10    | 22                    | 4         | 7      | 65   | 2.0                                     | 1000                 | 0.45              | 1.5              | 5.0                  | 2.5                  | EEAFC1A220( )  | 200                     | 2000            |

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

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■ Standard Products

| W.V.<br>(V) | Cap.<br>(±20%)<br>(μF) | Case size    |                | Specification                                  |   |                      | Lead Length       |                  |                      |                      | Part No.       | Min.Packaging Qty       |                 |
|-------------|------------------------|--------------|----------------|--|---|----------------------|-------------------|------------------|----------------------|----------------------|----------------|-------------------------|-----------------|
|             |                        | Dia.<br>(mm) | Length<br>(mm) | Ripple current<br>(100kHz)<br>(+105°C)<br>(mA) | Impedance<br>(100kHz)<br>(+20°C)<br>(Ω) | Endurance<br>(hours) | Lead Dia.<br>(mm) | Lead Space       |                      |                      |                | Straight Leads<br>(pcs) | Taping<br>(pcs) |
|             |                        |              |                |  |   |                      |                   | Straight<br>(mm) | Taping<br>*B<br>(mm) | Taping<br>*H<br>(mm) |                |                         |                 |
| 10          | 39                     | 5            | 7              | 120  | 0.950                                   | 1000                 | 0.45              | 2.0              | 5.0                  | 2.5                  | EEAFC1A390( )  | 200                     | 2000            |
|             | 47                     | 4            | 11             | 120  | 1.30                                    | 1000                 | 0.45              | 1.5              | 5.0                  | 2.5                  | EEUFC1A470( )  | 200                     | 2000            |
|             | 82                     | 5            | 11             | 175  | 0.80                                    | 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  | 0.80                                    | 1000                 | 0.50              | 2.0              | 5.0                  | 2.5                  | EEUFC1A101S( ) | 200                     | 2000            |
|             |                        | 5            | 15             | 235  | 0.50                                    | 1000                 | 0.50              | 2.0              | 5.0                  | 2.5                  | EEUFC1A101( )  | 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            |
|             |                        | 6.3          | 15             | 400  | 0.250                                   | 1000                 | 0.50              | 2.5              | 5.0                  | 2.5                  | EEUFC1A221( )  | 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=5mm, 7.5mm. H=2.5mm.

■ Standard Products

| W.V.<br>(V) | Cap.<br>( $\mu$ F)<br>( $\pm 20\%$ ) | Case size    |                | Specification                                  |  |                      | Lead Length       |                  |                      |                      | Part No.       | Min. Packaging Qty      |                 |
|-------------|--------------------------------------|--------------|----------------|--|--|----------------------|-------------------|------------------|----------------------|----------------------|----------------|-------------------------|-----------------|
|             |                                      | Dia.<br>(mm) | Length<br>(mm) | Ripple current<br>(100kHz)<br>(+105°C)<br>(mA) | Impedance<br>(100kHz)<br>(+20°C)<br>( $\Omega$ ) | Endurance<br>(hours) | Lead Dia.<br>(mm) | Lead Space       |                      |                      |                | Straight Leads<br>(pcs) | Taping<br>(pcs) |
|             |                                      |              |                |  |  |                      |                   | Straight<br>(mm) | Taping<br>#B<br>(mm) | Taping<br>#H<br>(mm) |                |                         |                 |
| 16          | 15                                   | 4            | 7              | 65   | 2.0  | 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            |
|             | 39                                   | 4            | 11             | 120  | 1.30   | 1000                 | 0.45              | 1.5              | 5.0                  | 2.5                  | EEUFC1C390( )  | 200                     | 2000            |
|             | 47                                   | 5            | 11             | 175  | 0.80   | 1000                 | 0.50              | 2.0              | 5.0                  | 2.5                  | EEUFC1C470( )  | 200                     | 2000            |
|             | 56                                   | 5            | 11             | 175  | 0.80   | 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  | 0.80   | 1000                 | 0.50              | 2.0              | 5.0                  | 2.5                  | EEUFC1C680( )  | 200                     | 2000            |
|             | 82                                   | 5            | 15             | 235  | 0.50   | 1000                 | 0.50              | 2.0              | 5.0                  | 2.5                  | EEUFC1C820( )  | 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            |
|             | 180                                  | 6.3          | 15             | 400  | 0.250  | 1000                 | 0.50              | 2.5              | 5.0                  | 2.5                  | EEUFC1C181( )  | 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             |                         |                 |

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

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■ Standard Products

| W.V. | Cap.<br>(±20%)<br><br>(V) | Case size |        | Specification                                  |   |                      | Lead Length |            |              |                | Part No.       | Min.Packaging Qty |        |
|------|---------------------------|-----------|--------|--|---|----------------------|-------------|------------|--------------|----------------|----------------|-------------------|--------|
|      |                           | Dia.      | Length | Ripple current<br>(100kHz)<br>(+105°C)<br>(mA) | Impedance<br>(100kHz)<br>(+20°C)<br>(Ω) | Endurance<br>(hours) | Lead Dia.   | Lead Space |              |                |                | Straight Leads    | Taping |
|      |                           |           |        |  |   |                      |             | Straight   | Taping<br>*B | Taping<br>*H   |                |                   |        |
| (V)  | (μF)                      | (mm)      | (mm)   | (mA)   | (Ω)                                     | (hours)              | (mm)        | (mm)       | (mm)         | (mm)           |                |                   |        |
| 16   | 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                |        |
| 25   | 10                        | 4         | 7      | 65   | 2.0                                     | 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   |
|      | 27                        | 4         | 11     | 120  | 1.30                                    | 1000                 | 0.45        | 1.5        | 5.0          | 2.5            | EEUFC1E270( )  | 200               | 2000   |
|      | 39                        | 5         | 11     | 175  | 0.80                                    | 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  | 0.80                                    | 1000                 | 0.50        | 2.0        | 5.0          | 2.5            | EEUFC1E470( )  | 200               | 2000   |
|      | 56                        | 5         | 15     | 235  | 0.50                                    | 1000                 | 0.50        | 2.0        | 5.0          | 2.5            | EEUFC1E560( )  | 200               | 2000   |
|      | 82                        | 6.3       | 11.2   | 290  | 0.350                                   | 1000                 | 0.50        | 2.5        | 5.0          | 2.5            | EEUFC1C820( )  | 200               | 2000   |
|      | 100                       | 6.3       | 11.2   | 290  | 0.350                                   | 1000                 | 0.50        | 2.5        | 5.0          | 2.5            | EEUFC1E101S( ) | 200               | 2000   |
|      | 120                       | 6.3       | 15     | 400  | 0.250                                   | 1000                 | 0.50        | 2.5        | 5.0          | 2.5            | EEUFC1E121( )  | 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             |                   |        |

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■ Standard Products

| W.V.<br>(V) | Cap.<br>( $\mu$ F)<br>( $\pm 20\%$ ) | Case size    |                | Specification                                  |  |                      | Lead Length       |                  |                      |                      | Part No.       | Min. Packaging Qty      |                 |
|-------------|--------------------------------------|--------------|----------------|--|--|----------------------|-------------------|------------------|----------------------|----------------------|----------------|-------------------------|-----------------|
|             |                                      | Dia.<br>(mm) | Length<br>(mm) | Ripple current<br>(100kHz)<br>(+105°C)<br>(mA) | Impedance<br>(100kHz)<br>(+20°C)<br>( $\Omega$ ) | Endurance<br>(hours) | Lead Dia.<br>(mm) | Lead Space       |                      |                      |                | Straight Leads<br>(pcs) | Taping<br>(pcs) |
|             |                                      |              |                |  |  |                      |                   | Straight<br>(mm) | Taping<br>*B<br>(mm) | Taping<br>*H<br>(mm) |                |                         |                 |
| 35          | 68                                   | 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            |
|             | 18                                   | 4            | 11             | 120  | 1.300  | 1000                 | 0.45              | 1.5              | 5.0                  | 2.5                  | EEUFC1V180( )  | 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            |
|             | 39                                   | 5            | 15             | 235  | 0.500  | 1000                 | 0.50              | 2.0              | 5.0                  | 2.5                  | EEUFC1V390( )  | 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            |
|             | 82                                   | 6.3          | 15             | 400  | 0.250  | 1000                 | 0.50              | 2.5              | 5.0                  | 2.5                  | EEUFC1V820( )  | 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                     |                 |

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

Design and specifications are subject to change without notice. Ask factory for technical specifications before purchase and/or use. Whenever a doubt about safety arises from this product, please contact us immediately for technical consultation.

**Panasonic**

Aluminum Electrolytic Capacitors/FC

■ Standard Products

| W.V.<br>(V) | Cap.<br>(±20%)<br>(μF) | Case size    |                | Specification                                  |   |                      | Lead Length       |                  |                      |                      | Part No.       | Min.Packaging Q'ty      |                 |
|-------------|------------------------|--------------|----------------|--|---|----------------------|-------------------|------------------|----------------------|----------------------|----------------|-------------------------|-----------------|
|             |                        | Dia.<br>(mm) | Length<br>(mm) | Ripple current<br>(100kHz)<br>(+105°C)<br>(mA) | Impedance<br>(100kHz)<br>(+20°C)<br>(Ω) | Endurance<br>(hours) | Lead Dia.<br>(mm) | Lead Space       |                      |                      |                | Straight Leads<br>(pcs) | Taping<br>(pcs) |
|             |                        |              |                |  |   |                      |                   | Straight<br>(mm) | Taping<br>*B<br>(mm) | Taping<br>*H<br>(mm) |                |                         |                 |
| 35          | 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                      |                 |
|             |                        | 18           | 40             | 3735   | 0.014                                   | 5000                 | 0.80              | 7.5              |                      |                      | EEUFC1V392     | 50                      |                 |
| 50          | 1.0                    | 5            | 11             | 20   | 2.40                                    | 1000                 | 0.50              | 2.0              | 5.0                  | 2.5                  | EEUFC1H1R0( )  | 200                     | 2000            |
|             | 2.2                    | 5            | 11             | 45   | 1.30                                    | 1000                 | 0.50              | 2.0              | 5.0                  | 2.5                  | EEUFC1H2R2( )  | 200                     | 2000            |
|             | 3.3                    | 5            | 11             | 65   | 1.30                                    | 1000                 | 0.50              | 2.0              | 5.0                  | 2.5                  | EEUFC1H3R3( )  | 200                     | 2000            |
|             | 4.7                    | 5            | 11             | 95   | 1.30                                    | 1000                 | 0.50              | 2.0              | 5.0                  | 2.5                  | EEUFC1H4R7( )  | 200                     | 2000            |
|             | 10                     | 4            | 11             | 90   | 2.50                                    | 1000                 | 0.45              | 1.5              | 5.0                  | 2.5                  | EEUFC1H100( )  | 200                     | 2000            |
|             |                        | 5            | 11             | 125  | 1.30                                    | 1000                 | 0.50              | 2.0              | 5.0                  | 2.5                  | EEUFC1H100L( ) | 200                     | 2000            |
|             | 12                     | 5            | 11             | 135  | 1.30                                    | 1000                 | 0.50              | 2.0              | 5.0                  | 2.5                  | EEUFC1H120( )  | 200                     | 2000            |
|             | 15                     | 5            | 11             | 145  | 1.30                                    | 1000                 | 0.50              | 2.0              | 5.0                  | 2.5                  | EEUFC1H150( )  | 200                     | 2000            |
|             | 18                     | 5            | 11             | 155  | 1.30                                    | 1000                 | 0.50              | 2.0              | 5.0                  | 2.5                  | EEUFC1H180( )  | 200                     | 2000            |
|             | 22                     | 5            | 11             | 155  | 1.30                                    | 1000                 | 0.50              | 2.0              | 5.0                  | 2.5                  | EEUFC1H220( )  | 200                     | 2000            |
|             | 27                     | 5            | 15             | 215  | 0.90                                    | 1000                 | 0.50              | 2.0              | 5.0                  | 2.5                  | EEUFC1H270( )  | 200                     | 2000            |
|             | 33                     | 6.3          | 11.2           | 260  | 0.60                                    | 1000                 | 0.50              | 2.5              | 5.0                  | 2.5                  | EEUFC1H330( )  | 200                     | 2000            |
|             | 39                     | 6.3          | 11.2           | 260  | 0.60                                    | 1000                 | 0.50              | 2.5              | 5.0                  | 2.5                  | EEUFC1H390( )  | 200                     | 2000            |
|             | 47                     | 6.3          | 11.2           | 260  | 0.60                                    | 1000                 | 0.50              | 2.5              | 5.0                  | 2.5                  | EEUFC1H470( )  | 200                     | 2000            |
|             | 56                     | 6.3          | 15             | 360  | 0.40                                    | 1000                 | 0.50              | 2.5              | 5.0                  | 2.5                  | EEUFC1H560( )  | 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                 | 0.6               | 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                     |                 |

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Whenever a doubt about safety arises from this product, please contact us immediately for technical consultation.



■ Standard Products

| W.V.<br>(V) | Cap.<br>(±20%)<br>(μF) | Case size    |                | Specification                                  |   |                      | Lead Length       |                  |                      |                      | Part No.       | Min. Packaging Qty      |                 |     |
|-------------|------------------------|--------------|----------------|--|---|----------------------|-------------------|------------------|----------------------|----------------------|----------------|-------------------------|-----------------|-----|
|             |                        | Dia.<br>(mm) | Length<br>(mm) | Ripple current<br>(100kHz)<br>(+105°C)<br>(mA) | Impedance<br>(100kHz)<br>(+20°C)<br>(Ω) | Endurance<br>(hours) | Lead Dia.<br>(mm) | Lead Space       |                      |                      |                | Straight Leads<br>(pcs) | Taping<br>(pcs) |     |
|             |                        |              |                |  |   |                      |                   | Straight<br>(mm) | Taping<br>*B<br>(mm) | Taping<br>*H<br>(mm) |                |                         |                 |     |
| 50          | 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                      |                 |     |
| 63          | 6.8                    | 4            | 11             | 80   | 3.50                                    | 1000                 | 0.45              | 1.5              | 5.0                  | 2.5                  | EEUFC1J6R8( )  | 200                     | 2000            |     |
|             | 12                     | 5            | 11             | 145  | 2.0                                     | 1000                 | 0.50              | 2.0              | 5.0                  | 2.5                  | EEUFC1J120( )  | 200                     | 2000            |     |
|             | 18                     | 5            | 15             | 200  | 1.30                                    | 1000                 | 0.50              | 2.0              | 5.0                  | 2.5                  | EEUFC1J180( )  | 200                     | 2000            |     |
|             | 22                     | 6.3          | 11.2           | 240  | 1.0                                     | 1000                 | 0.50              | 2.5              | 5.0                  | 2.5                  | EEUFC1J220( )  | 200                     | 2000            |     |
|             | 33                     | 6.3          | 11.2           | 240  | 1.0                                     | 1000                 | 0.50              | 2.5              | 5.0                  | 2.5                  | EEUFC1J330( )  | 200                     | 2000            |     |
|             | 39                     | 6.3          | 15             | 330  | 0.70                                    | 1000                 | 0.50              | 2.5              | 5.0                  | 2.5                  | EEUFC1J390( )  | 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             |     |
|             |                        |              | 10             | 25   | 1050                                    | 0.130                | 3000              | 0.60             | 5.0                  | 5.0                  |                | EEUFC1J221( )           | 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             |     |
|             |                        |              |                | 1300   | 0.090                                   | 3000                 | 0.60              | 5.0              |                      |                      |                | EEUFC1J331L             | 100             |     |
|             | 330                    | 10           | 30             | 1300   | 0.090                                   | 3000                 | 0.60              | 5.0              | 5.0                  |                      | EEUFC1J331( )  | 200                     | 500             |     |
|             |                        |              | 12.5           | 20   | 1285                                    | 0.085                | 5000              | 0.60             | 5.0                  | 5.0                  |                | EEUFC1J391( )           | 200             | 500 |
|             | 390                    | 12.5         | 25             | 1720   | 0.070                                   | 5000                 | 0.60              | 5.0              | 5.0                  |                      | EEUFC1J391S( ) | 100                     | 250             |     |
|             |                        |              | 18             | 15   | 1690                                    | 0.086                | 5000              | 0.80             | 7.5                  | 7.5                  |                | EEUFC1J471L             | 100             |     |
|             | 470                    | 12.5         | 30             | 2090   | 0.055                                   | 5000                 | 0.80              | 5.0              |                      |                      | EEUFC1J471( )  | 100                     | 250             |     |
|             |                        |              | 16             | 20   | 1765                                    | 0.059                | 5000              | 0.80             | 7.5                  | 7.5                  |                | EEUFC1J561( )           | 100             | 250 |
|             | 560                    | 16           | 25             | 2160   | 0.050                                   | 5000                 | 0.80              | 7.5              | 7.5                  |                      | EEUFC1J681L    | 100                     |                 |     |
|             | 680                    | 12.5         | 35             | 2265   | 0.047                                   | 5000                 | 0.80              | 5.0              |                      |                      | EEUFC1J681( )  | 100                     | 250             |     |
|             |                        |              | 16             | 25   | 2160                                    | 0.050                | 5000              | 0.80             | 7.5                  | 7.5                  |                | EEUFC1J821S( )          | 100             | 250 |
|             |                        |              | 18             | 20   | 2290                                    | 0.055                | 5000              | 0.80             | 7.5                  | 7.5                  |                | EEUFC1J821L             | 100             |     |
|             | 820                    | 12.5         | 40             | 2560   | 0.042                                   | 5000                 | 0.80              | 5.0              |                      |                      | EEUFC1J821     | 100                     |                 |     |
| 16          |                        |              | 31.5           | 2670   | 0.043                                   | 5000                 | 0.80              | 7.5              | 7.5                  |                      | EEUFC1J821S( ) | 100                     | 250             |     |
| 18          |                        |              | 25             | 2585   | 0.043                                   | 5000                 | 0.80              | 7.5              | 7.5                  |                      | EEUFC1J102U    | 100                     |                 |     |
| 1000        | 16                     | 31.5         | 2670           | 0.043  | 5000                                    | 0.80                 | 7.5               |                  |                      | EEUFC1J102           | 100            |                         |                 |     |
|             |                        | 35.5         | 2770           | 0.036  | 5000                                    | 0.80                 | 7.5               |                  |                      | EEUFC1J122L          | 100            |                         |                 |     |
| 1200        | 16                     | 40           | 2825           | 0.030  | 5000                                    | 0.80                 | 7.5               |                  |                      | EEUFC1J122           | 50             |                         |                 |     |
|             |                        | 18           | 31.5           | 2950   | 0.032                                   | 5000                 | 0.80              | 7.5              |                      |                      | EEUFC1J152     | 50                      |                 |     |
| 1500        | 18                     | 35.5         | 3095           | 0.030  | 5000                                    | 0.80                 | 7.5               |                  |                      | EEUFC1J182           | 50             |                         |                 |     |
| 1800        | 18                     | 40           | 3205           | 0.025  | 5000                                    | 0.80                 | 7.5               |                  |                      |                      |                |                         |                 |     |

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

Design and specifications are subject to change without notice. Ask factory for technical specifications before purchase and/or use.  
Whenever a doubt about safety arises from this product, please contact us immediately for technical consultation.