Panasonic

INDUSTRY

Aluminum Electrolytic Capacitors

Radial Lead Type

FR-A series

Features

Country of origin

● Endurance : 105 °C 5000 h to 10000 h • Low ESR (Same as FM Series)

RoHS compliant

Malaysia

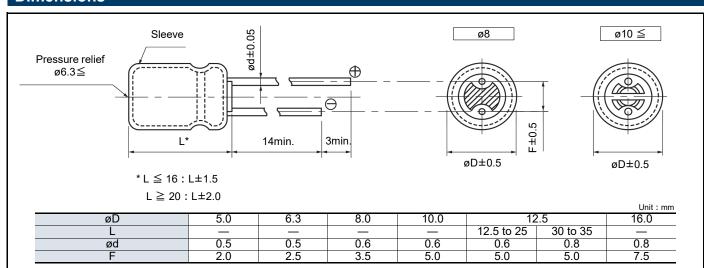
| Specifications |
|----------------------|
| |
| Category temp. range |

| opeomeaneme | | | | | | | | | | |
|---|---|---------------------------------------|-----------|-------------|----------|-----------|----------|--------|------|-----------------|
| Category temp. range | –40 ℃ to +105 ℃ | | | | | | | | | |
| Rated voltage range | 6.3 V to 100 V | | | | | | | | | |
| Capacitance range | | | | 4.7 μF to | 8200 µF | = | | | | |
| Capacitance tolerance | | ±20 % (120 Hz / +20℃) | | | | | | | | |
| Leakage current | | I ≤ 0.01 CV (μA) After 2 minutes | | | | | | | | |
| | Rated voltage (V) | 6.3 | 10 | 16 | 25 | 35 | 50 | 63 | 100 | (400 11- (100%) |
| Dissipation factor (tan δ) | Dissipation factor (tan δ) | 0.22 | 0.19 | 0.16 | 0.14 | 0.12 | 0.10 | 0.09 | 0.08 | (120 Hz /+20℃) |
| | For capacitance value ≥ 1000 | μF, add | d 0.02 pe | er every | 1000 μF. | • | | | | |
| After following life test with DC voltage and +105 °C±2 °C ripple current | | | | | | | value ap | plied | | |
| | (The sum of DC and ripple peak voltage shall not exceed the rated working voltage) when the | | | | | | | | | |
| | capacitors are restored to 20 °C, the capacitors shall meet the limits specified bellow. | | | | | | | | | |
| | Duration | | | | | | | | | |
| | ø5×11, ø6.3×11.2 : 5000 h | | | | | | | | | |
| Endurance | ø8×11.5, ø10×12.5 : 6000 h (* Only EEUFR1V331U (ø10×12.5) 5000 h) | | | | | | | | | |
| | ø8×15, ø10×16 : 8000 h, ø8×20 : 9000 h | | | | | | | | | |
| | ø10×20 to ø10×25, ø12.5×20 to ø12.5×35, ø16×20 to ø16×25 : 10000 h | | | | | | | | | |
| | Capacitance change | Within | ±25 % o | f the initi | al value | (6.3 V to | 10 V : ± | :30 %) | | |
| | Dissipation factor (tan δ) | · · · · · · · · · · · · · · · · · · · | | | | | | | | |
| | DC leakage current Within the initial limit | | | | | | | | | |
| | After storage for 1000 h at +105 ℃±2 ℃ with no voltage applied and then being | | | | | | | | | |
| Shelf life | stabilized at +20 °C, capacitors shall meet the limits specified in endurance. | | | | | | | | | |
| | (With voltage treatment) | | | | | | | | | |

Frequency correction factor for ripple current

| Freq. (Hz) | 60 | 120 | 1 k | 10 k | 100 k |
|--------------|------|------|------|------|-------|
| 4.7 to 33 | 0.45 | 0.55 | 0.75 | 0.90 | 1.00 |
| 47 to 330 | 0.60 | 0.70 | 0.85 | 0.95 | 1.00 |
| 390 to 1000 | 0.65 | 0.75 | 0.90 | 0.98 | 1.00 |
| 1200 to 8200 | 0.75 | 0.80 | 0.95 | 1.00 | 1.00 |

Dimensions



Case size / Impedance / Ripple current

| R. voltage | | 6.3 V to 3 | 35 V | 50 V | | | | |
|----------------|-------|---------------------------|--|-------|--------------------------|--|--|--|
| Case size (mm) | | lance ^{*1} Ω) | Ripple current ^{*1} (mA rms) | • | ance ^{*1} Ω) | Ripple current ^{*1} (mA rms) | | |
| (øD×L) | +20 ℃ | -10 ℃ | +105 ℃ | +20 ℃ | -10 ℃ | +105 °C | | |
| 5 × 11 | 0.300 | 1.000 | 280 | 0.340 | 1.130 | 250 | | |
| 6.3 × 11.2 | 0.130 | 0.430 | 455 | 0.140 | 0.460 | 405 | | |
| 8 × 11.5 | 0.056 | 0.168 | 950 | 0.061 | 0.183 | 870 | | |
| 8 × 15 | 0.041 | 0.123 | 1240 | 0.045 | 0.135 | 1140 | | |
| 8 × 20 | 0.030 | 0.090 | 1560 | 0.033 | 0.099 | 1430 | | |
| 10 × 12.5 | 0.043 | 0.114 | 1290 | 0.042 | 0.126 | 1170 | | |
| 10 × 16 | 0.028 | 0.078 | 1790 | 0.030 | 0.090 | 1650 | | |
| 10 × 20 | 0.020 | 0.057 | 2180 | 0.023 | 0.069 | 1890 | | |
| 10 × 25 | 0.018 | 0.054 | 2470 | 0.022 | 0.066 | 2150 | | |
| 12.5 × 20 | 0.018 | 0.045 | 2600 | 0.022 | 0.055 | 2260 | | |
| 12.5 × 25 | 0.015 | 0.038 | 3190 | 0.018 | 0.045 | 2660 | | |
| 12.5 × 30 | 0.013 | 0.033 | 3630 | 0.016 | 0.040 | 3160 | | |
| 12.5 × 35 | 0.012 | 0.030 | 3750 | 0.014 | 0.035 | 3270 | | |
| 16 × 20 | 0.017 | 0.043 | 3300 | 0.019 | 0.048 | 2870 | | |
| 16 × 25 | 0.014 | 0.035 | 3820 | 0.016 | 0.040 | 3320 | | |

| R. voltage | 63 V | | | | | | | |
|----------------|-------------|--------------------------|--|--|--|--|--|--|
| Case size (mm) | Imped 2) | ance ^{*1} Σ) | Ripple current ^{*1} (mA rms) | | | | | |
| (øD×L) | +20 ℃ | -10 ℃ | +105 °C | | | | | |
| 5 × 11 | 0.510 | 2.040 | 175 | | | | | |
| 6.3 × 11.2 | 0.210 | 0.840 | 284 | | | | | |
| 8 × 11.5 | 0.092 | 0.368 | 566 | | | | | |
| 8 × 15 | 0.068 | 0.272 | 741 | | | | | |
| 8 × 20 | 0.050 | 0.200 | 930 | | | | | |
| 10 × 12.5 | 0.063 | 0.252 | 761 | | | | | |
| 10 × 16 | 0.045 | 0.180 | 1073 | | | | | |
| 10 × 20 | 0.035 | 0.140 | 1229 | | | | | |
| 10 × 25 | 0.033 | 0.132 | 1500 | | | | | |
| 12.5 × 20 | 0.033 | 0.125 | 1582 | | | | | |
| 12.5 × 25 | 0.027 | 0.092 | 1995 | | | | | |
| 12.5 × 30 | 0.024 | 0.082 | 2528 | | | | | |
| 12.5 × 35 | 0.021 | 0.071 | 2780 | | | | | |
| 16 × 20 | 0.029 | 0.093 | 2153 | | | | | |
| 16 × 25 | 0.024 | 0.074 | 2988 | | | | | |

| R. voltage | | 100 V | |
|----------------|-------------|--------------------------|--|
| Case size (mm) | Imped 2) | ance ^{*1} Ω) | Ripple current ^{*1} (mA rms) |
| (øD×L) | +20 °C | -10 ℃ | +105 ℃ |
| 10 × 20 | 0.084 | 0.336 | 1500 |

^{*1: 100} kHz

Case size Min. Packaging Specification Lead length (mm) (mm) Q'ty (PCS) Rated Capacitance (±20 %) Lead space voltage Part No. Impe-Fndu-Lead (µF) Ripple (V) Straight øΠ L dance*2 Taping Taping current*1 rance dia Taping Straight (mA rms) (h) (ød) (Ω) *****B *Н EEUFR0J151() 5.0 11.0 0.300 5000 0.5 2.0 5.0 2.5 200 2000 150 280 220 6.3 11.2 455 0.130 5000 0.5 2.5 5.0 2.5 EEUFR0J221() 200 2000 330 6.3 11.2 455 0.130 5000 0.5 2.5 5.0 2.5 EEUFR0J331() 200 2000 6.3 11.2 455 0.130 5000 0.5 2.5 5.0 2.5 EEUFR0J471() 200 2000 470 820 8.0 11.5 950 0.056 6000 0.6 3.5 5.0 EEUFR0J821() 200 1000 1000 8.0 11.5 950 0.056 6000 0.6 3.5 5.0 EEUFR0J102() 200 1000 15.0 1240 0.041 3.5 5.0 EEUFR0J122L() 200 8.0 8000 0.6 1000 1200 10.0 12.5 1290 0.043 6000 0.6 5.0 5.0 EEUFR0J122() 200 500 1500 8.0 20.0 1560 0.030 9000 0.6 3.5 5.0 EEUFR0J152L() 200 1000 6.3 1800 10.0 16.0 1790 0.028 8000 0.6 5.0 5.0 EEUFR0J182() 200 500 10.0 0.020 2200 20.0 2180 10000 0.6 5.0 5.0 EEUFR0J222() 200 500 2700 10.0 25.0 2470 0.018 10000 0.6 5.0 5.0 EEUFR0J272L() 200 500 3300 10.0 25.0 2470 0.018 10000 0.6 5.0 5.0 EEUFR0J332L() 200 500 3900 12.5 20.0 2600 0.018 10000 0.6 5.0 5.0 EEUFR0J392() 200 500 4700 12.5 25.0 0.015 10000 0.6 5.0 200 3190 5.0 EEUFR0J472() 500 _ 5600 12.5 30.0 3630 0.013 10000 0.8 5.0 EEUFR0J562L 100 _ 12.5 35.0 3750 0.012 10000 8.0 5.0 EEUFR0J682L 100 6800 16.0 20.0 3300 8.0 7.5 100 0.017 10000 7.5 EEUFR0J682S() 250 8200 16.0 25.0 3820 0.014 10000 0.8 7.5 7.5 EEUFR0J822() 100 250 100 5.0 11.0 280 0.300 5000 0.5 2.0 5.0 2.5 EEUFR1A101() 200 2000

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7.5

2.5

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2.5

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EEUFR1A151()

EEUFR1A221()

EEUFR1A271()

EEUFR1A471()

EEUFR1A681()

EEUFR1A821()

EEUFR1A102()

EEUFR1A102L()

EEUFR1A152L()

EEUFR1A152()

EEUFR1A182()

EEUFR1A222L()

EEUFR1A332()

EEUFR1A392()

EEUFR1A472S()

EEUFR1A472L

EEUFR1A562L

EEUFR1A682L

EEUFR1A682(

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10000

150

220

270

470

680

820

1000

1500

1800

2200

3300

3900

4700

5600

6800

10

5.0

6.3

6.3

8.0

8.0

10.0

10.0

8.0

8.0

10.0

10.0

10.0

12.5

12.5

12.5

16.0

12.5

12.5

16.0

11.0

11.2

11.2

11.5

11.5

12.5

16.0

15.0

20.0

16.0

20.0

25.0

20.0

25.0

30.0

20.0

35.0

35.0

25.0

Characteristics list

0.300

0.130

0.130

0.056

0.056

0.043

0.028

0.041

0.030

0.028

0.020

0.018

0.018

0.015

0.013

0.017

0.012

0.012

0.014

280

455

455

950

950

1290

1790

1240

1560

1790

2180

2470

2600

3190

3630

3300

3750

3750

3820

^{*1:} Ripple current (100 kHz / +105 °C)

^{*2:} Impedance (100 kHz / +20 °C)

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

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

Characteristics list Case size Min. Packaging Specification Lead length (mm) Q'ty (PCS) (mm) Rated Capacitance (±20 %) Lead space voltage Part No. Impe-Fndu-Lead (µF) Ripple (V) Straight øΠ L dance*2 Taping current*1 rance dia **Taping** Taping Straight (mA rms) (h) (ød) (Ω) *****B *Н 11.0 0.300 0.5 200 2000 68 5.0 280 5000 2.0 5.0 2.5 EEUFR1C680() 100 5.0 11.0 280 0.300 5000 0.5 2.0 5.0 2.5 EEUFR1C101() 200 2000 120 6.3 11.2 455 0.130 5000 0.5 2.5 5.0 2.5 EEUFR1C121() 200 2000 11.2 220 6.3 455 0.130 5000 0.5 2.5 5.0 2.5 EEUFR1C221() 200 2000 470 8.0 11.5 950 0.056 6000 0.6 3.5 5.0 EEUFR1C471() 200 1000 8000 8.0 15.0 1240 0.041 0.6 3.5 5.0 EEUFR1C681L() 200 1000 __ 680 10.0 12.5 1290 0.043 6000 0.6 5.0 5.0 EEUFR1C681() 200 500 20.0 0.030 9000 0.6 200 1000 8.0 1560 3.5 5.0 EEUFR1C102L() 1000 10.0 16.0 1790 0.028 8000 0.6 5.0 5.0 EEUFR1C102() 200 500 10.0 20.0 2180 0.020 10000 0.6 5.0 5.0 200 500 EEUFR1C152() 1500 16 10.0 25.0 2470 0.018 10000 0.6 5.0 5.0 EEUFR1C152L() 200 500 1800 10.0 25.0 2470 0.018 10000 0.6 5.0 5.0 EEUFR1C182L() 200 500 2200 12.5 20.0 2600 0.018 10000 0.6 5.0 5.0 EEUFR1C222() 200 500 2700 12.5 25.0 3190 0.015 10000 0.6 5.0 5.0 EEUFR1C272() 200 500 12.5 30.0 3630 0.013 10000 8.0 5.0 _ EEUFR1C332L 100 _ _ 3300 16.0 20.0 3300 0.017 10000 8.0 7.5 7.5 EEUFR1C332S(100 250 EEUFR1C392L 100 12.5 35.0 3750 0.012 10000 0.8 5.0 3900 16.0 20.0 3300 0.017 10000 0.8 7.5 7.5 EEUFR1C392S() 100 250 35.0 10000 100 12.5 3750 0.012 8.0 5.0 EEUFR1C472L 4700 16.0 25.0 3820 0.014 10000 0.8 7.5 7.5 EEUFR1C472() 100 250 5600 16.0 25.0 3820 0.014 10000 8.0 7.5 7.5 EEUFR1C562() 100 250 2.0 2.5 47 5.0 11.0 280 0.300 5000 0.5 5.0 EEUFR1E470() 200 2000 68 5.0 11.0 280 0.300 5000 0.5 2.0 5.0 2.5 EEUFR1E680() 200 2000 100 6.3 11.2 455 0.130 5000 0.5 2.5 5.0 2.5 EEUFR1E101() 200 2000 150 6.3 11.2 455 0.130 5000 0.5 2.5 5.0 2.5 EEUFR1E151() 200 2000 3.5 220 8.0 11.5 950 0.056 6000 0.6 5.0 200 1000 EEUFR1E221() 330 8.0 11.5 950 0.056 6000 0.6 3.5 5.0 EEUFR1E331() 200 1000 390 8.0 15.0 1240 0.041 8000 0.6 3.5 5.0 EEUFR1E391L() 200 1000 __ 8.0 15.0 1240 0.041 8000 0.6 3.5 5.0 EEUFR1E471Y() 200 1000 20.0 1560 0.030 9000 0.6 3.5 5.0 200 470 8.0 EEUFR1E471L() 1000 10.0 12.5 1290 0.043 6000 0.6 5.0 5.0 EEUFR1E471() 200 500 560 8.0 20.0 1560 0.030 9000 0.6 3.5 5.0 200 1000 EEUFR1E561L() 8.0 20.0 1560 0.030 9000 0.6 3.5 5.0 EEUFR1E681L() 200 1000 680 25 10.0 16.0 1790 0.028 8000 0.6 5.0 5.0 EEUFR1E681() 200 500 0.6 820 10.0 20.0 2180 0.020 10000 5.0 5.0 EEUFR1E821() 200 500 10000 10.0 20.0 2180 0.020 0.6 5.0 5.0 EEUFR1E102() 200 500 1000 10.0 25.0 2470 0.6 5.0 5.0 200 0.018 10000 EEUFR1E102L() 500 1200 10.0 25.0 2470 0.018 10000 0.6 5.0 5.0 EEUFR1E122L() 200 500 12.5 20.0 2600 10000 0.6 5.0 5.0 200 1500 0.018 EEUFR1E152() 500 12.5 25.0 3190 0.015 10000 0.6 5.0 5.0 EEUFR1E182() 200 500 1800 16.0 20.0 3300 0.017 10000 8.0 7.5 100 7.5 EEUFR1E182S() 250 12.5 30.0 3630 0.013 10000 8.0 5.0 _ EEUFR1E222L 100 _ 2200 16.0 20.0 3300 0.017 10000 8.0 7.5 7.5 EEUFR1E222S(100 250 12.5 100 35.0 3750 0.012 10000 8.0 5.0 EEUFR1E272L 2700 7.5 250 16.0 20.0 3300 0.017 10000 0.8 7.5 EEUFR1E272S(100

3300

3820

25.0

16.0

0.014

10000

250

100

EEUFR1E332()

8.0

7.5

7.5

^{*1:} Ripple current (100 kHz / +105 ℃)

^{*2:} Impedance (100 kHz / +20 °C)

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

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

Characteristics list

| Rated | Capacitance | Case size (mm) | | Specification | | Lead length (mm) | | | | | Min. Pa | ckaging (PCS) | |
|----------------|-----------------|----------------|--------------|------------------|----------------|------------------|--------------|------------|------------|------------|----------------------------------|------------------|--------------|
| voltage (V) | (±20 %) (μF) | øD | L | Ripple current*1 | Impe- | Endu- rance | Lead dia. | L | ead spac | Taping | Part No. | Straight leads | Taping |
| | | | 44.0 | (mA rms) | (Ω) | (h) | (ød) | | *B | *H | EELIED (1) (2007) | 000 | 0000 |
| | 33 68 | 5.0 6.3 | 11.0 11.2 | 280 455 | 0.300 | 5000 5000 | 0.5 0.5 | 2.0 2.5 | 5.0 5.0 | 2.5 2.5 | EEUFR1V330() EEUFR1V680() | 200 200 | 2000 2000 |
| | 100 | 8.0 | 11.5 | 950 | 0.056 | 6000 | 0.6 | 3.5 | 5.0 | | EEUFR1V101() | 200 | 1000 |
| | 180 220 | 8.0 8.0 | 11.5 11.5 | 950 950 | 0.056 0.056 | 6000 6000 | 0.6 0.6 | 3.5 3.5 | 5.0 5.0 | _ | EEUFR1V181() EEUFR1V221() | 200 200 | 1000 1000 |
| | | 8.0 | 15.0 | 1240 | 0.036 | 8000 | 0.6 | 3.5 | 5.0 | | EEUFR1V271L() | 200 | 1000 |
| | 270 | 10.0 | 12.5 | 1290 | 0.043 | 6000 | 0.6 | 5.0 | 5.0 | _ | EEUFR1V271() | 200 | 500 |
| | 330 390 | 10.0 8.0 | 12.5 20.0 | 1330 1560 | 0.043 | 5000 9000 | 0.6 0.6 | 5.0 3.5 | 5.0 5.0 | | EEUFR1V331Ú() EEUFR1V391L() | 200 200 | 500 1000 |
| | 470 | 8.0 | 20.0 | 1560 | 0.030 | 9000 | 0.6 | 3.5 | 5.0 | _ | EEUFR1V471L() | 200 | 1000 |
| 35 | 560 | 10.0 10.0 | 16.0 20.0 | 1790 2180 | 0.028 | 8000 10000 | 0.6 0.6 | 5.0 5.0 | 5.0 5.0 | | EEUFR1V471() EEUFR1V561() | 200 200 | 500 500 |
| 00 | 680 | 10.0 | 20.0 | 2180 | 0.020 | 10000 | 0.6 | 5.0 | 5.0 | _ | EEUFR1V681() | 200 | 500 |
| | 820 | 10.0 10.0 | 25.0 25.0 | 2470 2470 | 0.018 | 10000 10000 | 0.6 0.6 | 5.0 5.0 | 5.0 5.0 | _ | EEUFR1V681L() EEUFR1V821L() | 200 200 | 500 500 |
| | 1000 | 12.5 | 20.0 | 2600 | 0.018 | 10000 | 0.6 | 5.0 | 5.0 | | EEUFR1V102() | 200 | 500 |
| | 1200 | 12.5 12.5 | 25.0 30.0 | 3190 3630 | 0.015 | 10000 | 0.6 | 5.0 5.0 | 5.0 | _ | EEUFR1V122() EEUFR1V152L | 200 100 | 500 |
| | 1500 | 16.0 | 20.0 | 3300 | 0.013 | 10000 10000 | 0.8 | 7.5 | 7.5 | | EEUFR1V152S() | 100 | 250 |
| | 1800 | 12.5 | 35.0 | 3750 | 0.012 | 10000 | 8.0 | 5.0 | _ | _ | EEUFR1V182L | 100 | _ |
| | | 16.0 12.5 | 25.0 35.0 | 3820 3750 | 0.014 | 10000 10000 | 0.8 | 7.5 5.0 | 7.5 | | EEUFR1V182() EEUFR1V222L | 100 100 | 250 |
| | 2200 | 16.0 | 25.0 | 3820 | 0.014 | 10000 | 8.0 | 7.5 | 7.5 | _ | EEUFR1V222() | 100 | 250 |
| | 4.7 10 | 5.0 5.0 | 11.0 11.0 | 185 250 | 0.620 0.340 | 5000 5000 | 0.5 0.5 | 2.0 | 5.0 5.0 | 2.5 2.5 | EEUFR1H4R7() EEUFR1H100() | 200 200 | 2000 |
| | 22 | 5.0 | 11.0 | 250 | 0.340 | 5000 | 0.5 | 2.0 | 5.0 | 2.5 | EEUFR1H220() | 200 | 2000 |
| | 47 56 | 6.3 6.3 | 11.2 11.2 | 405 405 | 0.140 0.140 | 5000 5000 | 0.5 0.5 | 2.5 2.5 | 5.0 5.0 | 2.5 | EEUFR1H470() | 200 200 | 2000 |
| | 100 | 8.0 | 11.5 | 870 | 0.140 | 6000 | 0.6 | 3.5 | 5.0 | 2.5 | EEUFR1H560() EEUFR1H101() | 200 | 1000 |
| | 120 | 8.0 | 15.0 | 1140 | 0.045 | 8000 | 0.6 | 3.5 | 5.0 | _ | EEUFR1H121L() | 200 | 1000 |
| | 150 180 | 10.0 8.0 | 12.5 20.0 | 1170 1430 | 0.042 | 6000 9000 | 0.6 0.6 | 5.0 3.5 | 5.0 5.0 | _ | EEUFR1H151() EEUFR1H181L() | 200 200 | 500 1000 |
| 50 | 220 | 10.0 | 16.0 | 1650 | 0.030 | 8000 | 0.6 | 5.0 | 5.0 | _ | EEUFR1H221(`) | 200 | 500 |
| | 270 330 | 10.0 10.0 | 20.0 25.0 | 1890 2150 | 0.023 | 10000 10000 | 0.6 | 5.0 5.0 | 5.0 5.0 | | EEUFR1H271() EEUFR1H331L() | 200 200 | 500 500 |
| | 470 | 12.5 | 20.0 | 2260 | 0.022 | 10000 | 0.6 | 5.0 | 5.0 | _ | EEUFR1H471() | 200 | 500 |
| | 560 680 | 12.5 12.5 | 25.0 30.0 | 2660 3160 | 0.018 | 10000 | 0.6 | 5.0 5.0 | 5.0 | _ | EEUFR1H561() EEUFR1H681L | 200 100 | 500 |
| | 820 | 12.5 | 35.0 | 3270 | 0.014 | 10000 | 0.8 | 5.0 | | | EEUFR1H821L | 100 | |
| | | 16.0 | 20.0 | 2870 | 0.019 | 10000 | 0.8 | 7.5 | 7.5 | _ | EEUFR1H821S() | 100 | 250 |
| | 1000 18 | 16.0 5.0 | 11.0 | 3320 175 | 0.016 | 5000 | 0.8 | 2.0 | 7.5 5.0 | 2.5 | EEUFR1H102() EEUFR1J180() | 100 200 | 250 2000 |
| | 47 | 6.3 | 11.2 | 284 | 0.210 | 5000 | 0.5 | 2.5 | 5.0 | 2.5 | EEUFR1J470() | 200 | 2000 |
| | 82 | 8.0 | 11.5 15.0 | 566 741 | 0.092 | 6000 8000 | 0.6 | 3.5 3.5 | 5.0 5.0 | _ | EEUFR1J820() EEUFR1J101L() | 200 | 1000 |
| | 100 | 10.0 | 12.5 | 761 | 0.063 | 6000 | 0.6 | 5.0 | 5.0 | _ | EEUFR1J101() | 200 | 500 |
| | 120 | 8.0 | 20.0 | 930 | 0.050 | 9000 | 0.6 | 3.5 5.0 | 5.0 5.0 | | EEUFR1J121L() EEUFR1J121() | 200 200 | 1000 500 |
| | 150 | 8.0 | 20.0 | 930 | 0.050 | 9000 | 0.6 | 3.5 | 5.0 | | EEUFR1J151L() | 200 | 1000 |
| | 180 | 10.0 10.0 | 16.0 20.0 | 1073 1229 | 0.045 | 8000 10000 | 0.6 | 5.0 5.0 | 5.0 5.0 | _ | EEUFR1J151() EEUFR1J181() | 200 200 | 500 500 |
| 63 | 220 | 10.0 | 25.0 | 1500 | 0.033 | 10000 | 0.6 | 5.0 | 5.0 | | EEUFR1J221L() | 200 | 500 |
| | 070 | 10.0 | 20.0 | 1229 | 0.035 | 10000 | 0.6 | 5.0 | 5.0 | _ | EEUFR1J271U() | 200 | 500 |
| | 270 | 10.0 12.5 | 25.0 20.0 | 1500 1582 | 0.033 | 10000 | 0.6 | 5.0 5.0 | 5.0 5.0 | _ | EEUFR1J271L() EEUFR1J271() | 200 200 | 500 500 |
| | 330 | 12.5 | 20.0 | 1582 | 0.033 | 10000 | 0.6 | 5.0 | 5.0 | _ | EEUFR1J331() | 200 | 500 |
| | 390 470 | 12.5 12.5 | 25.0 25.0 | 1995 1995 | 0.027 | 10000 | 0.6 | 5.0 5.0 | 5.0 5.0 | | EEUFR1J391() EEUFR1J471() | 200 200 | 500 500 |
| | 560 | 12.5 | 30.0 | 2528 | 0.024 | 10000 | 8.0 | 5.0 | _ | _ | EEUFR1J561L | 100 | |
| | 680 | 16.0 12.5 | 20.0 35.0 | 2153 2780 | 0.029 | 10000 10000 | 0.8 | 7.5 5.0 | 7.5 | | EEUFR1J561S() EEUFR1J681L | 100 100 | 250 |
| | 820 | 16.0 | 25.0 | 2988 | 0.024 | 10000 | 0.8 | 7.5 | 7.5 | | EEUFR1J821() | 100 | 250 |
| 100 | 100 | 10.0 | 20.0 | 1500 | 0.084 | 10000 | 0.6 | 5.0 | 5.0 | _ | EEUFR2A101() | 200 | 500 |

^{*1:} Ripple current (100 kHz / +105 ℃)

^{*2:} Impedance (100 kHz / +20 °C)

[•] When requesting taped product, please put the letter "B" or "H" be tween the "()". Lead wire pitch *B=5 mm, 7.5 mm, H=2.5 mm.

[•] Please refer to the page of "Taping dimensions".