

Radial Lead Type

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



■ Features

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

■ Specifications

| | | | | | | | | | | |
|--|---|------------------------------------|------|------|------|------|------|------|------|-----------------|
| Category Temp. Range | -55 °C to +105 °C | | | | | | | | | |
| Rated W.V. Range | 6.3 V.DC to 100 V.DC | | | | | | | | | |
| Nominal Cap. Range | 1.0 μF to 15000 μF | | | | | | | | | |
| Capacitance Tolerance | ±20 % (120 Hz/+20 °C) | | | | | | | | | |
| DC Leakage Current | I ≤ 0.01 CV or 3 (μA) After 2 minutes (Whichever is greater) | | | | | | | | | |
| tan δ | W.V. (V) | 6.3 | 10 | 16 | 25 | 35 | 50 | 63 | 100 | (120 Hz/+20 °C) |
| | tan δ | 0.22 | 0.19 | 0.16 | 0.14 | 0.12 | 0.10 | 0.08 | 0.07 | |
| For capacitance value ≥ 1000 μF, add 0.02 per every 1000 μF. | | | | | | | | | | |
| Endurance | After following life test with DC voltage and +105 °C±2 °C ripple current value applied (The sum of DC and ripple peak voltage shall not exceed the rated working voltage) when the capacitors are restored to 20 °C, the capacitors shall meet the limits specified below. Duration : φ4 to φ6.3: 1000 hours, φ8: 2000 hours, φ10: 3000 hours, φ12.5 to φ18: 5000 hours | | | | | | | | | |
| | Capacitance change | ±20 % of initial measured value | | | | | | | | |
| | tan δ | ≤ 200 % of initial specified value | | | | | | | | |
| | DC leakage current | ≤ initial specified value | | | | | | | | |
| Shelf Life | After storage for 1000 hours at +105 °C±2 °C with no voltage applied and then being stabilized at +20 °C, capacitors shall meet the limits specified in Endurance. (With voltage treatment) | | | | | | | | | |

■ Frequency correction factor for ripple current

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

■ Dimensions in mm (not to scale)



| | L≥11 | | | | | | | | | L=7 | | |
|---------------|------|-----|-----|-----|-----|----------|----------|-----|------|------|------|--|
| Body Dia. φD | 4 | 5 | 6.3 | 8 | 10 | 12.5 | 16 | 18 | 4 | 5 | 6.3 | |
| Body Length L | | | | | | 15 to 25 | 30 to 40 | | | | | |
| Lead Dia. φd | 0.45 | 0.5 | 0.5 | 0.6 | 0.6 | 0.6 | 0.8 | 0.8 | 0.45 | 0.45 | 0.45 | |
| Lead space F | 1.5 | 2.0 | 2.5 | 3.5 | 5.0 | 5.0 | 5.0 | 7.5 | 7.5 | 1.5 | 2.0 | |

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00 Sep. 2010

■ Case size/ Impedance/ Ripple Current

| W.V(V.DC) Case size (φD×L) | 6.3 V to 35 V | | | 50 V | | | 63 V | | | 100 V | | |
|----------------------------------|----------------------------|--------|---|----------------------------|---------|---|----------------------------|--------|---|----------------------------|--------|---|
| | Impedance (Ω)/(100 kHz) | | Ripple Current (mA r.m.s) /(100 kHz) | Impedance (Ω)/(100 kHz) | | Ripple Current (mA r.m.s) /(100 kHz) | Impedance (Ω)/(100 kHz) | | Ripple Current (mA r.m.s) /(100 kHz) | Impedance (Ω)/(100 kHz) | | Ripple Current (mA r.m.s) /(100 kHz) |
| | 20 °C | -10 °C | | 20 °C | -10 °C | | 20 °C | -10 °C | | 20 °C | -10 °C | |
| 4 × 7 | 2.00 | 5.00 | 65 | | | | | | | | | |
| 5 × 7 | 0.950 | 2.40 | 120 | | | | | | | | | |
| 6.3 × 7 | 0.450 | 1.20 | 200 | | | | | | | | | |
| 4 × 11 | 1.30 | 2.60 | 120 | 2.50 | 5.00 | 90 | 3.50 | 7.00 | 80 | | | |
| 5 × 11 | 0.800 | 1.60 | 175 | 2.40 *1 | 4.80 *1 | *3 | 2.00 | 4.00 | 145 | 4.10 | 8.20 | 80 |
| | | | | *2, *3 | *2, *3 | *3 | | | | | | |
| 5 × 15 | 0.500 | 1.00 | 235 | 0.900 | 1.80 | 215 | 1.30 | 2.60 | 200 | 2.80 | 5.60 | 90 |
| 6.3 × 11.2 | 0.350 | 0.700 | 290 | 0.600 | 1.20 | 260 | 1.00 | 2.00 | 240 | 1.80 | 3.60 | 114 |
| 6.3 × 15 | 0.250 | 0.500 | 400 | 0.400 | 0.800 | 360 | 0.700 | 1.40 | 330 | 1.10 | 2.20 | 155 |
| 8 × 11.5 | 0.117 | 0.234 | 555 | 0.234 | 0.468 | 485 | 0.342 | 0.684 | 405 | 0.680 | 1.36 | 260 |
| 8 × 15 | 0.085 | 0.170 | 730 | 0.155 | 0.310 | 635 | 0.230 | 0.460 | 535 | 0.450 | 0.900 | 340 |
| 8 × 20 | 0.065 | 0.130 | 995 | 0.120 | 0.240 | 860 | 0.178 | 0.356 | 690 | 0.330 | 0.660 | 455 |
| 10 × 12.5 | 0.090 | 0.180 | 755 | 0.162 | 0.324 | 615 | 0.256 | 0.512 | 535 | 0.530 | 1.06 | 306 |
| 10 × 16 | 0.068 | 0.136 | 1050 | 0.119 | 0.238 | 850 | 0.194 | 0.388 | 600 | 0.360 | 0.720 | 400 |
| 10 × 20 | 0.052 | 0.104 | 1220 | 0.090 | 0.180 | 1030 | 0.147 | 0.294 | 885 | 0.240 | 0.480 | 463 |
| 10 × 25 | 0.045 | 0.090 | 1440 | 0.082 | 0.164 | 1200 | 0.130 | 0.260 | 1050 | 0.210 | 0.420 | 599 |
| 10 × 30 | 0.035 | 0.070 | 1815 | 0.060 | 0.120 | 1610 | 0.090 | 0.180 | 1300 | 0.150 | 0.300 | 698 |
| 12.5 × 15 | 0.065 | 0.130 | 1205 | 0.110 | 0.220 | 1150 | 0.150 | 0.300 | 1020 | 0.230 | 0.460 | 511 |
| 12.5 × 20 | 0.038 | 0.076 | 1655 | 0.063 | 0.126 | 1480 | 0.085 | 0.170 | 1285 | 0.180 | 0.360 | 671 |
| 12.5 × 25 | 0.030 | 0.060 | 1945 | 0.050 | 0.100 | 1832 | 0.070 | 0.140 | 1720 | 0.110 | 0.220 | 807 |
| 12.5 × 30 | 0.025 | 0.050 | 2310 | 0.040 | 0.080 | 2215 | 0.055 | 0.110 | 2090 | 0.098 | 0.196 | 937 |
| 12.5 × 35 | 0.022 | 0.044 | 2510 | 0.034 | 0.068 | 2285 | 0.047 | 0.094 | 2265 | 0.087 | 0.174 | 1040 |
| 12.5 × 40 | 0.018 | 0.036 | 2655 | 0.030 | 0.060 | 2590 | 0.042 | 0.084 | 2560 | 0.072 | 0.144 | 1130 |
| 16 × 15 | 0.043 | 0.086 | 1690 | 0.080 | 0.160 | 1610 | 0.090 | 0.180 | 1410 | 0.140 | 0.280 | 793 |
| 16 × 20 | 0.029 | 0.058 | 2205 | 0.048 | 0.096 | 1835 | 0.059 | 0.118 | 1765 | 0.110 | 0.220 | 995 |
| 16 × 25 | 0.022 | 0.044 | 2555 | 0.034 | 0.068 | 2235 | 0.050 | 0.100 | 2160 | 0.089 | 0.178 | 1170 |
| 16 × 31.5 | 0.018 | 0.036 | 3010 | 0.028 | 0.056 | 2700 | 0.043 | 0.086 | 2670 | 0.062 | 0.124 | 1520 |
| 16 × 35.5 | 0.016 | 0.032 | 3150 | 0.025 | 0.050 | 2790 | 0.036 | 0.072 | 2770 | 0.053 | 0.106 | 1730 |
| 16 × 40 | 0.015 | 0.030 | 3360 | 0.023 | 0.046 | 2845 | 0.030 | 0.060 | 2825 | 0.047 | 0.094 | 1920 |
| 18 × 15 | 0.038 | 0.076 | 2000 | 0.068 | 0.136 | 1900 | 0.086 | 0.172 | 1690 | 0.120 | 0.240 | 917 |
| 18 × 20 | 0.028 | 0.056 | 2490 | 0.042 | 0.084 | 2420 | 0.055 | 0.110 | 2290 | 0.080 | 0.160 | 1230 |
| 18 × 25 | 0.020 | 0.040 | 2740 | 0.029 | 0.058 | 2610 | 0.043 | 0.086 | 2585 | 0.070 | 0.140 | 1420 |
| 18 × 31.5 | 0.016 | 0.032 | 3635 | 0.025 | 0.050 | 3000 | 0.032 | 0.064 | 2950 | 0.062 | 0.124 | 1600 |
| 18 × 35.5 | 0.015 | 0.030 | 3680 | 0.023 | 0.046 | 3100 | 0.030 | 0.060 | 3095 | 0.041 | 0.082 | 1770 |
| 18 × 40 | 0.014 | 0.028 | 3735 | - | - | - | 0.025 | 0.050 | 3205 | 0.036 | 0.072 | 2300 |

*1 : Apply to 1 μF

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

*3

| Case size (φD×L) | Capacitance (μF) | Impedance (Ω)/(100 kHz) | | Ripple Current (mA r.m.s)(100 kHz) |
|---------------------|---------------------|-------------------------|--------|---------------------------------------|
| | | 20 °C | -10 °C | |
| 5 × 11 | 1.0 | 2.40 | 4.80 | 20 |
| | 2.2 | 1.80 | 3.60 | 45 |
| | 3.3 | 1.30 | 2.60 | 65 |
| | 4.7 | 1.30 | 2.60 | 95 |
| | 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 | |

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Should a safety concern arise regarding this product, please be sure to contact us immediately.

00 Sep. 2010

■ Standard Products

| W.V. (V) | Cap. (±20 %) (μF) | Case size | | Specification | | | Lead Length | | | Part No. | Min. Packaging Q'ty | | |
|-------------|-------------------------|--------------|----------------|---|---|----------------------|-------------------|------------------|----------------------|----------------|-------------------------|-----------------|----------------------|
| | | Dia. (mm) | Length (mm) | Ripple Current (100 kHz) (+105 °C) (mA r.m.s.) | Impedance (100 kHz) (+20 °C) (Ω) | Endurance (hours) | Lead Dia. (mm) | Lead Space | | | Straight Leads (pcs) | Taping (pcs) | |
| | | | | | | | | Straight (mm) | Taping *B (mm) | | | | Taping *H (mm) |
| 6.3 | 27 | 4 | 7 | 65 | 2.000 | 1000 | 0.45 | 1.5 | 5.0 | 2.5 | EEAFC0J270() | 200 | 2000 |
| | 56 | 5 | 7 | 120 | 0.950 | 1000 | 0.45 | 2.0 | 5.0 | 2.5 | EEAFC0J560() | 200 | 2000 |
| | 68 | 4 | 11 | 120 | 1.300 | 1000 | 0.45 | 1.5 | 5.0 | 2.5 | EEUFC0J680() | 200 | 2000 |
| | 100 | 5 | 11 | 175 | 0.800 | 1000 | 0.50 | 2.0 | 5.0 | 2.5 | EEUFC0J101() | 200 | 2000 |
| | 120 | 6.3 | 7 | 200 | 0.450 | 1000 | 0.45 | 2.5 | 5.0 | 2.5 | EEAFC0J121() | 200 | 2000 |
| | 150 | 5 | 15 | 235 | 0.500 | 1000 | 0.50 | 2.0 | 5.0 | 2.5 | EEUFC0J151() | 200 | 2000 |
| | 220 | 6.3 | 11.2 | 290 | 0.350 | 1000 | 0.50 | 2.5 | 5.0 | 2.5 | EEUFC0J221() | 200 | 2000 |
| | 270 | 6.3 | 11.2 | 290 | 0.350 | 1000 | 0.50 | 2.5 | 5.0 | 2.5 | EEUFC0J271() | 200 | 2000 |
| | 330 | 6.3 | 11.2 | 290 | 0.350 | 1000 | 0.50 | 2.5 | 5.0 | 2.5 | EEUFC0J331S() | 200 | 2000 |
| | | 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 | | |

When requesting taped product, please put the letter "B" or "H" between the "()". Lead wire pitch B=5 mm, 7.5 mm, H=2.5 mm. The taping dimensions are explained on EE189 of our Catalog. Please use it as a reference guide.

Standard Products

| W.V. (V) | Cap. (±20 %) (μF) | Case size | | Specification | | | Lead Length | | | Part No. | Min. Packaging Q'ty | | |
|-------------|-------------------------|--------------|----------------|---|---|----------------------|-------------------|------------------|----------------------|----------------|-------------------------|-----------------|----------------------|
| | | Dia. (mm) | Length (mm) | Ripple Current (100 kHz) (+105 °C) (mA r.m.s.) | Impedance (100 kHz) (+20 °C) (Ω) | Endurance (hours) | Lead Dia. (mm) | Lead Space | | | Straight Leads (pcs) | Taping (pcs) | |
| | | | | | | | | Straight (mm) | Taping *B (mm) | | | | Taping *H (mm) |
| 10 | 22 | 4 | 7 | 65 | 2.000 | 1000 | 0.45 | 1.5 | 5.0 | 2.5 | EEAFC1A220() | 200 | 2000 |
| | 39 | 5 | 7 | 120 | 0.950 | 1000 | 0.45 | 2.0 | 5.0 | 2.5 | EEAFC1A390() | 200 | 2000 |
| | 47 | 4 | 11 | 120 | 1.300 | 1000 | 0.45 | 1.5 | 5.0 | 2.5 | EEUFC1A470() | 200 | 2000 |
| | 82 | 5 | 11 | 175 | 0.800 | 1000 | 0.50 | 2.0 | 5.0 | 2.5 | EEUFC1A820() | 200 | 2000 |
| | | 6.3 | 7 | 200 | 0.450 | 1000 | 0.45 | 2.5 | 5.0 | 2.5 | EEAFC1A820() | 200 | 2000 |
| | 100 | 5 | 11 | 175 | 0.800 | 1000 | 0.50 | 2.0 | 5.0 | 2.5 | EEUFC1A101S() | 200 | 2000 |
| | | 5 | 15 | 235 | 0.500 | 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 | | |

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■ Standard Products

| W.V. (V) | Cap. (±20 %) (μF) | Case size | | Specification | | | Lead Length | | | | Part No. | Min. Packaging Q'ty | |
|-------------|-------------------------|--------------|----------------|---|---|----------------------|-------------------|------------------|----------------------|----------------------|----------------|-------------------------|-----------------|
| | | Dia. (mm) | Length (mm) | Ripple Current (100 kHz) (+105 °C) (mA r.m.s.) | Impedance (100 kHz) (+20 °C) (Ω) | Endurance (hours) | Lead Dia. (mm) | Lead Space | | | | Straight Leads (pcs) | Taping (pcs) |
| | | | | | | | | Straight (mm) | Taping *B (mm) | Taping *H (mm) | | | |
| 16 | 15 | 4 | 7 | 65 | 2.000 | 1000 | 0.45 | 1.5 | 5.0 | 2.5 | EEAFC1C150() | 200 | 2000 |
| | 27 | 5 | 7 | 120 | 0.950 | 1000 | 0.45 | 2.0 | 5.0 | 2.5 | EEAFC1C270() | 200 | 2000 |
| | 39 | 4 | 11 | 120 | 1.30 | 1000 | 0.45 | 1.5 | 5.0 | 2.5 | EEUFC1C390() | 200 | 2000 |
| | 47 | 5 | 11 | 175 | 0.800 | 1000 | 0.50 | 2.0 | 5.0 | 2.5 | EEUFC1C470() | 200 | 2000 |
| | 56 | 5 | 11 | 175 | 0.800 | 1000 | 0.50 | 2.0 | 5.0 | 2.5 | EEUFC1C560() | 200 | 2000 |
| | | 6.3 | 7 | 200 | 0.450 | 1000 | 0.45 | 2.5 | 5.0 | 2.5 | EEAFC1C560() | 200 | 2000 |
| | 68 | 5 | 11 | 175 | 0.800 | 1000 | 0.50 | 2.0 | 5.0 | 2.5 | EEUFC1C680() | 200 | 2000 |
| | 82 | 5 | 15 | 235 | 0.500 | 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 | | |
| 6800 | 16 | 40 | 3360 | 0.015 | 5000 | 0.80 | 7.5 | | | EEUFC1C682 | 100 | | |
| 8200 | 18 | 35.5 | 3680 | 0.015 | 5000 | 0.80 | 7.5 | | | EEUFC1C822 | 50 | | |

When requesting taped product, please put the letter "B" or "H" between the "()". Lead wire pitch B=5 mm, 7.5 mm, H=2.5 mm. The taping dimensions are explained on EE189 of our Catalog. Please use it as a reference guide.

Design and specifications are each subject to change without notice. Ask factory for the current technical specifications before purchase and/or use. Should a safety concern arise regarding this product, please be sure to contact us immediately.

Standard Products

| W.V. (V) | Cap. (±20 %) (μF) | Case size | | Specification | | | Lead Length | | | Part No. | Min. Packaging Q'ty | | |
|-------------|-------------------------|--------------|----------------|---|---|----------------------|-------------------|------------------|----------------------|----------------|-------------------------|-----------------|----------------------|
| | | Dia. (mm) | Length (mm) | Ripple Current (100 kHz) (+105 °C) (mA r.m.s.) | Impedance (100 kHz) (+20 °C) (Ω) | Endurance (hours) | Lead Dia. (mm) | Lead Space | | | Straight Leads (pcs) | Taping (pcs) | |
| | | | | | | | | Straight (mm) | Taping *B (mm) | | | | Taping *H (mm) |
| 25 | 10 | 4 | 7 | 65 | 2.000 | 1000 | 0.45 | 1.5 | 5.0 | 2.5 | EEAFC1E100() | 200 | 2000 |
| | 22 | 5 | 7 | 120 | 0.950 | 1000 | 0.45 | 2.0 | 5.0 | 2.5 | EEAFC1E220() | 200 | 2000 |
| | 27 | 4 | 11 | 120 | 1.30 | 1000 | 0.45 | 1.5 | 5.0 | 2.5 | EEUFC1E270() | 200 | 2000 |
| | 39 | 5 | 11 | 175 | 0.800 | 1000 | 0.50 | 2.0 | 5.0 | 2.5 | EEUFC1E390() | 200 | 2000 |
| | | 6.3 | 7 | 200 | 0.450 | 1000 | 0.45 | 2.5 | 5.0 | 2.5 | EEAFC1E390() | 200 | 2000 |
| | 47 | 5 | 11 | 175 | 0.800 | 1000 | 0.50 | 2.0 | 5.0 | 2.5 | EEUFC1E470() | 200 | 2000 |
| | 56 | 5 | 15 | 235 | 0.500 | 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 | EEUFC1E820() | 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 | | |

When requesting taped product, please put the letter "B" or "H" between the "()". Lead wire pitch B=5 mm, 7.5 mm, H=2.5 mm. The taping dimensions are explained on EE189 of our Catalog. Please use it as a reference guide.

Standard Products

| W.V. (V) | Cap. (±20 %) (μF) | Case size | | Specification | | | Lead Length | | | Part No. | Min. Packaging Q'ty | | |
|-------------|-------------------------|--------------|----------------|---|---|----------------------|-------------------|------------------|----------------------|----------------|-------------------------|-----------------|----------------------|
| | | Dia. (mm) | Length (mm) | Ripple Current (100 kHz) (+105 °C) (mA r.m.s.) | Impedance (100 kHz) (+20 °C) (Ω) | Endurance (hours) | Lead Dia. (mm) | Lead Space | | | Straight Leads (pcs) | Taping (pcs) | |
| | | | | | | | | Straight (mm) | Taping *B (mm) | | | | Taping *H (mm) |
| 35 | 6.8 | 4 | 7 | 65 | 2.000 | 1000 | 0.45 | 1.5 | 5.0 | 2.5 | EEAFC1V6R8() | 200 | 2000 |
| | 12 | 5 | 7 | 120 | 0.950 | 1000 | 0.45 | 2.0 | 5.0 | 2.5 | EEAFC1V120() | 200 | 2000 |
| | 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 | |
| 2700 | 16 | 35.5 | 3150 | 0.016 | 5000 | 0.80 | 7.5 | | | EEUFC1V272L | 100 | | |
| | 18 | 31.5 | 3635 | 0.016 | 5000 | 0.80 | 7.5 | | | EEUFC1V272 | 50 | | |
| 3300 | 18 | 35.5 | 3680 | 0.015 | 5000 | 0.80 | 7.5 | | | EEUFC1V332 | 50 | | |
| 3900 | 18 | 40 | 3735 | 0.014 | 5000 | 0.80 | 7.5 | | | EEUFC1V392 | 50 | | |

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00 Sep. 2010

Standard Products

| W.V. (V) | Cap. (±20 %) (μF) | Case size | | Specification | | | Lead Length | | | Part No. | Min. Packaging Q'ty | | |
|-------------|-------------------------|--------------|----------------|---|---|----------------------|-------------------|------------------|----------------------|---------------|-------------------------|-----------------|----------------------|
| | | Dia. (mm) | Length (mm) | Ripple Current (100 kHz) (+105 °C) (mA r.m.s.) | Impedance (100 kHz) (+20 °C) (Ω) | Endurance (hours) | Lead Dia. (mm) | Lead Space | | | Straight Leads (pcs) | Taping (pcs) | |
| | | | | | | | | Straight (mm) | Taping *B (mm) | | | | Taping *H (mm) |
| 50 | 1.0 | 5 | 11 | 20 | 2.400 | 1000 | 0.50 | 2.0 | 5.0 | 2.5 | EEUF1H1R0() | 200 | 2000 |
| | 2.2 | 5 | 11 | 45 | 1.800 | 1000 | 0.50 | 2.0 | 5.0 | 2.5 | EEUF1H2R2() | 200 | 2000 |
| | 3.3 | 5 | 11 | 65 | 1.300 | 1000 | 0.50 | 2.0 | 5.0 | 2.5 | EEUF1H3R3() | 200 | 2000 |
| | 4.7 | 5 | 11 | 95 | 1.300 | 1000 | 0.50 | 2.0 | 5.0 | 2.5 | EEUF1H4R7() | 200 | 2000 |
| | 10 | 4 | 11 | 90 | 2.500 | 1000 | 0.45 | 1.5 | 5.0 | 2.5 | EEUF1H100() | 200 | 2000 |
| | | 5 | 11 | 125 | 1.300 | 1000 | 0.50 | 2.0 | 5.0 | 2.5 | EEUF1H100L() | 200 | 2000 |
| | 12 | 5 | 11 | 135 | 1.300 | 1000 | 0.50 | 2.0 | 5.0 | 2.5 | EEUF1H120() | 200 | 2000 |
| | 15 | 5 | 11 | 145 | 1.300 | 1000 | 0.50 | 2.0 | 5.0 | 2.5 | EEUF1H150() | 200 | 2000 |
| | 18 | 5 | 11 | 155 | 1.300 | 1000 | 0.50 | 2.0 | 5.0 | 2.5 | EEUF1H180() | 200 | 2000 |
| | 22 | 5 | 11 | 155 | 1.300 | 1000 | 0.50 | 2.0 | 5.0 | 2.5 | EEUF1H220() | 200 | 2000 |
| | 27 | 5 | 15 | 215 | 0.900 | 1000 | 0.50 | 2.0 | 5.0 | 2.5 | EEUF1H270() | 200 | 2000 |
| | 33 | 6.3 | 11.2 | 260 | 0.600 | 1000 | 0.50 | 2.5 | 5.0 | 2.5 | EEUF1H330() | 200 | 2000 |
| | 39 | 6.3 | 11.2 | 260 | 0.600 | 1000 | 0.50 | 2.5 | 5.0 | 2.5 | EEUF1H390() | 200 | 2000 |
| | 47 | 6.3 | 11.2 | 260 | 0.600 | 1000 | 0.50 | 2.5 | 5.0 | 2.5 | EEUF1H470() | 200 | 2000 |
| | 56 | 6.3 | 15 | 360 | 0.400 | 1000 | 0.50 | 2.5 | 5.0 | 2.5 | EEUF1H560() | 200 | 2000 |
| | 68 | 8 | 11.5 | 485 | 0.234 | 2000 | 0.60 | 3.5 | 5.0 | | EEUF1H680() | 200 | 1000 |
| | 82 | 8 | 11.5 | 485 | 0.234 | 2000 | 0.60 | 3.5 | 5.0 | | EEUF1H820() | 200 | 1000 |
| | 100 | 10 | 12.5 | 615 | 0.162 | 3000 | 0.60 | 5.0 | 5.0 | | EEUF1H101() | 200 | 500 |
| | 120 | 8 | 15 | 635 | 0.155 | 2000 | 0.60 | 3.5 | 5.0 | | EEUF1H121L() | 200 | 1000 |
| | | 10 | 12.5 | 615 | 0.162 | 3000 | 0.60 | 5.0 | 5.0 | | EEUF1H121() | 200 | 500 |
| | 150 | 10 | 16 | 850 | 0.119 | 3000 | 0.60 | 5.0 | 5.0 | | EEUF1H151() | 200 | 500 |
| | 180 | 8 | 20 | 860 | 0.120 | 2000 | 0.60 | 3.5 | 5.0 | | EEUF1H181L() | 200 | 1000 |
| | | 10 | 16 | 850 | 0.119 | 3000 | 0.60 | 5.0 | 5.0 | | EEUF1H181() | 200 | 500 |
| | 220 | 10 | 20 | 1030 | 0.090 | 3000 | 0.60 | 5.0 | 5.0 | | EEUF1H221() | 200 | 500 |
| | | 12.5 | 15 | 1150 | 0.110 | 5000 | 0.60 | 5.0 | 5.0 | | EEUF1H221S() | 200 | 500 |
| | 270 | 10 | 25 | 1200 | 0.082 | 3000 | 0.60 | 5.0 | 5.0 | | EEUF1H271() | 200 | 500 |
| | 330 | 10 | 30 | 1610 | 0.060 | 3000 | 0.60 | 5.0 | | | EEUF1H331L | 100 | |
| | | 12.5 | 20 | 1480 | 0.063 | 5000 | 0.60 | 5.0 | 5.0 | | EEUF1H331() | 200 | 500 |
| 390 | 12.5 | 20 | 1480 | 0.063 | 5000 | 0.60 | 5.0 | 5.0 | | EEUF1H391() | 200 | 500 | |
| | 16 | 15 | 1610 | 0.080 | 5000 | 0.80 | 7.5 | 7.5 | | EEUF1H391S() | 100 | 250 | |
| 470 | 10 | 30 | 1610 | 0.060 | 3000 | 0.60 | 5.0 | | | EEUF1H471L | 100 | | |
| | 12.5 | 25 | 1832 | 0.050 | 5000 | 0.60 | 5.0 | 5.0 | | EEUF1H471() | 200 | 500 | |
| 560 | 12.5 | 25 | 1832 | 0.050 | 5000 | 0.60 | 5.0 | 5.0 | | EEUF1H561() | 200 | 500 | |
| | 18 | 15 | 1900 | 0.068 | 5000 | 0.80 | 7.5 | 7.5 | | EEUF1H561S() | 100 | 250 | |
| 680 | 12.5 | 30 | 2215 | 0.040 | 5000 | 0.80 | 5.0 | | | EEUF1H681L | 100 | | |
| | 16 | 20 | 1835 | 0.048 | 5000 | 0.80 | 7.5 | 7.5 | | EEUF1H681() | 100 | 250 | |
| 820 | 12.5 | 35 | 2285 | 0.034 | 5000 | 0.80 | 5.0 | | | EEUF1H821L | 100 | | |
| | 18 | 20 | 2420 | 0.042 | 5000 | 0.80 | 7.5 | 7.5 | | EEUF1H821() | 100 | 250 | |
| 1000 | 12.5 | 40 | 2590 | 0.030 | 5000 | 0.80 | 5.0 | | | EEUF1H102L | 100 | | |
| | 16 | 25 | 2235 | 0.034 | 5000 | 0.80 | 7.5 | 7.5 | | EEUF1H102() | 100 | 250 | |
| 1200 | 16 | 31.5 | 2700 | 0.028 | 5000 | 0.80 | 7.5 | | | EEUF1H122 | 100 | | |
| | 18 | 25 | 2610 | 0.029 | 5000 | 0.80 | 7.5 | 7.5 | | EEUF1H122S() | 100 | 250 | |
| 1500 | 16 | 35.5 | 2790 | 0.025 | 5000 | 0.80 | 7.5 | | | EEUF1H152L | 100 | | |
| 1800 | 16 | 40 | 2845 | 0.023 | 5000 | 0.80 | 7.5 | | | EEUF1H182L | 100 | | |
| | 18 | 31.5 | 3000 | 0.025 | 5000 | 0.80 | 7.5 | | | EEUF1H182 | 50 | | |
| 2200 | 18 | 35.5 | 3100 | 0.023 | 5000 | 0.80 | 7.5 | | | EEUF1H222 | 50 | | |

When requesting taped product, please put the letter "B" or "H" between the "()". Lead wire pitch B=5 mm, 7.5 mm, H=2.5 mm. The taping dimensions are explained on EE189 of our Catalog. Please use it as a reference guide.

Design and specifications are each subject to change without notice. Ask factory for the current technical specifications before purchase and/or use. Should a safety concern arise regarding this product, please be sure to contact us immediately.

00 Sep. 2010

Standard Products

| W.V. (V) | Cap. (±20 %) (μF) | Case size | | Specification | | | Lead Length | | | | Part No. | Min. Packaging Qty | |
|-------------|-----------------------------|--------------|----------------|---|---|----------------------|-------------------|------------------|----------------------|----------------------|----------------|-------------------------|-----------------|
| | | Dia. (mm) | Length (mm) | Ripple Current (100 kHz) (+105 °C) (mA r.m.s.) | Impedance (100 kHz) (+20 °C) (Ω) | Endurance (hours) | Lead Dia. (mm) | Lead Space | | | | Straight Leads (pcs) | Taping (pcs) |
| | | | | | | | | Straight (mm) | Taping *B (mm) | Taping *H (mm) | | | |
| 63 | 6.8 | 4 | 11 | 80 | 3.500 | 1000 | 0.45 | 1.5 | 5.0 | 2.5 | EEUFC1J6R8() | 200 | 2000 |
| | 12 | 5 | 11 | 145 | 2.000 | 1000 | 0.50 | 2.0 | 5.0 | 2.5 | EEUFC1J120() | 200 | 2000 |
| | 18 | 5 | 15 | 200 | 1.300 | 1000 | 0.50 | 2.0 | 5.0 | 2.5 | EEUFC1J180() | 200 | 2000 |
| | 22 | 6.3 | 11.2 | 240 | 1.000 | 1000 | 0.50 | 2.5 | 5.0 | 2.5 | EEUFC1J220() | 200 | 2000 |
| | 33 | 6.3 | 11.2 | 240 | 1.000 | 1000 | 0.50 | 2.5 | 5.0 | 2.5 | EEUFC1J330() | 200 | 2000 |
| | 39 | 6.3 | 15 | 330 | 0.700 | 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 |
| | 330 | 10 | 30 | 1300 | 0.090 | 3000 | 0.60 | 5.0 | | | EEUFC1J331L | 100 | |
| | | 12.5 | 20 | 1285 | 0.085 | 5000 | 0.60 | 5.0 | 5.0 | | EEUFC1J331() | 200 | 500 |
| | 390 | 12.5 | 25 | 1720 | 0.070 | 5000 | 0.60 | 5.0 | 5.0 | | EEUFC1J391() | 200 | 500 |
| | | 18 | 15 | 1690 | 0.086 | 5000 | 0.80 | 7.5 | 7.5 | | EEUFC1J391S() | 100 | 250 |
| | 470 | 12.5 | 30 | 2090 | 0.055 | 5000 | 0.80 | 5.0 | | | EEUFC1J471L | 100 | |
| | | 16 | 20 | 1765 | 0.059 | 5000 | 0.80 | 7.5 | 7.5 | | EEUFC1J471() | 100 | 250 |
| | 560 | 16 | 25 | 2160 | 0.050 | 5000 | 0.80 | 7.5 | 7.5 | | EEUFC1J561() | 100 | 250 |
| | 680 | 12.5 | 35 | 2265 | 0.047 | 5000 | 0.80 | 5.0 | | | EEUFC1J681L | 100 | |
| | | 16 | 25 | 2160 | 0.050 | 5000 | 0.80 | 7.5 | 7.5 | | EEUFC1J681() | 100 | 250 |
| | | 18 | 20 | 2290 | 0.055 | 5000 | 0.80 | 7.5 | 7.5 | | EEUFC1J681S() | 100 | 250 |
| 820 | 12.5 | 40 | 2560 | 0.042 | 5000 | 0.80 | 5.0 | | | EEUFC1J821L | 100 | | |
| | 16 | 31.5 | 2670 | 0.043 | 5000 | 0.80 | 7.5 | | | EEUFC1J821 | 100 | | |
| | 18 | 25 | 2585 | 0.043 | 5000 | 0.80 | 7.5 | 7.5 | | EEUFC1J821S() | 100 | 250 | |
| 1000 | 16 | 31.5 | 2670 | 0.043 | 5000 | 0.80 | 7.5 | | | EEUFC1J102U | 100 | | |
| | 16 | 35.5 | 2770 | 0.036 | 5000 | 0.80 | 7.5 | | | EEUFC1J102 | 100 | | |
| 1200 | 16 | 40 | 2825 | 0.030 | 5000 | 0.80 | 7.5 | | | EEUFC1J122L | 100 | | |
| | 18 | 31.5 | 2950 | 0.032 | 5000 | 0.80 | 7.5 | | | EEUFC1J122 | 50 | | |
| 1500 | 18 | 35.5 | 3095 | 0.030 | 5000 | 0.80 | 7.5 | | | EEUFC1J152 | 50 | | |
| 1800 | 18 | 40 | 3205 | 0.025 | 5000 | 0.80 | 7.5 | | | EEUFC1J182 | 50 | | |

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■ Standard Products

| W.V. (V) | Cap. (±20 %) (μF) | Case size | | Specification | | | Lead Length | | | | Part No. | Min. Packaging Q'ty | |
|-------------|-------------------------|--------------|----------------|---|--|---------------------------|----------------------|------------------|----------------------|----------------------|----------------|----------------------------|-----------------|
| | | Dia. (mm) | Length (mm) | Ripple Current (100 kHz) (+105 °C) (mA r.m.s.) | Imped- ance (100 kHz) (+20 °C) (Ω) | Endur- ance (hours) | Lead Dia. (mm) | Lead Space | | | | Straight Leads (pcs) | Taping (pcs) |
| | | | | | | | | Straight (mm) | Taping *B (mm) | Taping *H (mm) | | | |
| 100 | 5.6 | 5 | 11 | 80 | 4.10 | 1000 | 0.5 | 2.0 | 5.0 | 2.5 | EEUFC2A5R6() | 200 | 2000 |
| | 8.2 | 5 | 15 | 90 | 2.80 | 1000 | 0.5 | 2.0 | 5.0 | 2.5 | EEUFC2A8R2() | 200 | 2000 |
| | 12 | 6.3 | 11.2 | 114 | 1.80 | 1000 | 0.5 | 2.5 | 5.0 | 2.5 | EEUFC2A120() | 200 | 2000 |
| | 18 | 6.3 | 15 | 155 | 1.10 | 1000 | 0.5 | 2.5 | 5.0 | 2.5 | EEUFC2A180() | 200 | 2000 |
| | 22 | 8 | 11.5 | 260 | 0.680 | 2000 | 0.6 | 3.5 | 5.0 | | EEUFC2A220() | 200 | 1000 |
| | 33 | 8 | 15 | 340 | 0.450 | 2000 | 0.6 | 3.5 | 5.0 | | EEUFC2A330L() | 200 | 1000 |
| | | 10 | 12.5 | 306 | 0.530 | 3000 | 0.6 | 5.0 | 5.0 | | EEUFC2A330() | 200 | 500 |
| | 39 | 8 | 20 | 455 | 0.330 | 2000 | 0.6 | 5.0 | 5.0 | | EEUFC2A390L() | 200 | 1000 |
| | | 10 | 16 | 400 | 0.360 | 3000 | 0.6 | 5.0 | 5.0 | | EEUFC2A390() | 200 | 500 |
| | 56 | 10 | 20 | 463 | 0.240 | 3000 | 0.6 | 5.0 | 5.0 | | EEUFC2A560() | 200 | 500 |
| | 68 | 10 | 25 | 599 | 0.210 | 3000 | 0.6 | 5.0 | 5.0 | | EEUFC2A680L() | 200 | 500 |
| | | 12.5 | 15 | 511 | 0.230 | 5000 | 0.6 | 5.0 | 5.0 | | EEUFC2A680() | 200 | 500 |
| | 100 | 10 | 30 | 698 | 0.150 | 3000 | 0.6 | 5.0 | | | EEUFC2A101L | 100 | |
| | | 12.5 | 20 | 671 | 0.180 | 5000 | 0.6 | 5.0 | 5.0 | | EEUFC2A101() | 200 | 500 |
| | 120 | 16 | 15 | 793 | 0.140 | 5000 | 0.8 | 7.5 | 7.5 | | EEUFC2A121S() | 100 | 250 |
| | 150 | 12.5 | 25 | 807 | 0.110 | 5000 | 0.6 | 5.0 | 5.0 | | EEUFC2A151() | 200 | 500 |
| | | 18 | 15 | 917 | 0.120 | 5000 | 0.8 | 7.5 | 7.5 | | EEUFC2A151S() | 100 | 250 |
| | 180 | 12.5 | 30 | 937 | 0.098 | 5000 | 0.8 | 5.0 | | | EEUFC2A181L | 100 | |
| | | 16 | 20 | 995 | 0.110 | 5000 | 0.8 | 7.5 | 7.5 | | EEUFC2A181() | 100 | 250 |
| | 220 | 12.5 | 35 | 1040 | 0.087 | 5000 | 0.8 | 5.0 | | | EEUFC2A221L | 100 | |
| 16 | | 25 | 1170 | 0.089 | 5000 | 0.8 | 7.5 | 7.5 | | EEUFC2A221() | 100 | 250 | |
| 270 | 12.5 | 40 | 1130 | 0.072 | 5000 | 0.8 | 5.0 | | | EEUFC2A271L | 100 | | |
| | 18 | 20 | 1230 | 0.080 | 5000 | 0.8 | 7.5 | 7.5 | | EEUFC2A271S() | 100 | 250 | |
| 330 | 16 | 31.5 | 1520 | 0.062 | 5000 | 0.8 | 7.5 | | | EEUFC2A331 | 100 | | |
| | 18 | 25 | 1420 | 0.070 | 5000 | 0.8 | 7.5 | 7.5 | | EEUFC2A331S() | 100 | 250 | |
| 390 | 16 | 35.5 | 1730 | 0.053 | 5000 | 0.8 | 7.5 | | | EEUFC2A391L | 100 | | |
| | 18 | 31.5 | 1600 | 0.062 | 5000 | 0.8 | 7.5 | | | EEUFC2A391 | 50 | | |
| 470 | 16 | 40 | 1920 | 0.047 | 5000 | 0.8 | 7.5 | | | EEUFC2A471 | 100 | | |
| 560 | 18 | 35.5 | 1770 | 0.041 | 5000 | 0.8 | 7.5 | | | EEUFC2A561 | 50 | | |
| 680 | 18 | 40 | 2300 | 0.036 | 5000 | 0.8 | 7.5 | | | EEUFC2A681 | 50 | | |

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