Aluminum Electrolytic Capacitors

Radial Lead Type

FK-A series



■ Not available in Japan

Features

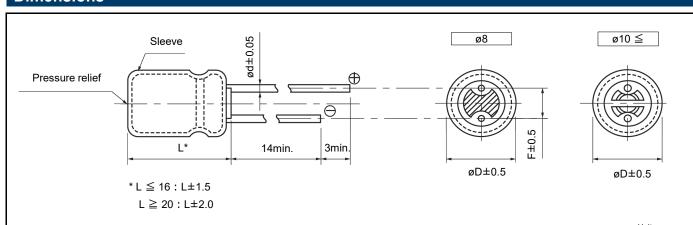
- Endurance : 105 °C 3000 h to 5000 h
- Low impedance (10 % to 30 % less than FC Series)
- Miniaturization (30 % to 40 % less than FC Series)
- AEC-Q200 compliant
- RoHS compliant

Specifications											
Category temp. range	–55 ℃ to +105 ℃										
Rated voltage range	6.3 V to 35 V										
Capacitance range	180 μF to 12000 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	(120 H→ /+20°C)				
Dissipation factor (tan δ)	Dissipation factor (tan δ)	0.22	0.19	0.16	0.14	0.12	(120 Hz /+20℃)				
	For capacitance value ≥ 1000 μF , add 0.02 per every 1000 μF.										
	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 ℃, the capacitors shall meet the limits specified bellow.										
Endurance	Duration										
Lituulande	ø8 : 3000 h, ø10 : 4000 h, ø12.5 to ø18 : 5000 h										
	Capacitance change	Within	±20 % o	f the initi	al value						
	Dissipation factor (tan δ)	≤ 200	% of the	initial lim	nit						
	DC leakage current Within the initial limit										
	After storage for 1000 h at +1	05 ℃±2	℃ with	no voltag	e applie	d and the	en being				
Shelf life	stabilized at +20 °C, capacito	rs shall r	neet the	limits sp	ecified in	n endura	nce.				
	(With voltage treatment)										

Frequency correction factor for ripple current

Freq. (Hz)	60	120	1 k	10 k	100 k
180 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 12000	0.75	0.80	0.95	1.00	1.00

Dimensions



øD	8.0	10.0	12	2.5	16.0	18.0
L	_	_	12.5 to 25	30 to 35	_	_
ød	0.6	0.6	0.6	8.0	0.8	0.8
F	3.5	5.0	5.0	5.0	7.5	7.5

FK-A series

ase size / Impedance / Ripple current										
Casecsize (mm) (øD×L)	Imp (Ω) (′	Ripple current (mA rms) (100 kHz)								
(ØD^L)	+20 ℃	-10 ℃	+105 ℃							
8 × 11.5	0.090	0.180	630							
8 × 15	0.062	0.124	860							
8 × 20	0.044	0.088	1220							
10 × 12.5	0.063	0.126	900							
10 × 16	0.049	0.098	1240							
10 × 20	0.035	0.070	1490							
10 × 25	0.033	0.066	1680							
10 × 30	0.025	0.050	2140							
12.5 × 15	0.048	0.096	1400							
12.5 × 20	0.029	0.058	1890							
12.5 × 25	0.022	0.044	2280							
12.5 × 30	0.018	0.036	2720							
12.5 × 35	0.016	0.032	2940							
12.5 × 40	0.014	0.028	3010							
16 × 15	0.038	0.076	1800							
16 × 20	0.026	0.052	2330							
16 × 25	0.019	0.038	2760							
18 × 15	0.036	0.072	2060							
18 × 20	0.025	0.050	2640							
18 × 25	0.018	0.036	2850							

Characteristics list

Endurance : 105 $^{\circ}$ C 3000 h / ø8, 105 $^{\circ}$ C 4000 h / ø10, 105 $^{\circ}$ C 5000 h / ø12.5 to ø18

680 8.0 11.5 630 0.090 3000 0.6 3.5 5.0 EEUFKOJ681() 2 2 1000 10.0 12.5 900 0.66 3.00 0.6 3.5 5.0 EEUFKOJ102L() 2 2 1500 10.0 12.5 900 0.66 3.00 0.6 3.5 5.0 EEUFKOJ102L() 2 2 1500 10.0 12.5 900 0.66 3.00 0.6 3.5 5.0 EEUFKOJ102L() 2 2 1500 10.0 12.5 15.0 1400 0.48 5000 0.6 5.0 5.0 EEUFKOJ152L() 2 2 2 2 2 2 2 2 2	(V) (µF) 680 1000 1500 1800 2200 3300 6.3 4700 5600 8200 12000 560 820 1200 1500 1800 1800	Capacitance	Case size (mm)		Specification			Lead length (mm)				Min. Packaging Q'ty (PCS)	
1000		øD		current*1 (mA rms)	dance ^{*2} (Ω)	rance	dia. (ød)	Straight	Taping *B		Straight leads	Taping	
1000		680	8.0								. ,	200	1000
10.0 12.5 900 0.063 4000 0.6 5.0 5.0 EEUFKOJ152L() 2 2 10.0 16.0 1240 0.044 9000 0.6 5.0 5.0 EEUFKOJ152L() 2 2 1800 12.5 15.0 1400 0.048 5000 0.6 5.0 5.0 EEUFKOJ152C) 2 2 2 10.0 20.0 1490 0.035 4000 0.6 5.0 5.0 EEUFKOJ122C) 2 2 2 2 2 2 2 2 2		1000	8.0	15.0	860	0.062	3000	0.6	3.5	5.0	EEUFK0J102L()	200	1000
1500		1000	10.0	12.5	900	0.063	4000	0.6	5.0	5.0	EEUFK0J102()	200	500
10.0 16.0 1240 0.049 4000 0.6 5.0 5.0 EEUFKOJ182() 2 200 10.0 20.0 1490 0.035 4000 0.6 5.0 5.0 EEUFKOJ182S() 2 200 10.0 25.0 1680 0.033 4000 0.6 5.0 5.0 EEUFKOJ222L() 2 10.0 30.0 2140 0.025 4000 0.6 5.0 5.0 EEUFKOJ332L 1 10.0 30.0 2140 0.025 4000 0.6 5.0 5.0 EEUFKOJ332L 1 16.0 15.0 1800 0.038 5000 0.8 7.5 7.5 EEUFKOJ332S() 1 12.5 25.0 2280 0.022 5000 0.6 5.0 5.0 EEUFKOJ332S() 1 12.5 25.0 2280 0.022 5000 0.8 7.5 7.5 EEUFKOJ472S() 2 18.0 15.0 2060 0.036 5000 0.8 7.5 7.5 EEUFKOJ472S() 1 18.0 15.0 2060 0.036 5000 0.8 7.5 7.5 EEUFKOJ472S() 1 18.0 15.0 2060 0.036 5000 0.8 7.5 7.5 EEUFKOJ472S() 1 18.0 15.0 2060 0.036 5000 0.8 7.5 7.5 EEUFKOJ472S() 1 18.0 15.0 2060 0.036 5000 0.8 7.5 7.5 EEUFKOJ472S() 1 18.0 20.0 2330 0.026 5000 0.8 5.0 EEUFKOJ472S() 1 18.0 20.0 2330 0.026 5000 0.8 5.0 EEUFKOJ472S() 1 18.0 20.0 2330 0.026 5000 0.8 7.5 7.5 EEUFKOJ472S() 1 18.0 20.0 2640 0.014 5000 0.8 5.0 EEUFKOJ82L 1 18.0 20.0 2640 0.025 5000 0.8 7.5 7.5 EEUFKOJ822L 1 12000 18.0 25.0 2760 0.019 5000 0.8 7.5 7.5 EEUFKOJ822() 1 12000 18.0 25.0 2760 0.019 5000 0.8 7.5 7.5 EEUFKOJ822() 1 12000 18.0 25.0 2760 0.019 5000 0.8 7.5 7.5 EEUFKOJ822() 1 12000 18.0 25.0 2760 0.019 5000 0.8 7.5 7.5 EEUFKOJ822() 1 12000 18.0 25.0 2660 0.025 5000 0.8 7.5 7.5 EEUFKOJ822() 1 12000 18.0 25.0 2660 0.026 3000 0.6 3.5 5.0 EEUFK1A821() 2 1200 18.0 20.0 1220 0.044 3000 0.6 5.0 5.0 EEUFK1A821() 2 1200 12.5 15.0 1400 0.048 5000 0.6 5.0 5.0 EEUFK1A821() 2 1200 12.5 15.0 1400 0.048 5000 0.6 5.0 5.0 EEUFK1A82() 2 1200 12.5 15.0 1400 0.048 5000 0.6 5.0 5.0 EEUFK1A182() 2 1200 12.5 15.0 1400 0.048 5000 0.6 5.0 5.0 EEUFK1A182() 2 16.0 15.0 1800 0.038 5000 0.8 7.5 7.5 EEUFK1A3272() 2 16.0 15.0 1800 0.038 5000 0.8 7.5 7.5 EEUFK1A322() 2 16.0 15.0 1800 0.038 5000 0.8 7.5 7.5 EEUFK1A322() 2 16.0 15.0 1800 0.038 5000 0.8 7.5 7.5 EEUFK1A322() 2 16.0 15.0 1800 0.038 5000 0.8 7.5 7.5 EEUFK1A322() 2 16.0 15.0 1800 0.038 5000 0.8 7.5 7.5 EEUFK1A322() 2 16.0 15.0 1800 0.038 5000 0.8 7.5 7.5 EEUFK1A322() 1 10.0 12.5 30.0 2720 0.018 5000 0.8 7.5 7.5 EEUFK1A322() 1 10.0 12.5 30.0		1500	8.0	20.0	1220	0.044	3000	0.6	3.5		EEUFK0J152L()	200	1000
6.3 2200 10.0 20.0 1490 0.035 4000 0.6 5.0 5.0 EEUFK0J222() 2 2 10.0 25.0 1680 0.033 4000 0.6 5.0 5.0 EEUFK0J322L 1 2 10.0 30.0 2140 0.025 4000 0.6 5.0 EEUFK0J332L 1 2 1 1 1 1 1 1 1 1		1300	10.0	16.0	1240	0.049	4000	0.6	5.0	5.0	EEUFK0J152()	200	500
6.3 10.0 25.0 1680 0.033 4000 0.6 5.0 5.0 EEUFKOJ222L() 2 2 3 1 1 1 1 1 1 1 1 1		1800	12.5	15.0	1400	0.048	5000	0.6	5.0	5.0	EEUFK0J182S()	200	500
6.3 10.0 25.0 1680 0.033 4000 0.6 5.0 5.0 EEUFKOJ222L() 2 2 2 2 2 2 2 2 2		2200	10.0	20.0	1490	0.035	4000	0.6	5.0	5.0	EEUFK0J222()	200	500
6.3 3300 12.5 20.0 1890 0.029 5000 0.6 5.0 5.0 EEUFKOJ332() 22 16.0 15.0 1800 0.038 5000 0.8 7.5 7.5 EEUFKOJ332S() 1 17.0 12.5 25.0 2280 0.022 5000 0.6 5.0 5.0 EEUFKOJ472() 2 12.5 25.0 2280 0.022 5000 0.6 5.0 5.0 EEUFKOJ472S() 1 18.0 15.0 2060 0.036 5000 0.8 7.5 7.5 EEUFKOJ472S() 1 18.0 15.0 2060 0.036 5000 0.8 7.5 7.5 EEUFKOJ562L 1 1 1 1 1 1 1 1 1		2200	10.0	25.0	1680	0.033	4000	0.6	5.0	5.0	EEUFK0J222L()	200	500
16.0			10.0	30.0	2140	0.025	4000	0.6	5.0	_	EEUFK0J332L	100	_
16.0		3300	12.5	20.0	1890	0.029	5000	0.6	5.0	5.0	EEUFK0J332()	200	500
12.5 25.0 2280 0.022 5000 0.6 5.0 5.0 EEUFK0J472() 2 18.0 15.0 2060 0.036 5000 0.8 7.5 7.5 EEUFK0J472S() 1 1 1 1 1 1 1 1 1	6.3		16.0	15.0	1800	0.038	5000	0.8	7.5	7.5	EEUFK0J332S()	100	250
18.0			12.5	25.0	2280	0.022	5000	0.6	5.0	5.0	EEUFK0J472()	200	500
12.5 30.0 2720 0.018 5000 0.8 5.0 — EEUFK0J562L 1		4700	18.0			0.036	5000	0.8	7.5	7.5	. ,	100	250
16.0 20.0 2330 0.026 5000 0.8 7.5 7.5 EEUFK0J562S() 1		5600								_		100	
100 12.5 35.0 2940 0.016 5000 0.8 5.0 — EEUFK0J682L 1										7.5		100	250
8200 12.5 40.0 3010 0.014 5000 0.8 5.0 — EEUFKOJ822L 1 8200 16.0 25.0 2760 0.019 5000 0.8 7.5 7.5 EEUFKOJ822() 1 12000 18.0 25.0 2850 0.018 5000 0.8 7.5 7.5 EEUFKOJ822S() 1 12000 18.0 25.0 2850 0.018 5000 0.8 7.5 7.5 EEUFKOJ123S() 1 560 8.0 11.5 630 0.090 3000 0.6 3.5 5.0 EEUFK1A561() 2 820 8.0 15.0 860 0.062 3000 0.6 3.5 5.0 EEUFK1A821L() 2 1200 18.0 20.0 1220 0.044 3000 0.6 5.0 5.0 EEUFK1A821() 2 1200 12.5 15.0 1400 0.049 4000 0.6 5.0 5.0 EEUFK1A122L() 2 1500 12.5 15.0 1400 0.048 5000 0.6 5.0 5.0 EEUFK1A152S() 2 1800 10.0 25.0 1680 0.033 4000 0.6 5.0 5.0 EEUFK1A182L() 2 10.0 30.0 2140 0.025 4000 0.6 5.0 5.0 EEUFK1A182L() 2 10.0 30.0 2140 0.025 4000 0.6 5.0 5.0 EEUFK1A182L() 2 2700 12.5 20.0 1890 0.029 5000 0.6 5.0 5.0 EEUFK1A272L 1 3900 12.5 25.0 2280 0.022 5000 0.6 5.0 5.0 EEUFK1A392() 2 4700 12.5 30.0 2720 0.018 5000 0.8 7.5 7.5 EEUFK1A472L 1 5600 12.5 35.0 2940 0.016 5000 0.8 5.0 — EEUFK1A472S() 1		6800										100	
16.0 25.0 2760 0.019 5000 0.8 7.5 7.5 EEUFKOJ822() 1	Ec									_		100	
18.0 20.0 2640 0.025 5000 0.8 7.5 7.5 EEUFK0J822S() 1										7.5		100	250
12000 18.0 25.0 2850 0.018 5000 0.8 7.5 7.5 EEUFK0J123S() 1 560 8.0 11.5 630 0.090 3000 0.6 3.5 5.0 EEUFK1A561() 2 820 8.0 15.0 860 0.062 3000 0.6 3.5 5.0 EEUFK1A821L() 2 10.0 12.5 900 0.063 4000 0.6 5.0 5.0 EEUFK1A821L() 2 1200 8.0 20.0 1220 0.044 3000 0.6 5.0 5.0 EEUFK1A122L() 2 1500 12.5 15.0 1400 0.049 4000 0.6 5.0 5.0 EEUFK1A122L() 2 1500 12.5 15.0 1400 0.048 5000 0.6 5.0 5.0 EEUFK1A122L() 2 1800 10.0 20.0 1490 0.035 4000 0.6 5.0 5.0 EEUFK1A182L() 2 10.0 25.0 1680 0.033 4000 0.6 5.0 5.0 EEUFK1A182L() 2 10.0 30.0 2140 0.025 4000 0.6 5.0 5.0 EEUFK1A182L() 2 1270 12.5 20.0 1890 0.029 5000 0.6 5.0 5.0 EEUFK1A272L 1 1280 12.5 25.0 2280 0.022 5000 0.6 5.0 5.0 EEUFK1A272S() 1 1290 12.5 25.0 2280 0.022 5000 0.6 5.0 5.0 EEUFK1A392S() 1 120 12.5 30.0 2720 0.018 5000 0.8 7.5 7.5 EEUFK1A392S() 1 120 12.5 30.0 2720 0.018 5000 0.8 7.5 7.5 EEUFK1A392S() 1 120 12.5 35.0 2940 0.016 5000 0.8 7.5 7.5 EEUFK1A472S() 1 120 12.5 35.0 2940 0.016 5000 0.8 5.0 — EEUFK1A472S() 1 120 12.5 35.0 2940 0.016 5000 0.8 5.0 — EEUFK1A472S() 1 120 12.5 35.0 2940 0.016 5000 0.8 5.0 — EEUFK1A472S() 1 120 12.5 35.0 2940 0.016 5000 0.8 5.0 — EEUFK1A472S() 1												100	250
S60		12000										100	250
820											. ,	200	1000
100 12.5 900 0.063 4000 0.6 5.0 5.0 EEUFK1A821() 2 1200 8.0 20.0 1220 0.044 3000 0.6 3.5 5.0 EEUFK1A122L() 2 1500 12.5 15.0 1400 0.048 5000 0.6 5.0 5.0 EEUFK1A152S() 2 1800 10.0 20.0 1490 0.035 4000 0.6 5.0 5.0 EEUFK1A182() 2 1800 10.0 25.0 1680 0.033 4000 0.6 5.0 5.0 EEUFK1A182L() 2 10.0 30.0 2140 0.025 4000 0.6 5.0 5.0 EEUFK1A182L() 2 2700 12.5 20.0 1890 0.029 5000 0.6 5.0 5.0 EEUFK1A272L 1 16.0 15.0 1800 0.038 5000 0.8 7.5 7.5 EEUFK1A392() 2 3900 12.5 25.0 2280 0.022 5000 0.8 7.5 7.5 EEUFK1A392S() 1 4700 12.5 30.0 2720 0.018 5000 0.8 7.5 7.5 EEUFK1A472L 1 16.0 20.0 2330 0.026 5000 0.8 7.5 7.5 EEUFK1A472L 1 16.0 20.0 2330 0.026 5000 0.8 7.5 7.5 EEUFK1A472L 1 16.0 20.0 2330 0.026 5000 0.8 7.5 7.5 EEUFK1A472L 1 5600 12.5 35.0 2940 0.016 5000 0.8 5.0 — EEUFK1A472S() 1											. ,	200	1000
10 1200 8.0 20.0 1220 0.044 3000 0.6 3.5 5.0 EEUFK1A122L() 22											. ,	200	500
10											. ,	200	1000
1500		1200										200	500
100 10.0 20.0 1490 0.035 4000 0.6 5.0 5.0 EEUFK1A182() 2 10.0 25.0 1680 0.033 4000 0.6 5.0 5.0 EEUFK1A182L() 2 10.0 30.0 2140 0.025 4000 0.6 5.0 — EEUFK1A272L 1 12.5 20.0 1890 0.029 5000 0.6 5.0 5.0 EEUFK1A272() 2 16.0 15.0 1800 0.038 5000 0.8 7.5 7.5 EEUFK1A272S() 1 12.5 25.0 2280 0.022 5000 0.6 5.0 5.0 EEUFK1A392() 2 18.0 15.0 2060 0.036 5000 0.8 7.5 7.5 EEUFK1A392S() 1 12.5 30.0 2720 0.018 5000 0.8 5.0 — EEUFK1A472L 1 14.0		1500									. ,	200	500
100 10.0 25.0 1680 0.033 4000 0.6 5.0 5.0 EEUFK1A182L() 2 10.0 30.0 2140 0.025 4000 0.6 5.0 — EEUFK1A272L 1 1 1 1 1 1 1 1 1											` ,	200	500
100 2700 12.5 20.0 1890 0.025 4000 0.6 5.0 — EEUFK1A272L 1 1 1 1 1 1 1 1 1		1800										200	500
10											. ,	100	
10		2700								5.0		200	500
3900	10											100	250
18.0 15.0 2060 0.036 5000 0.8 7.5 7.5 EEUFK1A392S() 1 4700 12.5 30.0 2720 0.018 5000 0.8 5.0 — EEUFK1A472L 1 16.0 20.0 2330 0.026 5000 0.8 7.5 7.5 EEUFK1A472S() 1 5600 12.5 35.0 2940 0.016 5000 0.8 5.0 — EEUFK1A562L 1											\ /	200	500
4700 12.5 30.0 2720 0.018 5000 0.8 5.0 — EEUFK1A472L 1 16.0 20.0 2330 0.026 5000 0.8 7.5 7.5 EEUFK1A472S() 1 5600 12.5 35.0 2940 0.016 5000 0.8 5.0 — EEUFK1A562L 1		3900									. ,	100	250
16.0 20.0 2330 0.026 5000 0.8 7.5 7.5 EEUFK1A472S() 1 5600 12.5 35.0 2940 0.016 5000 0.8 5.0 — EEUFK1A562L 1										_	\ /	100	
5600 12.5 35.0 2940 0.016 5000 0.8 5.0 — EEUFK1A562L 1	voltage (V)	4700								7.5		100	250
		5600									` '	100	
50 6800 12.5 40.0 3010 0.014 5000 0.8 5.0 — FFUFK1A682 1			12.5	40.0	3010	0.014	5000	0.8	5.0		EEUFK1A682L	100	
16.0 25.0 2760 0.019 5000 0.8 7.5 7.5 FELIEK1A682() 1	_											100	250
6800	6.3	6800									. ,	100	250
		8200									` ,	100	250

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

EOL End of life

^{*2:} Impedance (100 kHz / +20 °C)

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

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

Characteristics list

Endurance : 105 $^{\circ}$ C 3000 h / ø8, 105 $^{\circ}$ C 4000 h / ø10, 105 $^{\circ}$ C 5000 h / ø12.5 to ø18

Rated	Capacitance	Case size (mm)		Specification			Lead length (mm)					Min. Packaging Q'ty (PCS)	
voltage (V)	(±20 %) (µF)	øD	L	Ripple current ^{*1} (mA rms)	Impe- dance ^{*2} (Ω)	Endu- rance (h)	Lead dia. (ød)	Lead	space Taping *B	Part No.	Straight leads 200 200 200 200 200 200 200 200 200 100 200 100 1	Taping	
	390	8.0	11.5	630	0.090	3000	0.6	3.5	5.0	EEUFK1C391()	200	1000	
	680	8.0	15.0	860	0.062	3000	0.6	3.5	5.0	EEUFK1C681L()	200	1000	
	000	10.0	12.5	900	0.063	4000	0.6	5.0	5.0	EEUFK1C681()	200	500	
	820	8.0	20.0	1220	0.044	3000	0.6	3.5	5.0	EEUFK1C821L()	200	1000	
	1000	10.0	16.0	1240	0.049	4000	0.6	5.0	5.0	EEUFK1C102()	200	500	
	1200	10.0	20.0	1490	0.035	4000	0.6	5.0	5.0	EEUFK1C122()	200	500	
	1200	12.5	15.0	1400	0.048	5000	0.6	5.0	5.0	EEUFK1C122S()	200	500	
	1500	10.0	25.0	1680	0.033	4000	0.6	5.0	5.0	EEUFK1C152L()	200	500	
		10.0	30.0	2140	0.025	4000	0.6	5.0		EEUFK1C222L	100	_	
16	2200	12.5	20.0	1890	0.029	5000	0.6	5.0	5.0	EEUFK1C222()	200	500	
10		16.0	15.0	1800	0.038	5000	8.0	7.5	7.5	EEUFK1C222S()	100	250	
	2700	12.5	25.0	2280	0.022	5000	0.6	5.0	5.0	EEUFK1C272()	200	500	
		18.0	15.0	2060	0.036	5000	8.0	7.5	7.5	EEUFK1C272S()		250	
EO	3300	12.5	30.0	2720	0.018	5000	8.0	5.0	_	EEUFK1C332L	100	_	
	3900	12.5	35.0	2940	0.016	5000	8.0	5.0	_	EEUFK1C392L		_	
		16.0	20.0	2330	0.026	5000	8.0	7.5	7.5	EEUFK1C392S()	100	250	
		12.5	40.0	3010	0.014	5000	0.8	5.0	_	EEUFK1C472L		_	
	4700	18.0	20.0	2640	0.025	5000	8.0	7.5	7.5	EEUFK1C472S()		250	
	5600	16.0	25.0	2760	0.019	5000	8.0	7.5	7.5	EEUFK1C562()		250	
	6800	18.0	25.0	2850	0.018	5000	8.0	7.5	7.5	EEUFK1C682S()		250	
	270	8.0	11.5	630	0.090	3000	0.6	3.5	5.0	EEUFK1E271()		1000	
	390	8.0	15.0	860	0.062	3000	0.6	3.5	5.0	EEUFK1E391L()		1000	
	470	10.0	12.5	900	0.063	4000	0.6	5.0	5.0	EEUFK1E471()		500	
	560	8.0	20.0	1220	0.044	3000	0.6	3.5	5.0	EEUFK1E561L()		1000	
		10.0	16.0	1240	0.049	4000	0.6	5.0	5.0	EEUFK1E561()		500	
	820	10.0	20.0	1490	0.035	4000	0.6	5.0	5.0	EEUFK1E821()		500	
		12.5	15.0	1400	0.048	5000	0.6	5.0	5.0	EEUFK1E821S()		500	
	1000	10.0	25.0	1680	0.033	4000	0.6	5.0	5.0	EEUFK1E102L()		500	
	1200	12.5	20.0	1890	0.029	5000	0.6	5.0	5.0	EEUFK1E122()		500	
25	1500	10.0	30.0	2140	0.025	4000	0.6	5.0	_	EEUFK1E152L		_	
		16.0	15.0	1800	0.038	5000	8.0	7.5	7.5	EEUFK1E152S()		250	
	1800	12.5	25.0	2280	0.022	5000	0.6	5.0	5.0	EEUFK1E182()		500	
		18.0	15.0	2060	0.036	5000	8.0	7.5	7.5	EEUFK1E182S()		250	
	2200	12.5	30.0	2720	0.018	5000	8.0	5.0		EEUFK1E222L		_	
		16.0	20.0	2330	0.026	5000	8.0	7.5	7.5	EEUFK1E222S()		250	
	2700	12.5	35.0	2940	0.016	5000	8.0	5.0	_	EEUFK1E272L		_	
16 25	3300	12.5	40.0	3010	0.014	5000	0.8	5.0	_	EEUFK1E332L			
	3300	16.0	25.0	2760	0.019	5000	0.8	7.5	7.5	EEUFK1E332()		250	
		18.0	20.0	2640	0.025	5000	0.8	7.5	7.5	EEUFK1E332S()	100	250	
	4700	18.0	25.0	2850	0.018	5000	8.0	7.5	7.5	EEUFK1E472S()	100	250	

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

EOL End of life

^{*2:} Impedance (100 kHz / +20 ℃)

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

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

Characteristics list

Endurance : 105 $^{\circ}$ C 3000 h / ø8, 105 $^{\circ}$ C 4000 h / ø10, 105 $^{\circ}$ C 5000 h / ø12.5 to ø18

Rated	Itage (±20 %)	Case size (mm)		Specification			L	ead leng (mm)	th		Min. Packaging Q'ty (PCS)	
voltage (V)		øD	L	Ripple current ^{*1} (mA rms)	Impe- dance ^{*2} (Ω)	Endu- rance (h)	Lead dia. (ød)	Lead	space Taping *B	Part No.	C'ty (Po	Taping
	180	8.0	11.5	630	0.090	3000	0.6	3.5	5.0	EEUFK1V181()	200	1000
	270	8.0	15.0	860	0.062	3000	0.6	3.5	5.0	EEUFK1V271L()	200	1000
	270	10.0	12.5	900	0.063	4000	0.6	5.0	5.0	EEUFK1V271()	200	500
	390	8.0	20.0	1220	0.044	3000	0.6	3.5	5.0	EEUFK1V391L()	200	1000
	390	10.0	16.0	1240	0.049	4000	0.6	5.0	5.0	EEUFK1V391()	200	500
	560	10.0	20.0	1490	0.035	4000	0.6	5.0	5.0	EEUFK1V561()	200	500
	300	12.5	15.0	1400	0.048	5000	0.6	5.0	5.0	EEUFK1V561S()	200	500
	680	10.0	25.0	1680	0.033	4000	0.6	5.0	5.0	EEUFK1V681L()	200	500
	820	12.5	20.0	1890	0.029	5000	0.6	5.0	5.0	EEUFK1V821()	200	500
35	1000	10.0	30.0	2140	0.025	4000	0.6	5.0		EEUFK1V102L	100	_
33	1000	16.0	15.0	1800	0.038	5000	8.0	7.5	7.5	EEUFK1V102S()	100	250
	1200	12.5	25.0	2280	0.022	5000	0.6	5.0	5.0	EEUFK1V122()	200	500
	1200	18.0	15.0	2060	0.036	5000	8.0	7.5	7.5	EEUFK1V122S()	100	250
	1500	12.5	30.0	2720	0.018	5000	8.0	5.0		EEUFK1V152L	100	_
	1800	12.5	35.0	2940	0.016	5000	0.8	5.0	_	EEUFK1V182L	100	_
	1000	16.0	20.0	2330	0.026	5000	0.8	7.5	7.5	EEUFK1V182S()	100	250
E	2200	12.5	40.0	3010	0.014	5000	0.8	5.0	_	EEUFK1V222L	100	_
	2200	16.0	25.0	2760	0.019	5000	0.8	7.5	7.5	EEUFK1V222()	100	250
	2200	18.0	20.0	2640	0.025	5000	0.8	7.5	7.5	EEUFK1V222S()	100	250
	3300	18.0	25.0	2850	0.018	5000	8.0	7.5	7.5	EEUFK1V332S()	100	250

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

^{*2:} Impedance (100 kHz / +20 ℃)

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

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