

PANASONIC Radial Aluminum Electrolytic EEU-FR



FR TYPE A SERIES (BULK CONT.)

This product is RoHS compliant.

Features:

- Low ESR
- Endurance: 2000h to 10000h at +105 °C

Specification:

- Category temperature range: -40°C to +105°C
- Rated W.V. range: 6.3VDC to 50VDC
- Category range: 22µF to 8200µF
- Capacitance tolerance: ±20 % (120Hz/+20 °C)
- DC leakage current: $I < 0.01CV$ (µA) after 2 minutes

DIMENSIONS: mm						
W.V.(V.DC)	Cap (µF)	Frequency (Hz)				
		60	120	1K	10K	100K
6.3 to 50	22 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

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Panasonic Part No.	Value (µF)	Voltage (VDC)	Case Size		Ripple Current 100kHz (mA r.m.s.)	Impedance (100KHz) (+20 °C) (Ω)	Lead Dia.	Lead Space	Price Each			
				Dia. (mm)	Length (mm)					1	50	100	200
667-EEU-FR1C152	EEU-FR1C152	1500	16	10	20	2180	0.020	0.6	5.0	.81	.48	.407	.365
667-EEU-FR1C152L	EEU-FR1C152L	1500	16	10	25	2470	0.018	0.6	5.0	.94	.60	.512	.454
667-EEU-FR1C182L	EEU-FR1C182L	1800	16	10	25	2470	0.018	0.6	5.0	.94	.60	.512	.454
667-EEU-FR1C222	EEU-FR1C222	2200	16	12.5	20	2600	0.018	0.6	5.0	1.01	.69	.595	.522
667-EEU-FR1C272	EEU-FR1C272	2700	16	12.5	25	3190	0.015	0.6	5.0	1.18	.81	.698	.612
667-EEU-FR1C332L	EEU-FR1C332L	3300	16	12.5	30	3630	0.013	0.8	5.0	1.43	.98	.844	.741
667-EEU-FR1C332S	EEU-FR1C332S	3300	16	16	20	3300	0.017	0.8	7.5	1.68	1.15	.991	.87
667-EEU-FR1C392L	EEU-FR1C392L	3900	16	12.5	35	3750	0.012	0.8	5.0	1.58	1.08	.936	.822
667-EEU-FR1C392S	EEU-FR1C392S	3900	16	16	20	3300	0.017	0.8	7.5	1.68	1.15	.991	.87
667-EEU-FR1C472L	EEU-FR1C472L	4700	16	12.5	35	3750	0.012	0.8	5.0	1.64	1.12	.973	.854
667-EEU-FR1C472	EEU-FR1C472	4700	16	16	25	3820	0.014	0.8	7.5	1.78	1.25	1.09	.966
667-EEU-FR1E562	EEU-FR1E562	5600	16	16	25	3820	0.014	0.8	7.5	1.86	1.27	1.10	.967
667-EEU-FR1E470	EEU-FR1E470	47	25	5	11	280	0.300	0.5	2.0	.33	.15	.126	.107
667-EEU-FR1E680	EEU-FR1E680	68	25	5	11	280	0.300	0.5	2.0	.33	.15	.126	.107
667-EEU-FR1E101	EEU-FR1E101	100	25	6.3	11.2	455	0.130	0.5	2.5	.33	.16	.139	.121
667-EEU-FR1E151	EEU-FR1E151	150	25	6.3	11.2	455	0.130	0.5	2.5	.33	.16	.139	.121
667-EEU-FR1E331	EEU-FR1E331	330	25	8	11.5	950	0.056	0.6	3.5	.49	.26	.229	.199
667-EEU-FR1E391L	EEU-FR1E391L	390	25	8	15	1240	0.041	0.6	3.5	.61	.32	.282	.245
667-EEU-FR1E471Y	EEU-FR1E471Y	470	25	8	15	1240	0.041	0.6	3.5	.66	.35	.308	.268
667-EEU-FR1E471L	EEU-FR1E471L	470	25	8	20	1560	0.030	0.6	3.5	.71	.38	.33	.287
667-EEU-FR1E471	EEU-FR1E471	470	25	10	12.5	1290	0.043	0.6	5.0	.64	.38	.321	.287
667-EEU-FR1E561L	EEU-FR1E561L	560	25	8	20	1560	0.030	0.6	3.5	.71	.38	.33	.287
667-EEU-FR1E681L	EEU-FR1E681L	680	25	8	20	1560	0.030	0.6	3.5	.71	.38	.33	.287
667-EEU-FR1E681	EEU-FR1E681	680	25	10	16	1790	0.028	0.6	5.0	.71	.42	.356	.319
667-EEU-FR1E821	EEU-FR1E821	820	25	10	20	2180	0.020	0.6	5.0	.81	.48	.407	.365
667-EEU-FR1E102	EEU-FR1E102	1000	25	10	20	2180	0.020	0.6	5.0	.91	.57	.493	.437
667-EEU-FR1E102L	EEU-FR1E102L	1000	25	10	25	2470	0.018	0.6	5.0	.94	.60	.512	.454
667-EEU-FR1E122L	EEU-FR1E122L	1200	25	10	25	2470	0.018	0.6	5.0	.94	.60	.512	.454
667-EEU-FR1E152	EEU-FR1E152	1500	25	12.5	20	2600	0.018	0.6	5.0	1.01	.69	.595	.522
667-EEU-FR1E182	EEU-FR1E182	1800	25	12.5	25	3190	0.015	0.6	5.0	1.18	.81	.698	.612
667-EEU-FR1E222L	EEU-FR1E222L	2200	25	12.5	30	3630	0.013	0.8	5.0	1.43	.98	.844	.741
667-EEU-FR1E222S	EEU-FR1E222S	2200	25	16	20	3300	0.017	0.8	7.5	1.68	1.15	.991	.87
667-EEU-FR1E272L	EEU-FR1E272L	2700	25	12.5	35	3750	0.012	0.8	5.0	1.58	1.08	.936	.822
667-EEU-FR1E272S	EEU-FR1E272S	2700	25	16	20	3300	0.017	0.8	7.5	1.68	1.15	.991	.87
667-EEU-FR1E332	EEU-FR1E332	3300	25	16	25	3820	0.014	0.8	7.5	1.78	1.25	1.09	.966
667-EEU-FR1V330	EEU-FR1V330	33	35	5	11	280	0.300	0.5	2.0	.33	.15	.126	.107
667-EEU-FR1V680	EEU-FR1V680	68	35	6.3	11.2	455	0.130	0.5	2.5	.33	.16	.139	.121
667-EEU-FR1V181	EEU-FR1V181	180	35	8	11.5	950	0.056	0.6	3.5	.49	.26	.229	.199
667-EEU-FR1V271L	EEU-FR1V271L	270	35	8	15	1240	0.041	0.6	3.5	.61	.32	.282	.245
667-EEU-FR1V271	EEU-FR1V271	270	35	10	12.5	1290	0.043	0.6	5.0	.64	.38	.321	.287
667-EEU-FR1V391L	EEU-FR1V391L	390	35	8	20	1560	0.030	0.6	3.5	.71	.38	.33	.287
667-EEU-FR1V471L	EEU-FR1V471L	470	35	8	20	1560	0.030	0.6	3.5	.71	.38	.33	.287
667-EEU-FR1V471	EEU-FR1V471	470	35	10	16	1790	0.028	0.6	5.0	.71	.42	.356	.319
667-EEU-FR1V561	EEU-FR1V561	560	35	10	20	2180	0.020	0.6	5.0	.81	.48	.407	.365
667-EEU-FR1V681L	EEU-FR1V681L	680	35	10	25	2470	0.018	0.6	5.0	.91	.57	.493	.437
667-EEU-FR1V821L	EEU-FR1V821L	820	35	10	25	2470	0.018	0.6	5.0	.94	.60	.512	.454
667-EEU-FR1V102	EEU-FR1V102	1000	35	12.5	20	2600	0.018	0.6	5.0	1.01	.69	.595	.522
667-EEU-FR1V122	EEU-FR1V122	1200	35	12.5	25	3190	0.015	0.6	5.0	1.18	.81	.698	.612
667-EEU-FR1V152L	EEU-FR1V152L	1500	35	12.5	30	3630	0.013	0.8	5.0	1.43	.98	.844	.741
667-EEU-FR1V152S	EEU-FR1V152S	1500	35	16	20	3300	0.017	0.8	7.5	1.74	1.19	1.02	.902
667-EEU-FR1V182L	EEU-FR1V182L	1800	35	12.5	35	3750	0.012	0.8	5.0	1.58	1.08	.936	.822
667-EEU-FR1V222L	EEU-FR1V222L	2200	35	12.5	35	3750	0.012	0.8	5.0	1.64	1.12	.973	.854
667-EEU-FR1V222	EEU-FR1V222	2200	35	16	25	3820	0.014	0.8	7.5	1.78	1.25	1.09	.966
667-EEU-FR1H220	EEU-FR1H220	22	50	5	11.5	250	0.340	0.5	2.0	.33	.15	.126	.107
667-EEU-FR1H560	EEU-FR1H560	56	50	6.3	11.2	405	0.140	0.5	2.5	.33	.16	.139	.121
667-EEU-FR1H101	EEU-FR1H101	100	50	8	11.5	870	0.061	0.6	3.5	.49	.26	.229	.199
667-EEU-FR1H121L	EEU-FR1H121L	120	50	8	15	1140	0.045	0.6	3.5	.61	.32	.282	.245
667-EEU-FR1H151	EEU-FR1H151	150	50	10	12.5	1170	0.042	0.6	5.0	.63	.37	.316	.283
667-EEU-FR1H181L	EEU-FR1H181L	180	50	8	20	1430	0.033	0.6	3.5	.71	.38	.33	.287
667-EEU-FR1H221	EEU-FR1H221	220	50	10	16	1650	0.030	0.6	5.0	.71	.42	.356	.319
667-EEU-FR1H271	EEU-FR1H271	270	50	10	20	1890	0.023	0.6	5.0	.81	.48	.407	.365
667-EEU-FR1H331L	EEU-FR1H331L	330	50	10	25	2150	0.022	0.6	5.0	.94	.60	.512	.454
667-EEU-FR1H471	EEU-FR1H471	470	50	12.5	20	2260	0.022	0.6	5.0	1.01	.69	.595	.522
667-EEU-FR1H561	EEU-FR1H561	560	50	12.5	25	2660	0.018	0.6	5.0	1.18	.81	.698	.612
667-EEU-FR1H681L	EEU-FR1H681L	680	50	12.5	30	3160	0.016	0.8	5.0	1.43	.98	.844	.741
667-EEU-FR1H821L	EEU-FR1H821L	820	50	12.5	35	3270	0.014	0.8	5.0	1.58	1.08	.936	.822
667-EEU-FR1H821S	EEU-FR1H821S	820	50	16	20	2870	0.019	0.8	7.5	1.74	1.19	1.02	.902
667-EEU-FR1H102	EEU-FR1H102	1000	50	16	25	3320	0.016	0.8	7.5	1.78	1.25	1.09	.966

Aluminum Caps, Leaded Panasonic