

HF series replacement program to FC series (last order : September/End/2000)

ECEAxxFxxx

EEUFCxxxxx

2007/3/12

The deviation of case size is not acceptable, please select higher capacitance part,

shows deviation

HF Part No.	HF - series							FC Part No.	FC - series						
	WV V	Cap. uF	Case Size		Pitch mm	Ripple A 105C	Imp. ohm		WV V	Cap. uF	Case Size		Pitch mm	Ripple A 105C	Imp. ohm
			Dmm	Lmm							Dmm	Lmm			
ECEA1AF470	10	47	6.3	11.2	2.5	140	1.800	EEUFC1A470	10	47	4	11	1.5	120	1.300
								EEUFC1A820	10	82	6.3	7	2.5	200	0.450
								EEUFC1V470	35	47	6.3	11	2.5	290	0.350
ECEA1AF101	10	100	8.0	11.5	3.5	210	1.500	EEUFC1A101S	10	100	5	11	2.0	175	0.800
								EEUFC1A330	10	330	8	11.5	3.5	555	0.117
								EEUFC1V101	35	100	8	11.5	3.5	555	0.117
ECEA1AF221	10	220	10.0	16.0	5.0	476	0.220	EEUFC1A221S	10	220	6.3	11	2.5	290	0.350
								EEUFC1A221	10	220	6.3	15	2.5	400	0.250
								EEUFC1A561	10	560	10	12.5	5.0	755	0.090
								EEUFC1V221	35	220	10	12.5	5.0	755	0.090
ECEA1AF331	10	330	10.0	20.0	5.0	630	0.180	EEUFC1A331	10	330	8	11.5	3.5	555	0.117
								EEUFC1A561	10	560	10	12.5	5.0	755	0.090
								EEUFC1E331	25	330	10	12.5	5.0	755	0.090
ECEA1AF471	10	470	12.5	20.0	5.0	875	0.140	EEUFC1A471	10	470	8	11.5	3.5	555	0.117
								EEUFC1A561	10	560	10	12.5	5.0	755	0.090
								EEUFC1C471	16	470	10	12.5	5.0	755	0.090
ECEA1AF102	10	1000	12.5	25.0	5.0	1225	0.100	EEUFC1A102L	10	1000	8	20	3.5	995	0.065
								EEUFC1A102	10	1000	10	16	5.0	1050	0.068
ECEA1AF222	10	2200	16.0	31.5	7.5	2310	0.050	EEUFC1A222L	10	2200	10	30	5.0	1815	0.035
								EEUFC1A222	10	2200	12.5	20	5.0	1655	0.038
								EEUFC1A332	10	3300	16	20	7.5	2205	0.029
								EEUFC1C222S	16	2200	16	20	7.5	2205	0.029
ECEA1CF220	16	22	6.3	11.2	2.5	140	1.800	EEUFC1C270	16	27	5	7	2.0	120	0.950
								EEUFC1C560	16	56	6.3	7	2.5	200	0.045
								EEUFC1J220	63	22	6.3	11.2	2.5	240	1.000
ECEA1CF330	16	33	6.3	11.2	2.5	140	1.800	EEUFC1C390	16	39	4	11	1.5	120	1.300
								EEUFC1C560	16	56	6.3	7	2.5	200	0.045
								EEUFC1H330	50	33	6.3	11	2.5	260	0.600
ECEA1CF470	16	47	8.0	11.5	3.5	210	1.500	EEUFC1C470	16	47	5	11	2.0	175	0.800
								EEUFC1C221	16	220	8	11.5	3.5	555	0.117
								EEUFC1J470	63	47	8	11.5	3.5	405	0.342
ECEA1CF101	16	100	10.0	12.5	5.0	350	0.300	EEUFC1C101	16	100	6.3	11.2	2.5	290	0.350
								EEUFC1C391	16	390	10	12.5	5.0	755	0.090
								EEUFC1H101	50	100	10	12.5	5.0	615	0.162
ECEA1CF221	16	220	10.0	16.0	5.0	476	0.220	EEUFC1C221	16	220	8	11.5	3.5	555	0.117
								EEUFC1C391	16	390	10	12.5	5.0	755	0.090
								EEUFC1V221	35	220	10	12.5	5.0	755	0.090
ECEA1CF331	16	330	10.0	20.0	5.0	630	0.180	EEUFC1C331	16	330	8	11.5	3.5	555	0.117
								EEUFC1C391	16	390	10	12.5	5.0	755	0.090
								EEUFC1E331	25	330	10	12.5	5.0	755	0.090
ECEA1CF471	16	470	12.5	20.0	5.0	875	0.140	EEUFC1C471L	16	470	8	15	3.5	730	0.085
								EEUFC1C471	16	470	10	12.5	5.0	755	0.090
ECEA1CF102	16	1000	16.0	25.0	7.5	1708	0.070	EEUFC1C102S	16	1000	10	12.5	5.0	1220	0.052
								EEUFC1C102	16	1000	10	25	5.0	1440	0.045
								EEUFC1C122	16	1200	16	15	7.5	1690	0.043
								EEUFC1E102S	25	1000	16	15	7.5	1690	0.043
ECEA1CF222	16	2200	18.0	31.5	7.5	2800	0.045	EEUFC1C222	16	2200	12.5	25	5.0	1945	0.030
								EEUFC1C222S	16	2200	16	20	7.5	2205	0.029
ECEA1EF010	25	1.0	6.3	11.2	2.5	56	1.800	EEUFC1E100	25	10	4	7	1.5	65	2.000
								EEUFC1E390	25	39	6.3	7	2.5	200	0.450
ECEA1EF2R2	25	2.2	6.3	11.2	2.5	56	1.800	EEUFC1E100	25	10	4	7	1.5	65	2.000
								EEUFC1E390	25	39	6.3	7	2.5	200	0.450
ECEA1EF3R3	25	3.3	6.3	11.2	2.5	56	1.800	EEUFC1E100	25	10	4	7	1.5	65	2.000
								EEUFC1E390	25	39	6.3	7	2.5	200	0.450
ECEA1EF4R7	25	4.7	6.3	11.2	2.5	70	1.800	EEUFC1E100	25	10	4	7	1.5	65	2.000
								EEUFC1E390	25	39	6.3	7	2.5	200	0.450
ECEA1EF100	25	10	6.3	11.2	2.5	70	1.800	EEUFC1E100	25	10	4	7	1.5	65	2.000
								EEUFC1E390	25	39	6.3	7	2.5	200	0.450
ECEA1EF220	25	22	8.0	11.5	3.5	210	1.500	EEUFC1E220	25	22	5	7	2.0	120	0.950
								EEUFC1E181	25	180	8	11.5	3.5	555	0.117
								EEUFC2A220	100	22	8	11.5	3.5	260	0.680
ECEA1EF330	25	33	8.0	11.5	3.5	210	1.500	EEUFC1E390	25	39	5	11	2.0	175	0.800
								EEAFC1E390	25	39	6.3	7	2.5	200	0.045
								EEUFC1E180	25	180	8	11.5	3.5	555	0.117
ECEA1EF470	25	47	10.0	12.5	5.0	350	0.300	EEUFC1E470	25	47	5	11	2.0	175	0.800
								EEUFC1E271	25	270	10	12.5	5.0	755	0.090
ECEA1EF101	25	100	10.0	16.0	5.0	476	0.220	EEUFC1E101S	25	100	6.3	11.2	2.5	290	0.350
								EEUFC1E271	25	270	10	12.5	5.0	755	0.090
								EEUFC1H101	50	100	10	12.5	5.0	615	0.162
ECEA1EF221	25	220	12.5	20.0	5.0	875	0.140	EEUFC1E221	25	220	8	11.5	3.5	555	0.117
								EEUFC1E331	25	330	10	12.5	5.0	755	0.090
								EEUFC1V221	35	220	10	12.5	5.0	755	0.090
ECEA1EF331	25	330	12.5	25.0	5.0	1225	0.100	EEUFC1E331L	25	330	8	15	3.5	730	0.085
								EEUFC1E331	25	330	10	12.5	5.0	755	0.090
ECEA1EF471	25	470	16.0	25.0	7.5	1708	0.070	EEUFC1E471L	25	470	8	20	5.0	995	0.065
								EEUFC1E471	25	470	10	16	5.0	1050	0.068
								EEUFC1E102S	25	1000	16	15	7.5	1690	0.043
								EEUFC1J471	63	470	16	20	7.5	1765	0.059
ECEA1EF102	25	1000	16.0	31.5	7.5	2310	0.050	EEUFC1E102L	25	1000	10	30	5.0	1815	0.035
								EEUFC1E102	25	1000	12.5	20	5.0	1655	0.038
								EEUFC1E102S	25	1000	16	15	7.5	1690	0.043
ECEA1VF330	35	33	10.0	12.5	5.0	350	0.300	EEUFC1V330	35	33	5	11	2.0	175	0.800

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2007/3/12

The deviation of case size is not acceptable, please select higher capacitance part,

shows deviation

HF - series								FC - series							
HF Part No.	WV V	Cap. uF	Case Size		Pitch mm	Ripple A 105C	Imp. ohm	FC Part No.	WV V	Cap. uF	Case Size		Pitch mm	Ripple A 105C	Imp. ohm
			Dmm	Lmm							Dmm	Lmm			
							EEUFC1V181	35	180	10	12.5	5.0	755	0.090	
							EEUFC2A330L	100	33	10	12.5	5.0	306	0.530	
ECEA1VF470	35	47	10.0	16.0	5.0	476	0.220	EEUFC1V470	35	47	6.3	11.2	2.5	290	0.350
							EEUFC1V181	35	180	10	12.5	5.0	755	0.090	
ECEA1VF101	35	100	10.0	20.0	5.0	630	0.180	EEUFC1V101	35	100	8	11.5	3.5	555	0.117
							EEUFC1V181	35	180	10	12.5	5.0	755	0.090	
							EEUFC1H101	50	100	10	12.5	5.0	615	0.162	
ECEA1VF221	35	220	12.5	25.0	5.0	1225	0.100	EEUFC1V221L	35	220	8	15	3.5	730	0.085
							EEUFC1V221	35	220	10	12.5	5.0	755	0.090	
ECEA1VF331	35	330	16.0	25.0	7.5	1708	0.070	EEUFC1V331L	35	330	8	20	3.5	995	0.065
							EEUFC1V331	35	330	10	16	5.0	1050	0.068	
							EEUFC1V681S	35	680	16	15	7.5	1690	0.043	
ECEA1VF471	35	470	16.0	31.5	7.5	2310	0.050	EEUFC1V471	35	470	10	20	5.0	1220	0.052
							EEUFC1V681S	35	680	16	15	7.5	1690	0.043	
							EEUFC1J471	63	470	16	20	7.5	1765	0.059	
ECEA1HF010	50	1.0	8.0	11.5	3.5	70	1.500	EEUFC1H1R0	50	1.0	5	11	2.0	20	2.400
							EEUFC1H680	50	68.0	8	11.5	3.5	485	0.234	
ECEA1HF2R2	50	2.2	8.0	11.5	3.5	70	1.500	EEUFC1H2R2	50	2.2	5	11	2.0	45	1.800
							EEUFC1H680	50	68.0	8	11.5	3.5	485	0.234	
ECEA1HF3R3	50	3.3	8.0	11.5	3.5	70	1.500	EEUFC1H3R3	50	3.3	5	11	2.0	65	1.300
							EEUFC1H680	50	68.0	8	11.5	3.5	485	0.234	
ECEA1HF4R7	50	4.7	8.0	11.5	3.5	140	1.500	EEUFC1H4R7	50	4.7	5	11	2.0	95	1.300
							EEUFC1H680	50	68.0	8	11.5	3.5	485	0.234	
ECEA1HF100	50	10	8.0	11.5	3.5	210	1.500	EEUFC1H100	50	10	4	11	1.5	90	2.500
							EEUFC1H100L	50	10	5	11	2.0	125	1.300	
							EEUFC1H680	50	68.0	8	11.5	3.5	485	0.234	
ECEA1HF220	50	22	10.0	12.5	5.0	350	0.300	EEUFC1H220	50	22	5	11	2.0	155	1.300
							EEUFC1H101	50	100	10	12.5	5.0	615	0.162	
ECEA1HF330	50	33	10.0	16.0	5.0	476	0.220	EEUFC1H330	50	33	6.3	11.2	2.5	260	0.600
							EEUFC1H101	50	100	10	12.5	5.0	615	0.162	
							EEUFC2A330	100	33	10	12.5	5.0	306	0.530	
ECEA1HF470	50	47	10.0	20.0	5.0	630	0.180	EEUFC1H470	50	47	6.3	11.2	2.5	260	0.600
							EEUFC1H101	50	100	10	12.5	5.0	615	0.162	
ECEA1HF101	50	100	12.5	25.0	5.0	1225	0.100	EEUFC1H101	50	100	10	12.5	5.0	615	0.162
ECEA1HF221	50	220	16.0	25.0	7.5	1708	0.070	EEUFC1H221	63	220	10	20	5.0	1030	0.090
							EEUFC1H221S	50	220	12.5	15	5.0	1150	0.110	
							EEUFC1H391	50	390	16	15	7.5	1610	0.080	
							EEUFC2A221	100	220	16	25	7.5	1170	0.089	
ECEA1HF331	50	330	16.0	31.5	7.5	2310	0.050	EEUFC1H331L	50	330	10	30	5.0	1610	0.060
							EEUFC1H331	50	330	12.5	20	5.0	1480	0.063	
							EEUFC1H391	50	390	16	15	7.5	1610	0.080	
							EEUFC2A331	100	330	16	31.5	7.5	1520	0.062	
ECEA1JF220	63	22	10.0	16.0	5.0	476	0.220	EEUFC1J220	63	22	6.3	11.2	2.5	240	1.000
							EEUFC1J820	63	82	10	12.5	5.0	535	0.256	
ECEA1JF330	63	33	10.0	16.0	5.0	476	0.220	EEUFC1J330	63	33	6.3	11.2	2.5	240	1.000
							EEUFC1J820	63	82	10	12.5	5.0	535	0.256	
							EEUFC2A330	100	33	10	12.5	5.0	306	0.530	
ECEA1JF470	63	47	10.0	20.0	5.0	630	0.180	EEUFC1J470	63	47	8	11.5	3.5	405	0.342
							EEUFC1J820	63	82	10	12.5	5.0	535	0.256	
ECEA1JF101	63	100	12.5	25.0	5.0	1225	0.100	EEUFC1J101L	63	100	8	15	3.5	535	0.250
							EEUFC1J101	63	100	10	12.5	5.0	535	0.256	
ECEA1JF221	63	220	16.0	31.5	7.5	2310	0.050	EEUFC1J221X	63	220	10	20	5.0	885	0.147
							EEUFC1J221	63	220	10	25	5.0	1050	0.130	
							EEUFC1J221S	63	220	12.5	20	5.0	1285	0.085	
							EEUFC2A221	100	220	16	25	7.5	1170	0.089	