

**SUBJECT: EEU-FA Series Radial Leaded Aluminum Electrolytic Capacitor
will be Discontinued Effective per below.**

BULLETIN #: ECG.PG.44.00.0425

Date: April 24, 2000

LAST TIME BUY: October 31, 2000

LAST TIME SHIPMENT: December 31, 2000

**SUGGESTED REPLACEMENT: EEU-FC (FC series) Radial Leaded Aluminum
Electrolytic Capacitor**

The EEU-FC (FC Series) radial leaded aluminum electrolytic capacitor is the recommended replacement for the FA series. Generally the FC series is a drop in replacement for the FA series but there maybe some exceptions in can size, lead spacing, footprint and electrical properties depending on the capacitance and voltage values required. Please contact the Resident Engineers for the exact replacement part number and any deviations.

Please notify your customers of the change.

FA series replacement program to FC series (last order : July/End/2000)

EEUFAxxxxx



EEUFCxxxxx

1998/10/20

The deviation of ripple current/impedance is not acceptable in smaller size, please select higher voltage or higher capacitance part.

shows deviation

1999/11/24 rev.A

FA series							FC series								
FA series	WV V	Cap. uF	Case Size		Pitch mm	Ripple mA	Imp. ohm	FC series	WV V	Cap. uF	Case Size		Pitch mm	Ripple mA	Imp. ohm
			Dmm	Lmm							Dmm	Lmm			
EEUFA1H820	50	82	8	11.5	3.5	485	0.234	EEUFC1H820	50	82	8	11.5	3.5	485	0.234
EEUFA1H121L	50	120	8	15	3.5	635	0.155	EEUFC1H121L	50	120	8	15	3.5	635	0.155
EEUFA1H121	50	120	10	12.5	5.0	615	0.162	EEUFC1H121	50	120	10	12.5	5.0	615	0.162
EEUFA1H151	50	150	10	16	5.0	740	0.119	EEUFC1H151	50	150	10	16	5.0	850	0.119
EEUFA1H181	50	180	8	20	3.5	860	0.120	EEUFC1H181L	50	180	8	20	3.5	860	0.120
EEUFA1H221	50	220	10	20	5.0	1030	0.090	EEUFC1H221	50	220	10	20	5.0	1030	0.090
EEUFA1H221S	50	220	12.5	15	5.0	1150	0.100	EEUFC1H221S	50	220	12.5	15	5.0	1150	0.110
EEUFA1H271	50	270	10	25	5.0	1200	0.082	EEUFC1H271	50	270	10	25	5.0	1200	0.082
EEUFA1H391	50	390	12.5	20	5.0	1480	0.058	EEUFC1H391	50	390	12.5	20	5.0	1480	0.063
EEUFA1H391S	50	390	16	15	7.5	1610	0.075	EEUFC1H391S	50	390	16	15	7.5	1610	0.080
EEUFA1H471	50	470	10	30	5.0	1610	0.060	EEUFC1H471L	50	470	10	30	5.0	1610	0.060
EEUFA1H561	50	560	12.5	25	5.0	1832	0.050	EEUFC1H561	50	560	12.5	25	5.0	1832	0.050
EEUFA1H561S	50	560	18	15	7.5	1900	0.062	EEUFC1H561S	50	560	18	15	7.5	1900	0.068
EEUFA1H681L	50	680	12.5	30	5.0	2215	0.040	EEUFC1H681L	50	680	12.5	30	5.0	2215	0.040
EEUFA1H681	50	680	16	20	7.5	1835	0.048	EEUFC1H681	50	680	16	20	7.5	1835	0.048
EEUFA1H821L	50	820	12.5	35	5.0	2285	0.034	EEUFC1H821L	50	820	12.5	35	5.0	2285	0.034
EEUFA1H821	50	820	18	20	7.5	2420	0.040	EEUFC1H821	50	820	18	20	7.5	2420	0.042
EEUFA1H102L	50	1000	12.5	40	5.0	2590	0.030	EEUFC1H102L	50	1000	12.5	40	5.0	2590	0.030
EEUFA1H102	50	1000	16	25	7.5	2235	0.034	EEUFC1H102	50	1000	16	25	7.5	2235	0.034
EEUFA1H122	50	1200	16	31.5	7.5	2700	0.028	EEUFC1H122	50	1200	16	31.5	7.5	2700	0.028
EEUFA1H122S	50	1200	18	25	7.5	2610	0.029	EEUFC1H122S	50	1200	18	25	7.5	2610	0.029
EEUFA1H152L	50	1500	16	35.5	7.5	2790	0.025	EEUFC1H152L	50	1500	16	35.5	7.5	2790	0.025
EEUFA1H152	50	1500	18	31.5	7.5	3000	0.025	EEUFC1H152L	50	1500	16	35.5	7.5	2790	0.025
EEUFA1H182L	50	1800	16	40	7.5	2845	0.023	EEUFC1H182L	50	1800	16	40	7.5	2845	0.023
EEUFA1H182	50	1800	18	35.5	7.5	3100	0.023	EEUFC1H182	50	1800	18	31.5	7.5	3000	0.025
EEUFA1H222	50	2200	18	40	7.5	3250	0.020	EEUFC1H222	50	2200	18	35.5	7.5	3100	0.023
EEUFA1J680	63	68	8	11.5	3.5	405	0.342	EEUFC1J680	63	68	8	11.5	3.5	405	0.342
EEUFA1J101L	63	100	8	15	3.5	535	0.230	EEUFC1J101L	63	100	8	15	3.5	535	0.230
EEUFA1J101	63	100	10	12.5	5.0	535	0.256	EEUFC1J101	63	100	10	12.5	5.0	535	0.256
EEUFA1J121	63	120	10	16	5.0	600	0.194	EEUFC1J121	63	120	10	16	5.0	600	0.194
EEUFA1J151	63	150	8	20	3.5	690	0.178	EEUFC1J151	63	150	8	20	3.5	690	0.178
EEUFA1J181	63	180	10	20	5.0	885	0.147	EEUFC1J181	63	180	10	20	5.0	885	0.147
EEUFA1J181S	63	180	12.5	15	5.0	1020	0.150	EEUFC1J181S	63	180	12.5	15	5.0	1020	0.150
EEUFA1J221	63	220	10	25	5.0	1050	0.130	EEUFC1J221	63	220	10	25	5.0	1050	0.130
EEUFA1J271	63	270	16	15	7.5	1410	0.090	EEUFC1J271	63	270	16	15	7.5	1410	0.090
EEUFA1J331L	63	330	10	30	5.0	1300	0.090	EEUFC1J331L	63	330	10	30	5.0	1300	0.090
EEUFA1J331	63	330	12.5	20	5.0	1285	0.085	EEUFC1J331	63	330	12.5	20	5.0	1285	0.085
EEUFA1J391	63	390	12.5	25	5.0	1720	0.070	EEUFC1J391	63	390	12.5	25	5.0	1720	0.070
EEUFA1J391S	63	390	18	15	7.5	1690	0.086	EEUFC1J391S	63	390	18	15	7.5	1690	0.086
EEUFA1J471L	63	470	12.5	30	5.0	2090	0.055	EEUFC1J471L	63	470	12.5	30	5.0	2090	0.055
EEUFA1J471	63	470	16	20	7.5	1765	0.059	EEUFC1J471	63	470	16	20	7.5	1765	0.059
EEUFA1J681L	63	680	12.5	35	5.0	2265	0.047	EEUFC1J681L	63	680	12.5	35	5.0	2265	0.047
EEUFA1J681	63	680	16	25	7.5	2160	0.050	EEUFC1J681	63	680	16	25	7.5	2160	0.050
EEUFA1J681S	63	680	18	20	7.5	2290	0.055	EEUFC1J681S	63	680	18	20	7.5	2290	0.055
EEUFA1J821L	63	820	12.5	40	5.0	2560	0.042	EEUFC1J821L	63	820	12.5	40	5.0	2560	0.042
EEUFA1J821	63	820	16	31.5	7.5	2670	0.043	EEUFC1J821	63	820	16	31.5	7.5	2670	0.043
EEUFA1J821S	63	820	18	25	7.5	2585	0.043	EEUFC1J821S	63	820	18	25	7.5	2585	0.043
EEUFA1J102	63	1000	16	35.5	7.5	2770	0.036	EEUFC1J102	63	1000	16	35.5	7.5	2770	0.036
EEUFA1J122L	63	1200	16	40	7.5	2825	0.030	EEUFC1J122L	63	1200	16	40	7.5	2825	0.030
EEUFA1J122	63	1200	18	31.5	7.5	2950	0.032	EEUFC1J122	63	1200	18	31.5	7.5	2950	0.032
EEUFA1J152	63	1500	18	35.5	7.5	3095	0.030	EEUFC1J152	63	1500	18	35.5	7.5	3095	0.030
EEUFA1J182	63	1800	18	40	7.5	3205	0.025	EEUFC1J182	63	1800	18	40	7.5	3205	0.025