

**SUBJECT: Large Can SMT EEV-FC Series SMT Aluminum Electrolytic Capacitor with 12.5 to 18 mm diameter will be discontinued Effective per below.**

**BULLETIN #: ECG.PG.44.02.0419**

**Date: April 19, 2002**

**Please NOTE that the EEV-FC will continue to be available for diameters 10mm and less.**

**LAST TIME BUY: October 31, 2002**

**LAST TIME SHIPMENT: October 31, 2002**

**SUGGESTED REPLACEMENT: EEV-FK SMT Aluminum Electrolytic Capacitor**

The EEV-FK SMT aluminum electrolytic capacitor is the recommended replacement for the EEV-FC large can 12.5 to 18mm diameter series.

Generally the EEV-FK series is not an exact drop in replacement for the EEV-FC large can series. There maybe some exceptions in can size, lead spacing, footprint and electrical properties depending on the capacitance and voltage values required etc. Please see the attached part number cross-reference for further details. Please contact the Resident Engineers for further information.

Please notify your customers of the change.

(Large can = 12.5-18mm dia. only / 4-10mm dia. Parts are continuously on program !!)

(last shipment Oct/End/2002: )

**EEVFCxxxxxQ/N**

**EEVFKxxxxxQ/M**

2002/4/15

If there are 2 or more replacement, First offer = Smaller size(Low cost),

shows deviation

FC series							FK series						
Part No.	W.V (V)	Cap. (uF)	Dimensions		Ripple (mA)	ESR (ohm)	Part No.	W.V (V)	Cap. (uF)	Dimensions		Ripple (mA)	ESR (ohm)
			D	L						D	L		
EEVFC0J222N	6.3	2,200	16.0	16.5	1690	0.043	EEVFK1A222Q	10	2,200	12.5	13.5	1100	0.060
EEVFC0J332N	6.3	3,300	18.0	16.5	2000	0.038	EEVFK1E222M	25	2,200	16.0	16.5	1800	0.035
EEVFC0J472N	6.3	4,700	18.0	21.5	2205	0.028	EEVFK0J332M	6.3	3,300	12.5	13.5	1100	0.060
EEVFC0J682N	6.3	6,800	18.0	21.5	2490	0.028	EEVFK1C332M	16	3,300	16.0	16.5	1800	0.035
EEVFC1A102LQ	10	1,000	12.5	16.5	1205	0.065	EEVFK1E332M	25	3,300	18.0	16.5	2060	0.033
EEVFC1A222N	10	2,200	16.0	16.5	1690	0.043	EEVFK1A472M	10	4,700	16.0	16.5	1800	0.035
EEVFC1A332N	10	3,300	18.0	16.5	2000	0.038	EEVFK1C472M	16	4,700	18.0	16.5	2060	0.033
EEVFC1A472N	10	4,700	18.0	21.5	2490	0.028	EEVFK0J682M	6.3	6,800	16.0	16.5	1800	0.035
EEVFC1A682N	10	6,800	18.0	21.5	2490	0.028	EEVFK1A682M	10	6,800	18.0	16.5	2060	0.033
EEVFC1C102N	16	1,000	16.0	16.5	1690	0.043	EEVFK1A102P	10	1,000	10.0	10.2	850	0.080
EEVFC1C222N	16	2,200	18.0	16.5	2000	0.038	EEVFK1E102Q	25	1,000	12.5	13.5	1100	0.060
EEVFC1C332N	16	3,300	18.0	21.5	2490	0.028	EEVFK1A222Q	10	2,200	12.5	13.5	1100	0.060
EEVFC1E471LQ	25	470	12.5	16.5	1205	0.065	EEVFK1E222M	25	2,200	16.0	16.5	1800	0.035
EEVFC1E102N	25	1,000	18.0	16.5	2000	0.038	EEVFK1C332M	16	3,300	16.0	16.5	1800	0.035
EEVFC1E222N	25	2,200	18.0	21.5	2490	0.028	EEVFK1E332M	25	3,300	18.0	16.5	2060	0.033
EEVFC1V331LQ	35	330	12.5	16.5	1205	0.065	EEVFK1A472M	10	4,700	16.0	16.5	1800	0.035
EEVFC1V471N	35	470	16.0	16.5	1690	0.043	EEVFK1C472M	16	4,700	18.0	16.5	2060	0.033
EEVFC1V102N	35	1,000	18.0	16.5	2000	0.038	EEVFK1A682M	10	6,800	18.0	16.5	2060	0.033
EEVFC1V222N	35	2,200	18.0	21.5	2490	0.028	EEVFK1E102Q	25	1,000	12.5	13.5	1100	0.060
EEVFC1H221LQ	50	220	12.5	16.5	1150	0.110	EEVFK1V152M	35	1,500	16.0	16.5	1800	0.035
EEVFC1H331N	50	330	16.0	16.5	1610	0.080	EEVFK1H102M	50	1,000	16.0	16.5	1610	0.073
EEVFC1H471N	50	470	18.0	16.5	1900	0.068	EEVFK1E222M	25	2,200	16.0	16.5	1800	0.035
EEVFC1H102N	50	1,000	18.0	21.5	2420	0.042	EEVFK1V331P	35	330	10.0	10.2	850	0.080
EEVFC1J680Q	63	68	12.5	16.5	1020	0.150	EEVFK1V471Q	35	470	12.5	13.5	1100	0.060
EEVFC1J101Q	63	100	12.5	16.5	1020	0.150	EEVFK1H331Q	50	330	12.5	13.5	900	0.120
EEVFC1J221N	63	220	16.0	16.5	1410	0.090	EEVFK1V471Q	35	470	12.5	13.5	1100	0.060
EEVFC1J331N	63	330	18.0	16.5	1690	0.086	EEVFK1J471M	63	470	16.0	16.5	1410	0.082
EEVFC1J471N	63	470	18.0	21.5	2290	0.055	EEVFK1H102M	50	1,000	16.0	16.5	1610	0.073
EEVFC2A470Q	100	47	12.5	16.5	511	0.300	EEVFK1V152M	35	1,500	16.0	16.5	1800	0.035
EEVFC2A680Q	100	68	12.5	16.5	511	0.300	EEVFK1H221P	50	220	10.0	10.2	670	0.180
EEVFC2A101N	100	100	16.0	16.5	793	0.180	EEVFK1J221Q	63	220	12.5	13.5	800	0.160
EEVFC2A221N	100	220	18.0	16.5	917	0.155	EEVFK1H331Q	50	330	12.5	13.5	900	0.120
EEVFC2A331N	100	330	18.0	21.5	1230	0.083	EEVFK1K331M	80	330	16.0	16.5	793	0.170
							EEVFK1J471M	63	470	16.0	16.5	1410	0.082
							EEVFK1K471M	80	470	18.0	16.5	917	0.153
							EEVFK1H102M	50	1,000	16.0	16.5	1610	0.073
							EEVFK1J680P	63	68	10.0	10.2	400	0.350
							EEVFK1K680Q	80	68	12.5	13.5	500	0.320
							EEVFK1J151Q	63	150	12.5	13.5	800	0.160
							EEVFK1J101P	63	100	10.0	10.2	400	0.350
							EEVFK1K101Q	80	100	12.5	13.5	500	0.320
							EEVFK1J151Q	63	150	12.5	13.5	800	0.160
							EEVFK1J221Q	63	220	12.5	13.5	800	0.160
							EEVFK1J471M	63	470	16.0	16.5	1410	0.082
							EEVFK1K331M	80	330	16.0	16.5	793	0.170
							EEVFK2A331M	100	330	18.0	16.5	917	0.153
							EEVFK1J681M	63	680	18.0	16.5	1690	0.080
							EEVFK1J471M	63	470	16.0	16.5	1410	0.082
							EEVFK1K471M	80	470	18.0	16.5	917	0.153
							EEVFK1J681M	63	680	18.0	16.5	1690	0.080
							EEVFK2A470Q	100	47	12.5	13.5	500	0.320
							EEVFK2A680Q	100	68	12.5	13.5	500	0.320
							EEVFK2A101M	100	100	16.0	16.5	793	0.170
							EEVFK2A221M	100	220	18.0	16.5	917	0.153
							EEVFK2A331M	100	330	18.0	16.5	917	0.153