

**SUBJECT: ECE-VxxA (VA Series) Surface Mount Aluminum Electrolytic Capacitor will be Discontinued Effective per below.**

**BULLETIN #: ECG.PG.44.99.1216**

**Date: December 16, 1999**

**LAST TIME BUY: March 31, 2000**

**LAST TIME SHIPMENT: May 31, 2000**

**SUGGESTED REPLACEMENT: ECE-VxxA/S (VS Series) Surface Mount Aluminum Electrolytic Capacitor**

The ECE-VxxA/S (VS Series) surface mount aluminum electrolytic capacitor is the recommended replacement for the VA series. The VS series is a drop in replacement for the VA series. Please see the attached cross-reference list for detailed information by part number.

Please contact the Resident Engineers if you have any questions or require additional information.

Please notify your customers of the change.

# VA series replacement program to VS series (last order : Mar./End/2000)

ECEVxxAxxxR/P → ECEVxxAxxxS/W (R/P)

1998/9/22

If there are 2 items on VS series replacement, First offer = first line item (same size),  
and if customer could accept smaller size, please offer 2nd line item.

shows deviation

VA series						VS series					
Part No.	W.V dcv	Cap. mfd	Dimensions		Ripple A rms	Part No.	W.V dcv	Cap. mfd	Dimensions		Ripple A rms
			D	L					D	L	
ECEV0GA330R	4	33	4.0	5.7	0.026	ECEV0GA330SR	4	33	4.0	5.4	0.026
ECEV0GA470R	4	47	4.0	5.7	0.034	ECEV0GA470SR	4	47	4.0	5.4	0.034
ECEV0GA101P	4	100	5.0	5.7	0.061	ECEV0GA101SR	4	100	5.0	5.4	0.061
ECEV0GA221P	4	220	6.3	5.7	0.082	ECEV0GA221SP	4	220	6.3	5.4	0.082
ECEV0JA220R	6.3	22	4.0	5.7	0.029	ECEV0JA220SR	6.3	22	4.0	5.4	0.029
ECEV0JA330R	6.3	33	5.0	5.7	0.038	ECEV0JA330SR	6.3	33	5.0	5.4	0.029
						ECEV0JA330WR	6.3	33	4.0	5.4	0.022
ECEV0JA470P	6.3	47	5.0	5.7	0.046	ECEV0JA470SR	6.3	47	5.0	5.4	0.046
ECEV0JA101P	6.3	100	6.3	5.7	0.071	ECEV0JA101SP	6.3	100	6.3	5.4	0.071
ECEV0JA681P	6.3	680	10.0	10.5	0.550	N/B					
ECEV0JA821P	6.3	820	10.0	10.5	0.660	N/B					
ECEV1AA220P	10	22	5.0	5.7	0.035	ECEV1CA220SR	16	22	5.0	5.4	0.039
						ECEV1AA220WR	10	22	4.0	5.4	0.028
ECEV1AA330P	10	33	5.0	5.7	0.043	ECEV1AA330SR	10	33	5.0	5.4	0.043
						ECEV1AA330WR	10	33	4.0	5.4	0.029
ECEV1AA470P	10	47	6.3	5.7	0.065	ECEV1AA470SP	10	47	6.3	5.4	0.065
						ECEV1AA470WR	10	47	5.0	5.4	0.043
ECEV1AA101UP	10	100	6.3	5.7	0.073	ECEV1AA101SP	10	100	6.3	5.4	0.070
ECEV1CA100R	16	10	4.0	5.7	0.028	ECEV1CA100SR	16	10	4.0	5.4	0.028
ECEV1CA220P	16	22	5.0	5.7	0.039	ECEV1CA220SR	16	22	5.0	5.4	0.039
						ECEV1CA220WR	16	22	4.0	5.4	0.028
ECEV1CA330P	16	33	6.3	5.7	0.060	ECEV1EA330SP	25	33	6.3	5.4	0.065
						ECEV1CA330WR	16	33	5.0	5.4	0.035
ECEV1CA470P	16	47	6.3	5.7	0.070	ECEV1CA470SP	16	47	6.3	5.4	0.070
						ECEV1CA470WR	16	47	5.0	5.4	0.039
ECEV1EA4R7R	25	4.7	4.0	5.7	0.022	ECEV1EA4R7SR	25	5	4.0	5.4	0.022
ECEV1EA6R8R	25	6.8	4.0	5.7	0.025	N/B					
ECEV1EA100P	25	10	5.0	5.7	0.028	ECEV1EA100SR	25	10	5.0	5.4	0.028
ECEV1EA220P	25	22	6.3	5.7	0.055	ECEV1EA220SP	25	22	6.3	5.4	0.055
ECEV1EA330P	25	33	6.3	5.7	0.065	ECEV1EA330SP	25	33	6.3	5.4	0.065
ECEV1VA4R7R	35	4.7	4.0	5.7	0.022	ECEV1VA4R7SR	35	5	4.0	5.4	0.022
ECEV1VA100P	35	10	5.0	5.7	0.030	ECEV1VA100SR	35	10	5.0	5.4	0.030
ECEV1VA220P	35	22	6.3	5.7	0.060	ECEV1VA220SP	35	22	6.3	5.4	0.060
ECEV1HA0R1R	50	0.1	4.0	5.7	0.001	ECEV1HA0R1SR	50	0.1	4.0	5.4	0.001
ECEV1HAR15R	50	0.15	4.0	5.7	0.002	N/B					
ECEV1HAR22R	50	0.22	4.0	5.7	0.002	ECEV1HAR22SR	50	0.22	4.0	5.4	0.002
ECEV1HAR33R	50	0.33	4.0	5.7	0.003	ECEV1HAR33SR	50	0.33	4.0	5.4	0.003
ECEV1HAR47R	50	0.47	4.0	5.7	0.005	ECEV1HAR47SR	50	0.47	4.0	5.4	0.005
ECEV1HAR68R	50	0.68	4.0	5.7	0.007	N/B					
ECEV1HA010R	50	1	4.0	5.7	0.010	ECEV1HA010SR	50	1.0	4.0	5.4	0.010
ECEV1HA2R2R	50	2.2	4.0	5.7	0.016	ECEV1HA2R2SR	50	2.2	4.0	5.4	0.016
ECEV1HA3R3R	50	3.3	4.0	5.7	0.016	ECEV1HA3R3SR	50	3.3	4.0	5.4	0.016
ECEV1HA4R7P	50	4.7	5.0	5.7	0.023	ECEV1HA4R7SR	50	4.7	5.0	5.4	0.023
ECEV1HA6R8P	50	6.8	6.3	5.7	0.027	N/B					
ECEV1HA100P	50	10	6.3	5.7	0.035	ECEV1HA100SP	50	10	6.3	5.4	0.035