

**DISCONTINUED PRODUCT
NOTIFICATION**

SUBJECT: ECE-AxxNxxS (Bi-Polar S) Series Radial Leaded Aluminum Electrolytic Capacitor will be Discontinued Effective per below.

BULLETIN #: ECG.PG.44.99.1214

Date: December 14, 1999

LAST TIME BUY: March 31, 2000

LAST TIME SHIPMENT: May 31, 2000

SUGGESTED REPLACEMENT: ECE-AxxNxxU Bi-Polar SU Series Radial Leaded Aluminum Electrolytic Capacitor

The Bi-Polar SU series radial lead aluminum electrolytic capacitor is the recommended replacement for the Bi-Polar S series. Generally the Bi-Polar SU series is a drop in replacement for the Bi-Polar S series but there may be some exceptions in can size, lead spacing, footprint and electrical properties depending on the capacitance and voltage values required. Please see the attached cross-reference listing for more details.

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

Please notify your customers of the change.

BP-S series replacement program to BP-SU series (last order : Mar./End/2000)

ECEAxxNxxxS → ECEAxxNxxxU (X)

If there are 2 items on BP-SU series replacement, First offer = first line item (smaller size) and if customer could not use smaller lead pit please offer 2nd line item (higher voltage with same lead space) shows deviation 1998/9/22

Bi polar - S							Bi polar - SU						
Part no.	Volt. V	Cap. uF	Size		Pitch mm	Ripple mA	Part no.	Volt. V	Cap. uF	Size		Pitch mm	Ripple mA
			Dmm	Lmm						Dmm	Lmm		
ECEA0JN330S	6.3	33	5	11	2.0	60	ECEA0JN330U	6.3	33	5	11	2.0	80
ECEA0JN470S	6.3	47	6.3	11.2	2.5	100	ECEA0JN470U	6.3	47	5	11	2.0	90
ECEA0JN101S	6.3	100	8	11.5	3.5	160	ECEA1CN470U	16	47	6.3	11.2	2.5	100
ECEA0JN221S	6.3	220	10	12.5	5.0	250	ECEA0JN101U	6.3	100	6.3	11.2	2.5	130
ECEA0JN331S	6.3	330	10	16	5.0	320	ECEA1CN101U	16	100	8	11.5	3.5	180
ECEA0JN471S	6.3	470	10	20	5.0	380	ECEA0JN221U	6.3	220	8	11.5	3.5	200
ECEA0JN102S	6.3	1000	12.5	25	5.0	530	ECEA1CN221X	16	220	10	12.5	5.0	260
ECEA1AN220S	10	22	5	11	2.0	60	ECEA0JN331U	6.3	330	8	11.5	3.5	250
ECEA1AN330S	10	33	6.3	11.2	2.5	80	ECEA1AN331U	10	330	10	16	5.0	280
ECEA1AN470S	10	47	6.3	11.2	2.5	100	ECEA0JN471X	6.3	470	10	12.5	5.0	310
ECEA1AN101S	10	100	10	12.5	5.0	160	ECEA0JN102U	6.3	1000	10	20	5.0	430
ECEA1AN221S	10	220	10	16	5.0	250	ECEA1AN220U	10	22	5	11	2.0	60
ECEA1AN331S	10	330	10	20	5.0	340	ECEA1AN330U	10	33	5	11	2.0	80
ECEA1AN471S	10	470	12.5	20	5.0	400	ECEA1EN330U	25	33	6.3	11.2	2.5	90
ECEA1AN102S	10	1000	16	25	7.5	580	ECEA1AN470U	10	47	5	11	2.0	90
ECEA1CN100S	16	10	5	11	2.0	40	ECEA1CN470U	16	47	6.3	11.2	2.5	100
ECEA1CN220S	16	22	6.3	11.2	2.5	70	ECEA1EN101U	25	100	6.3	11.2	2.5	130
ECEA1CN330S	16	33	6.3	11.2	2.5	90	ECEA1EN101U	25	100	8	11.5	3.5	180
ECEA1CN470S	16	47	8	11.5	3.5	110	ECEA1AN221U	10	220	8	11.5	3.5	200
ECEA1CN101S	16	100	10	12.5	5.0	200	ECEA1CN221X	16	220	10	12.5	5.0	260
ECEA1CN221S	16	220	10	20	5.0	320	ECEA1AN331U	10	330	10	16	5.0	280
ECEA1CN331S	16	330	12.5	20	5.0	405	ECEA1AN471U	10	470	10	16	5.0	340
ECEA1CN471S	16	470	12.5	25	5.0	480	ECEA1AN102X	10	1000	12.5	20	5.0	470
ECEA1CN102S	16	1000	16	25	7.5	700	ECEA1EN102U	25	1000	16	25	7.5	680
ECEA1EN4R7S	25	4.7	5	11	2.0	25	ECEA1CN100U	16	10	5	11	2.0	40
ECEA1EN100S	25	10	5	11	2.0	45	ECEA1CN220U	16	22	5	11	2.0	60
ECEA1EN220S	25	22	6.3	11.2	2.5	80	ECEA1VN220U	35	22	6.3	11.2	2.5	80
ECEA1EN330S	25	33	8	11.5	3.5	110	ECEA1CN330U	16	33	5	11	2.0	70
ECEA1EN470S	25	47	10	12.5	5.0	140	ECEA1EN330U	25	33	6.3	11.2	2.5	90
ECEA1EN101S	25	100	10	16	5.0	230	ECEA1VN330U	35	33	8	11.5	3.5	100
ECEA1EN221S	25	220	12.5	25	5.0	400	ECEA1EN470U	25	47	6.3	11.2	2.5	110
ECEA1HNR47S	50	0.47	5	11	2.0	10	ECEA1HN470U	50	47	10	12.5	5.0	140
ECEA1HN010S	50	1	5	11	2.0	10	ECEA1EN101U	25	100	8	11.5	3.5	180
ECEA1HN2R2S	50	2.2	5	11	2.0	18	ECEA1VN101U	35	100	10	16	5.0	230
ECEA1HN3R3S	50	3.3	5	11	2.0	25	ECEA1EN221U	25	220	10	16	5.0	320
ECEA1HN4R7S	50	4.7	6.3	11.2	2.5	35	ECEA1HNR47U	50	0.47	5	11	2.0	10
ECEA1HN100S	50	10	8	11.5	3.5	60	ECEA1HN010U	50	1	5	11	2.0	10
ECEA1HN220S	50	22	10	12.5	5.0	100	ECEA1HN2R2U	50	2.2	5	11	2.0	18
ECEA1HN330S	50	33	10	16	5.0	140	ECEA1HN3R3U	50	3.3	5	11	2.0	25
ECEA1HN470S	50	47	10	20	5.0	180	ECEA1HN4R7U	50	4.7	5	11	2.0	30
ECEA1HN101S	50	100	12.5	25	5.0	320	ECEA1HN100U	50	10	6.3	11.2	2.5	50
							ECEA1HN220U	50	22	8	11.5	3.5	90
							ECEA1HN330U	50	33	8	11.5	3.5	110
							ECEA1HN470U	50	47	10	12.5	5.0	140
							ECEA1HN101U	50	100	10	20	5.0	250