

Surface mount aluminium electrolytic capacitors giving an excellent operational specification within a small package. The VE capacitors offer long life with an endurance test of 2000 hours at 85°C and are available in a wide range of values and voltages, which are listed on the opposite page. Supplied taped and reeled.

Standard range

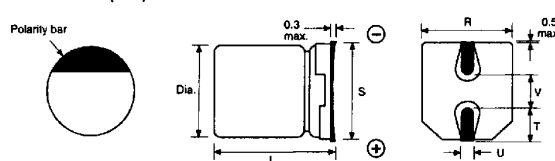
- Endurance 2000 hours at 85°C
- Excellent performance/size characteristics
- Suitable for wave & reflow soldering
- Capacitance tolerance $\pm 20\%$
- Leakage Current $\leq 0.01CV$
- Supplied taped & reeled



Specification

Endurance test 2000 hours at 85°C
 Capacitance tolerance $\pm 20\%$ at 120Hz, 20°C
 Ripple current (as listed) measured at 120Hz, 85°C
 Operating temperature range -40°C to +85°C
 Leakage current $\leq 0.01CV$ or $3\mu A$
 (whichever is greater) after 2 min.

Dimensions (mm)



Tan δ (max) at 120Hz, 20°C

Rated voltage	4V	6.3V	10V	16V	25V	35V	50V	d.c.
All case sizes	0.35	0.26	0.20	0.16	0.14	0.12	0.12	d.c.

Case Size	Dia.	L	R	S	T	U	V
4.0 x 5.3	4.0	5.3 $\pm$ 0.2	4.3	5.5 max.	1.8	0.65	1.0
5.0 x 5.3	5.0	5.3 $\pm$ 0.2	5.3	6.5 max.	2.1	0.65	1.3
6.3 x 5.3	6.3	5.3 $\pm$ 0.2	6.6	7.8 max.	2.4	0.65	2.2
6.3 x 7.7	6.3	7.7 $\pm$ 0.3	6.6	7.8 max.	2.4	0.65	2.2
8.0 x 10.0	8.0	10.0 $\pm$ 0.5	8.4	10.0 max.	3.3	0.9	3.1
10.0 x 10.0	10.0	10.0 $\pm$ 0.5	10.4	13.0 max.	3.3	0.9	4.5

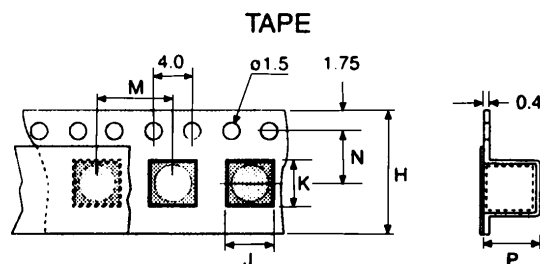
Packaging

Case Size	H	J	K	M	N	P
4.0 x 5.3	12.0	6.0	5.0	8.0	5.5	6.8
5.0 x 5.3	12.0	6.0	6.0	12.0	5.5	6.8
6.3 x 5.3	16.0	7.0	7.0	12.0	7.5	6.8
6.3 x 7.7	16.0	7.0	7.0	12.0	7.5	8.4
8.0 x 10.0	24.0	8.7	8.7	16.0	11.5	11.0
10.0 x 10.0	24.0	10.7	10.7	16.0	11.5	11.0

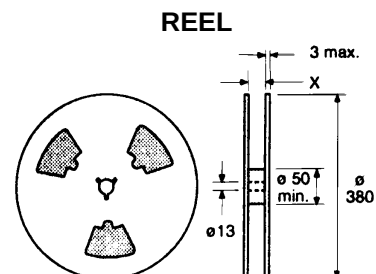
TAPE

Case Size	X	Reel Qty.
4.0 x 5.3	14	2000pcs
5.0 x 5.3	14	1000pcs
6.3 x 5.3	18	1000pcs
6.3 x 7.7	18	900pcs
8.0 x 10.0	26	500pcs
10.0 x 10.0	26	500pcs

REEL



TAPE



REEL

Marking

Printed on top surface of case, except case sizes 8.0 x 10.0 and 10.0 x 10.0 which are printed on case sleeve around the body.
 Capacitance value, Voltage, Bar to indicate negative terminal

Value	Ripple Current	Case Size	KOME	Order	SPLT
(μ F)	(mA)	Dia x L	Part no.	code	pcs

4 Volt

33	26	4.0 x 5.3	KVE0G330MF1R	KVG330	2000
47	34	4.0 x 5.3	KVE0G470MF1R	KVG470	2000
100	61	5.0 x 5.3	KVE0G101MF2R	KVG101	1000
220	95	6.3 x 5.3	KVE0G221MF3R	KVG221	1000
330	102	6.3 x 7.7	KVE0G331MMR	KVG331	900
470	150	6.3 x 7.7	KVE0G471MMR	KVG471	900

6.3Volt

22	31	4.0 x 5.3	KVE0J220MF1R	KVJ220	2000
33	39	5.0 x 5.3	KVE0J330MF2R	KVJ330	1000
47	47	5.0 x 5.3	KVE0J470MF2R	KVJ470	1000
100	71	6.3 x 5.3	KVE0J101MF3R	KVJ101	1000
220	95	6.3 x 7.7	KVE0J221MMR	KVJ221	900
330	150	6.3 x 7.7	KVE0J331MMR	KVJ331	900
470	300	8.0 x 10.0	KVE0J471MF4R	KVJ471	500
1000	330	10.0 x 10.0	KVE0J102MF5R	KVJ102	500

10 Volt

22	35	5.0 x 5.3	KVE1A220MF2R	KVA220	1000
33	43	5.0 x 5.3	KVE1A330MF2R	KVA330	1000
47	59	6.3 x 5.3	KVE1A470MF3R	KVA470	1000
100	76	6.3 x 5.3	KVE1A101MF3R	KVA101	1000
220	150	6.3 x 7.7	KVE1A221MMR	KVA221	900
330	280	8.0 x 10.0	KVE1A331MF4R	KVA331	500
470	300	8.0 x 10.0	KVE1A471MF4R	KVA471	500

16 Volt

10	25	4.0 x 5.3	KVE1C100MF1R	KVC100	2000
22	39	5.0 x 5.3	KVE1C220MF2R	KVC220	1000
33	57	6.3 x 5.3	KVE1C330MF3R	KVC330	1000
47	68	6.3 x 5.3	KVE1C470MF3R	KVC470	1000
100	86	6.3 x 5.3	KVE1C101MF3R	KVC101	1000
220	150	6.3 x 7.7	KVE1C221MMR	KVC221	900
330	280	8.0 x 10.0	KVE1C331MF4R	KVC331	500
470	330	10.0 x 10.0	KVE1C471MF5R	KVC471	500

25 Volt

4.7	19	4.0 x 5.3	KVE1E4R7MF1R	KVE4R7	2000
10	26	5.0 x 5.3	KVE1E100MF2R	KVE100	1000
22	52	6.3 x 5.3	KVE1E220MF3R	KVE220	1000
33	63	6.3 x 5.3	KVE1E330MF3R	KVE330	1000
47	68	6.3 x 5.3	KVE1E470MF3R	KVE470	1000
100	130	6.3 x 7.7	KVE1E101MMR	KVE101	900
220	250	8.0 x 10.0	KVE1E221MF4R	KVE221	500
330	310	10.0 x 10.0	KVE1E331MF4R	KVE331	500

35 Volt

4.7	20	4.0 x 5.3	KVE1V4R7MF1R	KVX4R7	2000
10	30	5.0 x 5.3	KVE1V100MF2R	KVX100	1000
22	54	6.3 x 5.3	KVE1V220MF3R	KVX220	1000
33	60	6.3 x 5.3	KVE1V330MF3R	KVX330	1000
47	70	6.3 x 5.3	KVE1V470MF3R	KVX470	1000
100	120	6.3 x 7.7	KVE1V101MMR	KVX101	900
220	270	10.0 x 10.0	KVE1V221MF5R	KVX221	500

50 Volt

0.10	1.0	4.0 x 5.3	KVE1H0R1MF1R	KVH0R1	2000
0.22	2.3	4.0 x 5.3	KVE1HR22MF1R	KVHR22	2000
0.33	3.5	4.0 x 5.3	KVE1HR33MF1R	KVHR33	2000
0.47	5.0	4.0 x 5.3	KVE1HR47MF1R	KVHR47	2000
1.0	10	4.0 x 5.3	KVE1H1R0MF1R	KVH1R0	2000
2.2	15	4.0 x 5.3	KVE1H2R2MF1R	KVH2R2	2000
3.3	18	4.0 x 5.3	KVE1H3R3MF1R	KVH3R3	2000
4.7	23	5.0 x 5.3	KVE1H4R7MF2R	KVH4R7	1000
10	34	6.3 x 5.3	KVE1H100MF3R	KVH100	1000
22	45	6.3 x 5.3	KVE1H220MF3R	KVH220	1000
33	85	6.3 x 7.7	KVE1H330MMR	KVH330	900
47	90	6.3 x 7.7	KVE1H470MMR	KVH470	900
100	200	8.0 x 10.0	KVE1H101MF4R	KVH101	500