

LELON SMD Aluminum Electrolytic Capacitors



RoHS Compliant This product is RoHS compliant.

VE 85°C SMD SERIES

Specifications:

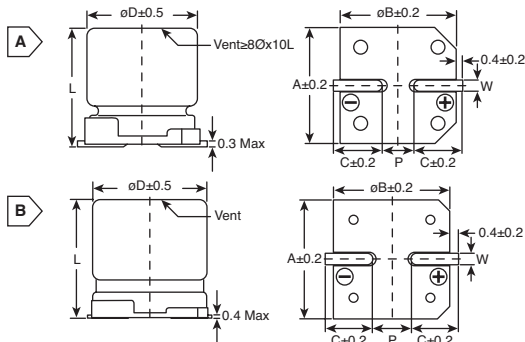
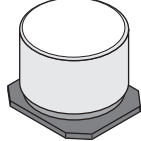
- Operating Temperature Range: -40°C to +85°C
- Voltage Range: 4V ~ 100V
- Capacitance Tolerance: ±20% @ 120Hz, 20°C
- Endurance: 2000 hours @ 85°C

Features:

- Designed for surface mounting on high density PC board
- V-Chip type large capacitance capacitors

Application Note:

- A higher voltage capacitor may be used in a lower voltage application
- Parts are available on reels



DIMENSIONS: mm							
ØD	L	A	B	C	W	P±0.2	Fig.
3	5.3±0.2	3.3	3.3	1.5	0.45 ~ 0.75	0.8	A
4	5.3±0.2	4.3	4.3	2.0	0.5 ~ 0.8	1.0	A
5	5.3±0.2	5.3	5.3	2.3	0.5 ~ 0.8	1.5	A
6.3	5.3±0.2	6.6	6.6	2.7	0.5 ~ 0.8	2.0	A
6.3	7.7±0.3	6.6	6.6	2.7	0.5 ~ 0.8	2.0	A
8	10±0.5	8.4	8.4	3.0	0.7 ~ 1.1	3.1	A
8	10.3±0.5	8.4	8.4	3.0	0.7 ~ 1.1	3.1	A
10	10±0.5	10.4	10.4	3.3	0.7 ~ 1.1	4.7	A
10	10.3±0.5	10.4	10.4	3.3	0.7 ~ 1.1	4.7	A
12.5	13.5±0.5	13.0	13.0	4.8	1.1 ~ 1.4	4.4	B
12.5	16±0.5	13.0	13.0	4.8	1.1 ~ 1.4	4.4	B
16	16.5±0.5	17.0	17.0	5.8	1.1 ~ 1.4	6.4	B

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Lelon Part No.	Fig.	Value (µF)	Case Size (DxL mm)	Ripple Current	Price Each		
						1	100	500
4 Volts								
140-VE220M0GTR0305	VE-220M0GTR-0305	A	22	3 x 5.3	14	.21	.137	.099
140-VE330M0GTR0405	VE-330M0GTR-0405	A	33	4 x 5.3	31	.12	.087	.062
140-VE470M0GTR0405	VE-470M0GTR-0405	A	47	4 x 5.3	34	.12	.087	.062
140-VE680M0GTR0505	VE-680M0GTR-0505	A	68	5 x 5.3	58	.15	.10	.075
140-VE101M0GTR0505	VE-101M0GTR-0505	A	100	5 x 5.3	58	.99	.60	.49
140-VE221M0GTR0605	VE-221M0GTR-0605	A	220	6.3 x 5.3	89	.17	.112	.087
140-VE221M0GTR0607	VE-221M0GTR-0607	A	220	6.3 x 7.7	124	.18	.125	.10
140-VE331M0GTR0607	VE-331M0GTR-0607	A	330	6.3 x 7.7	124	.18	.125	.10
140-VE471M0GTR0810	VE-471M0GTR-0810	A	470	8 x 10	252	.35	.237	.175

MOUSER STOCK NO.	Lelon Part No.	Fig.	Value (µF)	Case Size (DxL mm)	Ripple Current	Price Each		
						1	100	500
6.3 Volts								
140-VE100M0JTR0305	VE-100M0JTR-0305	A	10	3 x 5.3	16	.18	.149	.099
140-VE220M0JTR0405	VE-220M0JTR-0405	A	22	4 x 5.3	26	.11	.087	.062
140-VE330M0JTR0405	VE-330M0JTR-0405	A	33	4 x 5.3	31	.11	.087	.062
140-VE470M0JTR0405	VE-470M0JTR-0405	A	47	4 x 5.3	37	.11	.087	.062
140-VE70M0JTR0505	VE-70M0JTR-0505	A	47	5 x 5.3	50	.13	.10	.075
140-VE680M0JTR0505	VE-680M0JTR-0505	A	68	5 x 5.3	58	.13	.10	.075
140-VE101M0JTR0605	VE-101M0JTR-0605	A	100	6.3 x 5.3	89	.15	.112	.087
140-VE221M0JTR0605	VE-221M0JTR-0605	A	220	6.3 x 5.3	89	.16	.125	.087
140-VE221M0JTR0607	VE-221M0JTR-0607	A	220	6.3 x 7.7	124	.17	.137	.10
140-VE331M0JTR0607	VE-331M0JTR-0607	A	330	6.3 x 7.7	124	.18	.137	.10
140-VE471M0JTR0810	VE-471M0JTR-0810	A	470	8 x 10	290	.32	.25	.175
140-VE102M0JTR1010	VE-102M0JTR-1010	A	1000	10 x 10	430	.37	.28	.20
140-VE222M0JTR1313	VE-222M0JTR-1313	B	2200	12.5 x 13.5	890	.92	.70	.50
140-VE332M0JTR1316	VE-332M0JTR-1316	B	3300	12.5 x 16	1000	.97	.737	.525
140-VE472M0JTR1616	VE-472M0JTR-1616	B	4700	16 x 16.5	1400	1.47	1.12	.799

MOUSER STOCK NO.	Lelon Part No.	Fig.	Value (µF)	Case Size (DxL mm)	Ripple Current	Price Each		
						1	100	500
10 Volts								
140-VE4R7M1ATR0305	VE-4R7M1ATR-0305	A	4.7	3 x 5.3	14	.21	.137	.099
140-VE100M1ATR0405	VE-100M1ATR-0405	A	10	4 x 5.3	26	.12	.087	.062
140-VE220M1ATR0505	VE-220M1ATR-0505	A	22	5 x 5.3	44	.15	.10	.075
140-VE330M1ATR0405	VE-330M1ATR-0405	A	33	4 x 5.3	31	.12	.087	.062
140-VE330M1ATR0505	VE-330M1ATR-0505	A	33	5 x 5.3	55	.15	.10	.075
140-VE470M1ATR0605	VE-470M1ATR-0605	A	47	6.3 x 5.3	75	.17	.112	.087
140-VE680M1ATR0505	VE-680M1ATR-0505	A	68	5 x 5.3	58	.15	.10	.075
140-VE680M1ATR0605	VE-680M1ATR-0605	A	68	6.3 x 5.3	89	.17	.112	.087
140-VE101M1ATR0605	VE-101M1ATR-0605	A	100	6.3 x 5.3	89	.17	.112	.087
140-VE221M1ATR0607	VE-221M1ATR-0607	A	220	6.3 x 7.7	124	.18	.125	.10
140-VE221M1ATR0810	VE-221M1ATR-0810	A	220	8 x 10	270	.35	.237	.175
140-VE331M1ATR0810	VE-331M1ATR-0810	A	330	8 x 10	290	.35	.237	.175
140-VE471M1ATR1010	VE-471M1ATR-1010	A	470	10 x 10	400	.50	.337	.25
140-VE102M1ATR1010	VE-102M1ATR-1010	A	1000	10 x 10	430	.50	.337	.25
140-VE222M1ATR1313	VE-222M1ATR-1313	B	2200	12.5 x 13.5	890	1.03	.687	.512
140-VE332M1ATR1616	VE-332M1ATR-1616	B	3300	16 x 16.5	1300	1.58	1.06	.799
140-VE472M1ATR1616	VE-472M1ATR-1616	B	4700	16 x 16.5	1400	1.70	1.13	.85

MOUSER STOCK NO.	Lelon Part No.	Fig.	Value (µF)	Case Size (DxL mm)	Ripple Current	Price Each		
						1	100	500
16 Volts								
140-VE4R7M1CTR0305	VE-4R7M1CTR-0305	A	4.7	3 x 5.3	14	.21	.137	.099
140-VE100M1CTR0405	VE-100M1CTR-0405	A	10	4 x 5.3	26	.12	.087	.062
140-VE220M1CTR0405	VE-220M1CTR-0405	A	22	4 x 5.3	30	.12	.087	.062
140-VE220M1CTR0505	VE-220M1CTR-0505	A	22	5 x 5.3	44	.15	.10	.075
140-VE330M1CTR0505	VE-330M1CTR-0505	A	33	5 x 5.3	55	.15	.10	.075
140-VE470M1CTR0505	VE-470M1CTR-0505	A	47	5 x 5.3	55	.15	.10	.075
140-VE470M1CTR0605	VE-470M1CTR-0605	A	47	6.3 x 5.3	75	.17	.112	.087
140-VE680M1CTR0605	VE-680M1CTR-0605	A	68	6.3 x 5.3	89	.17	.112	.087
140-VE101M1CTR0605	VE-101M1CTR-0605	A	100	6.3 x 5.3	89	.17	.112	.087
140-VE221M1CTR0607	VE-221M1CTR-0607	A	220	6.3 x 7.7	109	.20	.137	.10
140-VE221M1CTR0810	VE-221M1CTR-0810	A	220	8 x 10	270	.35	.237	.175
140-VE331M1CTR0810	VE-331M1CTR-0810	A	330	8 x 10	290	.37	.25	.187
140-VE471M1CTR1010	VE-471M1CTR-1010	A	470	10 x 10	400	.50	.337	.25
140-VE102M1CTR1313	VE-102M1CTR-1313	B	1000	12.5 x 13.5	750	.97	.65	.487
140-VE222M1CTR1616	VE-222M1CTR-1616	B	2200	16 x 16.5	1100	.84	.583	.449
140-VE332M1CTR1616	VE-332M1CTR-1616	B	3300	16 x 16.5	1300	1.75	1.17	.875

MOUSER STOCK NO.	Lelon Part No.	Fig.	Value (µF)	Case Size (DxL mm)	Ripple Current	Price Each		
						1	100	500
25 Volts								
140-VE3R3M1ETR0305	VE-3R3M1ETR-0305	A	3.3	3 x 5.3	14	.21	.137	.099
140-VE4R7M1ETR0405	VE-4R7M1ETR-0405	A	4.7	4 x 5.3	26	.12	.087	.062
140-VE100M1ETR0505	VE-100M1ETR-0505	A	10	5 x 5.3	44	.15	.10	.075
140-VE220M1ETR0505	VE-220M1ETR-0505	A	22	5 x 5.3	47	.15	.10	.075
140-VE330M1ETR0505	VE-330M1ETR-0505	A	33	5 x 5.3	55	.15	.10	.075
140-VE330M1ETR0605	VE-330M1ETR-0605	A	33	6.3 x 5.3	67	.17	.112	.087

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MOUSER STOCK NO.	Lelon Part No.	Fig.	Value (µF)	Case Size (DxL mm)	Ripple Current	Price Each		
						1	100	500
25 Volts (Cont.)								
140-VE470M1ETR0605	VE-470M1ETR-0605	A	47	6.3 x 5.3	75	.17	.112	.087
140-VE680M1ETR0607	VE-680M1ETR-0607	A	68	6.3 x 7.7	109	.18	.125	.10
140-VE101M1ETR0607	VE-101M1ETR-0607	A	100	6.3 x 7.7	109	.99	.60	.49
140-VE221M1ETR0810	VE-221M1ETR-0810	A	220	8 x 10	270	.37	.25	.187
140-VE331M1ETR1010	VE-331M1ETR-1010	A	330	10 x 10	400	.51	.349	.262
140-VE471M1ETR1010	VE-471M1ETR-1010	A	470	10 x 10	400	.55	.375	.275
140-VE102M1ETR1313	VE-102M1ETR-1313	B	1000	12.5 x 13.5	750	1.04	.699	.524
140-VE222M1ETR1616	VE-222M1ETR-1616	B	2200	16 x 16.5	1100	1.73	1.16	.875

MOUSER STOCK NO.	Lelon Part No.	Fig.	Value (µF)	Case Size (DxL mm)	Ripple Current	Price Each		
						1	100	500
35 Volts								
140-VE3R3M1VTR0305	VE-3R3M1VTR-0305	A	3.3	3 x 5.3	14	.21	.137	.099
140-VE4R7M1VTR0405	VE-4R7M1VTR-0405	A	4.7	4 x 5.3	26	.12	.087	.062
140-VE100M1VTR0505	VE-100M1VTR-0505	A	10	5 x 5.3	44	.15	.10	.075
140-VE220M1VTR0505	VE-220M1VTR-0505	A	22	5 x 5.3	47	.15	.10	.075
140-VE220M1VTR0605	VE-220M1VTR-0605	A	22	6.3 x 5.3	59	.17	.112	.087
140-VE330M1VTR0605	VE-330M1VTR-0605	A	33	6.3 x 5.3	67	.17	.112	.087
140-VE470M1VTR0607	VE-470M1VTR-0607	A	47	6.3 x 7.7	98	.18	.125	.10
140-VE680M1VTR0607	VE-680M1VTR-0607	A	68	6.3 x 7.7	109	.20	.137	.10
140-VE101M1VTR0810	VE-101M1VTR-0810	A	100	8 x 10	252	.36	.237	.175
140-VE221M1VTR0810	VE-221M1VTR-0810	A	220	8 x 10	270	.41	.274	.212
140-VE221M1VTR1010	VE-221M1VTR-1010	A	220	10 x 10	370	.51	.337	.25
140-VE331M1VTR1010	VE-331M1VTR-1010	A	330	10 x 10.3	400	.84	.583	.449
140-VE471M1VTR1313	VE-471M1VTR-1313	B	470	12.5 x 13.5	750	1.01	.687	.512
140-VE102M1VTR1616	VE-102M1VTR-1616	B	1000	16 x 16.5	1100	1.60	1.07	.80

MOUSER STOCK NO.	Lelon Part No.	Fig.	Value (µF)	Case Size (DxL mm)	Ripple Current	Price Each		
						1	100	500
50 Volts								
140-VE0R1M1HTR0405	VE-0R1M1HTR-0405	A	0.1	4 x 5.3	3	.12	.087	.062
140-VE2R2M1HTR0405	VE-2R2M1HTR-0405	A	0.22	4 x 5.3	5	.12	.087	.062
140-VE3R3M1HTR0405	VE-R33M1HTR-0405	A	0.33	4 x 5.3	6	.		