

LELON SMD Aluminum Electrolytic Capacitors

RoHS Compliant This product is RoHS compliant.



VZH 105°C ULTRA LOW IMPEDANCE SERIES

Specifications:

- Operating Temperature Range: 6.3 ~ 63V: -55°C to +105°C
80 ~ 100V: -40°C to +105°C
- Voltage Range: 6.3V ~ 100V
- Capacitance Tolerance: ±20% @120Hz, 20°C
- Endurance: 2000 to 5000 hours @ 105°C
- Leakage Current: 0.01CV or 3µA whichever is greater after 2 minutes of rated voltage, at 20°C

Features:

- Designed for surface mounting on high density PC board
- Ultra Low Impedance
- Large capacitance V-Chip Capacitor

Application Note:

- A higher voltage capacitor may be used in a lower voltage application
- Parts Available on Reels



RoHS Compliant

For quantities greater than listed, call for quote.

Lead Spacing and Diameter

Unit:mm

øD	L	A	B	C	W	Ps±0.2	Fig. No.
4	5.7±0.3	4.3	4.3	2.0	0.5~0.8	1.0	1
5	5.7±0.3	5.3	5.3	2.3	0.5~0.8	1.5	1
6.3	5.7±0.3	6.6	6.6	2.7	0.5~0.8	2.0	1
6.3	7.7±0.3	6.6	6.6	2.7	0.5~0.8	3.1	1
8	10±0.5	8.4	8.4	3.0	0.7~1.1	3.1	1
8	10.3±0.5	8.4	8.4	3.0	0.7~1.1	4.7	1
10	10±0.5	10.4	10.4	3.3	0.7~1.1	4.7	1
10	10.3±0.5	10.4	10.4	3.3	0.7~1.1	4.7	1
12.5	13.5±0.5	13.0	13.0	4.8	1.1~1.4	4.4	2
12.5	16±0.5	13.0	13.0	4.8	1.1~1.4	4.4	2
16	16.5±0.5	17.0	17.0	5.8	1.1~1.4	6.4	2

Lelon Aluminum Caps, SMD

MOUSER STOCK NO.	Lelon Part No.	Value (µF)	Case Size (DxL mm)	Impedance (Ω) 100KHz, 20°C	Ripple (mA/rms)	Price Each		
						1	100	500
6.3 Volts								
140-VZH220M0JTR0406	VZH-220M0JTR-0406	22	4 x 5.7	1.35	80	.28	.188	.162
140-VZH330M0JTR0406	VZH-330M0JTR-0406	33	4 x 5.7	1.35	80	.28	.188	.162
140-VZH470M0JTR0506	VZH-470M0JTR-0506	47	5 x 5.7	.80	150	.32	.212	.187
140-VZH101M0JTR0606	VZH-101M0JTR-0606	100	6.3 x 5.7	.44	230	.37	.25	.212
140-VZH151M0JTR0606	VZH-151M0JTR-0606	150	6.3 x 5.7	.44	230	.37	.25	.212
140-VZH221M0JTR0607	VZH-221M0JTR-0607	220	6.3 x 7.7	.36	280	.39	.274	.237
140-VZH331M0JTR0810	VZH-331M0JTR-0810	330	8 x 10	.17	450	.72	.487	.425
140-VZH471M0JTR0810	VZH-471M0JTR-0810	470	8 x 10	.17	450	.76	.512	.449
140-VZH681M0JTR0810	VZH-681M0JTR-0810	680	8 x 10.3	.17	450	.80	.537	.462
140-VZH102M0JTR0810	VZH-102M0JTR-0810	1000	8 x 10.3	.17	450	.84	.562	.499
140-VZH152M0JTR1010	VZH-152M0JTR-1010	1500	10 x 10.3	.09	670	1.15	.762	.675
140-VZH222M0JTR1313	VZH-222M0JTR-1313	2200	12.5 x 13.5	.07	820	2.06	1.37	1.20
140-VZH332M0JTR1316	VZH-332M0JTR-1316	3300	12.5 x 16	.06	950	2.24	1.49	1.31
140-VZH472M0JTR1616	VZH-472M0JTR-1616	4700	16 x 16.5	.054	1260	3.26	2.17	1.90
10 Volts								
140-VZH220M1ATR0406	VZH-220M1ATR-0406	22	4 x 5.7	1.35	80	.21	.162	.087
140-VZH330M1ATR0506	VZH-330M1ATR-0506	33	5 x 5.7	.8	150	.23	.187	.099
140-VZH470M1ATR0606	VZH-470M1ATR-0606	47	6.3 x 5.7	.44	230	.27	.225	.112
140-VZH101M1ATR0606	VZH-101M1ATR-0606	100	6.3 x 5.7	.44	230	.27	.225	.112
140-VZH151M1ATR0606	VZH-151M1ATR-0606	150	6.3 x 5.7	.44	230	.28	.225	.112
140-VZH221M1ATR0607	VZH-221M1ATR-0607	220	6.3 x 7.7	.36	280	.29	.237	.112
140-VZH331M1ATR0810	VZH-331M1ATR-0810	330	8 x 10	.17	450	.53	.437	.212
140-VZH471M1ATR0810	VZH-471M1ATR-0810	470	8 x 10	.17	450	.56	.449	.224
140-VZH681M1ATR1010	VZH-681M1ATR-1010	680	10 x 10	.09	670	.76	.612	.30
140-VZH102M1ATR1010	VZH-102M1ATR-1010	1000	10 x 10	.09	670	.95	.73	.63
140-VZH152M1ATR1313	VZH-152M1ATR-1313	1500	12.5 x 13.5	.07	820	1.51	1.21	.999
140-VZH222M1ATR1316	VZH-222M1ATR-1316	2200	12.5 x 16	.06	950	.95	.73	.63
140-VZH332M1ATR1616	VZH-332M1ATR-1616	3300	16 x 16.5	.054	1260	2.38	1.91	.95
140-VZH472M1ATR1616	VZH-472M1ATR-1616	4700	16 x 16.5	.054	1260	2.62	2.10	1.95
16 Volts								
140-VZH100M1CTR0406	VZH-100M1CTR-0406	10	4 x 5.7	1.35	80	.21	.162	.087
140-VZH220M1CTR0506	VZH-220M1CTR-0506	22	5 x 5.7	.80	150	.23	.187	.099
140-VZH330M1CTR0606	VZH-330M1CTR-0606	33	6.3 x 5.7	.44	230	.27	.225	.112
140-VZH470M1CTR0606	VZH-470M1CTR-0606	47	6.3 x 5.7	.44	230	.27	.225	.112
140-VZH101M1CTR0606	VZH-101M1CTR-0606	100	6.3 x 5.7	.44	230	.28	.224	.112
140-VZH151M1CTR0607	VZH-151M1CTR-0607	150	6.3 x 7.7	.36	280	.30	.237	.125
140-VZH221M1CTR0607	VZH-221M1CTR-0607	220	6.3 x 7.7	.36	280	.31	.249	.124
140-VZH331M1CTR0810	VZH-331M1CTR-0810	330	8 x 10	.17	450	.56	.449	.224
140-VZH471M1CTR0810	VZH-471M1CTR-0810	470	8 x 10	.17	450	.61	.487	.25
140-VZH471M1CTR1010	VZH-471M1CTR-1010	470	10 x 10	.09	670	.76	.612	.30
140-VZH681M1CTR1010	VZH-681M1CTR-1010	680	10 x 10.3	.09	670	.78	.637	.312
140-VZH102M1CTR1313	VZH-102M1CTR-1313	1000	12.5 x 13.5	.07	820	1.46	1.17	.587
140-VZH152M1CTR1316	VZH-152M1CTR-1316	1500	12.5 x 16	.06	950	1.63	1.31	.649
140-VZH222M1CTR1616	VZH-222M1CTR-1616	2200	16 x 16.5	.054	1260	2.28	1.83	.912
140-VZH332M1CTR1616	VZH-332M1CTR-1616	3300	16 x 16.5	.054	1260	2.68	2.15	1.07
25 Volts								
140-VZH100M1ETR0406	VZH-100M1ETR-0406	10	4 x 5.7	1.35	80	.23	.175	.137
140-VZH220M1ETR0506	VZH-220M1ETR-0506	22	5 x 5.7	.80	150	.27	.199	.162
140-VZH330M1ETR0606	VZH-330M1ETR-0606	33	6.3 x 5.7	.44	230	.31	.225	.187
140-VZH470M1ETR0606	VZH-470M1ETR-0606	47	6.3 x 5.7	.44	230	.31	.225	.187
140-VZH101M1ETR0607	VZH-101M1ETR-0607	100	6.3 x 7.7	.36	280	.33	.249	.199
140-VZH151M1ETR0810	VZH-151M1ETR-0810	150	8 x 10	.17	450	.61	.45	.375
140-VZH221M1ETR0810	VZH-221M1ETR-0810	220	8 x 10	.17	450	.63	.462	.387
140-VZH331M1ETR0810	VZH-331M1ETR-0810	330	8 x 10.3	.17	450	.71	.512	.424
140-VZH471M1ETR1010	VZH-471M1ETR-1010	470	10 x 10	.09	670	.93	.675	.562
140-VZH681M1ETR1313	VZH-681M1ETR-1313	680	12.5 x 13.5	.07	820	1.74	1.26	1.04
140-VZH102M1ETR1316	VZH-102M1ETR-1316	1000	12.5 x 16	.06	950	1.91	1.37	1.15
140-VZH152M1ETR1616	VZH-152M1ETR-1616	1500	16 x 16.5	.054	1260	2.81	2.02	1.68
140-VZH222M1ETR1616	VZH-222M1ETR-1616	2200	16 x 16.5	.054	1260	3.37	2.42	2.02
35 Volts								
140-VZH4R7M1VTR0406	VZH-4R7M1VTR-0406	4.7	4 x 5.7	1.35	80	.21	.162	.087
140-VZH100M1VTR0506	VZH-100M1VTR-0506	10	5 x 5.7	.80	150	.23	.187	.099
140-VZH220M1VTR0606	VZH-220M1VTR-0606	22	6.3 x 5.7	.44	230	.27	.225	.112
140-VZH330M1VTR0606	VZH-330M1VTR-0606	33	6.3 x 5.7	.44	230	.28	.225	.125
140-VZH470M1VTR0606	VZH-470M1VTR-0606	47	6.3 x 5.7	.44	230	.28	.225	.125
140-VZH101M1VTR0810	VZH-101M1VTR-0810	100	8 x 10	.17	450	.56	.449	.237
140-VZH151M1VTR0810	VZH-151M1VTR-0810	150	8 x 10	.17	450	.58	.462	.249
140-VZH221M1VTR1010	VZH-221M1VTR-1010	220	10 x 10	.09	670	.78	.637	.337
140-VZH331M1VTR1313	VZH-331M1VTR-1313	330	12.5 x 13.5	.07	820	1.51	1.21	.637
140-VZH471M1VTR1316	VZH-471M1VTR-1316	470	12.5 x 16	.06	950	1.61	1.28	.675
140-VZH681M1VTR1316	VZH-681M1VTR-1316	680	12.5 x 16	.06	950	1.76	1.41	.737
140-VZH102M1VTR1616	VZH-102M1VTR-1616	1000	16 x 16.5	.054	1260	2.56	2.05	1.07

