

# LELON SMD Aluminum Electrolytic Capacitors



RoHS Compliant This product is RoHS compliant.

## VZS 105°C SMD SERIES

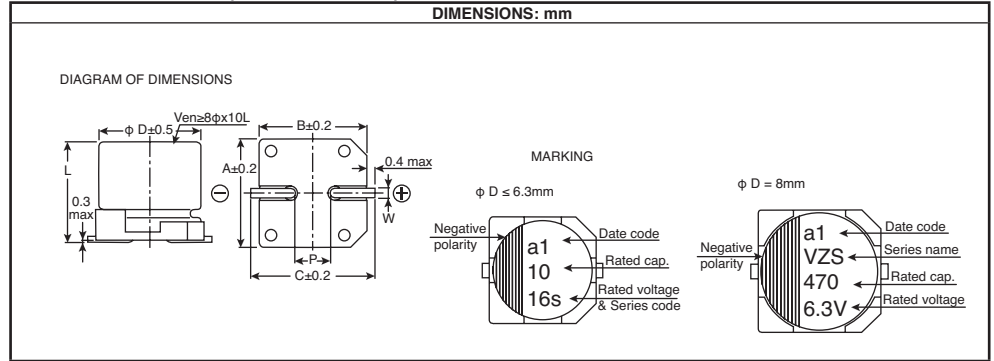
- Specifications:**
- Operating Temperature Range: 55°C to 105°C
  - Voltage Range: 6.3V ~ 35V



RoHS Compliant

- Features:**
- 5 ~ 8φ, 105°C, 2,000 hours assured
  - Low impedance 30 ~ 50% less than VZH series
  - Large capacitance with ultra low impedance capacitors
  - Designed for surface mounting on high density PC board
  - RoHS Compliance

Lead Spacing and Diameter						
φD	L	A	B	C	W	P ± 0.2
5	5.7 ± 0.3	5.3	5.3	6.1	0.5 ~ 0.8	1.5
6.3	5.7 ± 0.3	6.6	6.6	7.4	0.5 ~ 0.8	2.0
8	10 ± 0.5	8.4	8.4	9.2	0.7 ~ 1.1	3.1



For quantities greater than listed, call for quote.

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MOUSER STOCK NO.	Lelon Part No.	Value (μF)	Case Size	Impedance (Ω) 100KHz, 20°C	Price Each		
					1	100	500
<b>6.3 Volts</b>							
140-VZS470M0JTR0506	VZS470M0JTR-0506	47	5 x 5.7	.36	.25	.18	.15
140-VZS101M0JTR0506	VZS101M0JTR-0506	100	5 x 5.7	.36	.24	.18	.15
140-VZS101M0JTR0606	VZS101M0JTR-0606	100	6.3 x 5.7	.26	.30	.22	.18
140-VZS151M0JTR0506	VZS151M0JTR-0506	150	5 x 5.7	.36	.25	.18	.15
140-VZS221M0JTR0606	VZS221M0JTR-0606	220	6.3 x 5.7	.26	.30	.22	.18
140-VZS331M0JTR0606	VZS331M0JTR-0606	330	6.3 x 5.7	.26	.31	.24	.19
140-VZS471M0JTR0810	VZS471M0JTR-0810	470	8 x 10	.08	.59	.44	.35
140-VZS681M0JTR0810	VZS681M0JTR-0810	680	8 x 10	.08	.60	.45	.36
<b>10 Volts</b>							
140-VZS330M1ATR0506	VZS330M1ATR-0506	33	5 x 5.7	.36	.25	.18	.15
140-VZS101M1ATR0506	VZS101M1ATR-0506	100	5 x 5.7	.36	.25	.18	.15
140-VZS151M1ATR0606	VZS151M1ATR-0606	150	6.3 x 5.7	.26	.30	.22	.18
140-VZS221M1ATR0606	VZS221M1ATR-0606	220	6.3 x 5.7	.26	.31	.24	.19
140-VZS331M1ATR0810	VZS331M1ATR-0810	330	8 x 10	.08	.60	.45	.36
140-VZS471M1ATR0810	VZS471M1ATR-0810	470	8 x 10	.08	.60	.45	.36
140-VZS681M1ATR0810	VZS681M1ATR-0810	680	8 x 10	.08	.64	.48	.38
<b>16 Volts</b>							
140-VZS220M1CTR0506	VZS220M1CTR-0506	22	5 x 5.7	.36	.25	.18	.15
140-VZS470M1CTR0506	VZS470M1CTR-0506	47	5 x 5.7	.36	.25	.18	.15
140-VZS470M1CTR0606	VZS470M1CTR-0606	47	6.3 x 5.7	.26	.29	.22	.18
140-VZS680M1CTR0506	VZS680M1CTR-0506	68	5 x 5.7	.36	.25	.19	.15
140-VZS680M1CTR0606	VZS680M1CTR-0606	68	6.3 x 5.7	.26	.31	.24	.19
140-VZS101M1CTR0606	VZS101M1CTR-0606	100	6.3 x 5.7	.26	.30	.22	.18
140-VZS151M1CTR0606	VZS151M1CTR-0606	150	6.3 x 5.7	.26	.30	.23	.18

MOUSER STOCK NO.	Lelon Part No.	Value (μF)	Case Size	Impedance (Ω) 100KHz, 20°C	Price Each		
					1	100	500
<b>16 Volts (Cont.)</b>							
140-VZS221M1CTR0810	VZS221M1CTR-0810	220	8 x 10	.08	.66	.49	.39
140-VZS331M1CTR0810	VZS331M1CTR-0810	330	8 x 10	.08	.59	.45	.36
140-VZS471M1CTR0810	VZS471M1CTR-0810	470	8 x 10	.08	.64	.48	.38
<b>25 Volts</b>							
140-VZS220M1ETR0506	VZS220M1ETR-0506	22	5 x 5.7	.36	.25	.19	.15
140-VZS330M1ETR0506	VZS330M1ETR-0506	33	5 x 5.7	.36	.25	.18	.15
140-VZS330M1ETR0606	VZS330M1ETR-0606	33	6.3 x 5.7	.26	.30	.22	.18
140-VZS470M1ETR0506	VZS470M1ETR-0506	47	5 x 5.7	.36	.25	.19	.15
140-VZS470M1ETR0606	VZS470M1ETR-0606	47	6.3 x 5.7	.26	.29	.22	.18
140-VZS680M1ETR0606	VZS680M1ETR-0606	68	6.3 x 5.7	.26	.30	.22	.18
140-VZS101M1ETR0606	VZS101M1ETR-0606	100	6.3 x 5.7	.26	.31	.24	.19
140-VZS151M1ETR0810	VZS151M1ETR-0810	150	8 x 10	.08	.59	.44	.36
140-VZS221M1ETR0810	VZS221M1ETR-0810	220	8 x 10	.08	.61	.45	.36
140-VZS331M1ETR0810	VZS331M1ETR-0810	330	8 x 10	.08	.65	.49	.39
<b>35 Volts</b>							
140-VZS220M1VTR0506	VZS220M1VTR-0506	22	5 x 5.7	.36	.25	.19	.15
140-VZS330M1VTR0506	VZS330M1VTR-0506	33	5 x 5.7	.36	.26	.20	.16
140-VZS330M1VTR0606	VZS330M1VTR-0606	33	6.3 x 5.7	.26	.30	.22	.18
140-VZS470M1VTR0606	VZS470M1VTR-0606	47	6.3 x 5.7	.26	.30	.23	.18
140-VZS680M1VTR0606	VZS680M1VTR-0606	68	6.3 x 5.7	.26	.32	.24	.19
140-VZS101M1VTR0810	VZS101M1VTR-0810	100	8 x 10	.08	.60	.45	.36
140-VZS151M1VTR0810	VZS151M1VTR-0810	150	8 x 10	.08	.62	.46	.37
140-VZS221M1VTR0810	VZS221M1VTR-0810	220	8 x 10	.08	.67	.51	.40

## VUA 125°C SMD SERIES

- Specifications:**
- Operating Temperature Range: 40°C to 125°C
  - Voltage Range: 10V ~ 35V
  - Capacitance Tolerance: ±20% @ 120Hz, 20°C

- Features:**
- 6.3 ~ 18φ, 125°C, 1,000 ~ 2,000 hours assured
  - Chip type high temperature range, for +125°C use
  - For automobile modules and other high temperature applications
  - RoHS Compliance



RoHS Compliant

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Lelon Part No.	Fig.	Value (μF)	Case Size	Ripple Current	Price Each		
						1	100	500
<b>10 Volts</b>								
140-VUA680M1ATR0606	VUA680M1ATR-0606	A	68	6.3 x 5.7	50	.33	.23	.16
140-VUA101M1ATR0806	VUA101M1ATR-0806	A	100	8 x 6.5	75	.56	.40	.27
140-VUA221M1ATR0810	VUA221M1ATR-0810	A	220	8 x 10	130	.69	.49	.33
140-VUA331M1ATR0810	VUA331M1ATR-0810	A	330	8 x 10	130	.70	.50	.33
140-VUA471M1ATR1313	VUA471M1ATR-1313	B	470	12.5 x 13.5	480	1.89	1.35	.91
140-VUA681M1ATR1316	VUA681M1ATR-1316	B	680	12.5 x 16	480	2.11	1.50	1.01
140-VUA102M1ATR1316	VUA102M1ATR-1316	B	1000	12.5 x 16	585	2.10	1.50	1.01
<b>16 Volts</b>								
140-VUA330M1CTR0606	VUA330M1CTR-0606	A	33	6.3 x 5.7	50	.36	.26	.17
140-VUA470M1CTR0607	VUA470M1CTR-0607	A	47	6.3 x 7.7	70	.39	.28	.19
140-VUA680M1CTR0806	VUA680M1CTR-0806	A	68	8 x 6.5	75	.57	.41	.27
140-VUA101M1CTR0806	VUA101M1CTR-0806	A	100	8 x 6.5	75	.59	.42	.29
140-VUA221M1CTR1010	VUA221M1CTR-1010	A	220	10 x 10	180	.94	.67	.45
140-VUA331M1CTR1313	VUA331M1CTR-1313	B	330	12.5 x 13.5	80	1.90	1.35	.91
140-VUA471M1CTR1313	VUA471M1CTR-1313	B	470	12.5 x 13.5	480	1.95	1.39	.94
140-VUA681M1CTR1616	VUA681M1CTR-1616	B	680	16 x 16.5	480	3.25	2.31	1.56
<b>25 Volts</b>								
140-VUA330M1ETR0606	VUA330M1ETR-0606	A	33	6.3 x 5.7	50	.37	.26	.18
140-VUA470M1ETR0607	VUA470M1ETR-0607	A	47	6.3 x 7.7	70	.40	.29	.19
140-VUA680M1ETR0806	VUA680M1ETR-0806	A	68	8 x 6.5	75	.60	.43	.29
140-VUA101M1ETR0810	VUA101M1ETR-0810	A	100	8 x 10	130	.71	.50	.34
140-VUA221M1ETR1010	VUA221M1ETR-1010	A	220	10 x 10	180	1.02	.73	.49
140-VUA331M1ETR1313	VUA331M1ETR-1313	B	330	12.5 x 13.5	480	1.99	1.42	.96
140-VUA471M1ETR1616	VUA471M1ETR-1616	B	470	16 x 16.5	480	3.31	2.36	1.59
<b>35 Volts</b>								
140-VUA220M1VTR0606	VUA220M1VTR-0606	A	22	6.3 x 5.7	50	.37	.27	.18
140-VUA330M1VTR0607	VUA330M1VTR-0607	A	33	6.3 x 7.7	70	.41	.29	.20
140-VUA470M1VTR0806	VUA470M1VTR-0806	A	47	8 x 6.5	75	.60	.43	.29
140-VUA680M1VTR0810	VUA680M1VTR-0810	A	68	8 x 10	130	.71	.51	.34
140-VUA101M1VTR1010	VUA101M1VTR-1010	A	100	10 x 10	180	.97	.69	.47
140-VUA221M1VTR1313	VUA221M1VTR-1313	B	220	12.5 x 13.5	357	2.00	1.43	.97
140-VUA331M1VTR1616	VUA331M1VTR-1616	B	330	16 x 16.5	650	3.36	2.39	1.62
140-VUA471M1VTR1616	VUA471M1VTR-1616	B	470	16 x 16.5	650	3.58	2.55	1.72

