

LELON Aluminum Electrolytic Capacitors



RoHS Compliant This product is RoHS compliant.

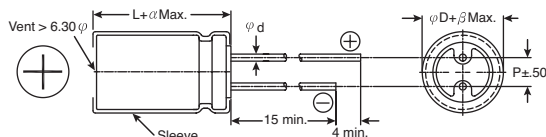
LELON RLA LOW LEAKAGE CURRENT SERIES

Electrical Specifications:

- Operating temperature range: -40°C to +85°C
- Capacitance tolerance: ±20% (@ 20°C, 120Hz)
- Endurance: 2000 hours @ 85°C
- DC Leakage current: I = 0.002CV or 0.4 (µA), whichever is greater

Application Note:

A higher voltage capacitor may be used in a lower voltage application.



RoHS Compliant

Lelon Aluminum Caps, Leaded

Dissipation Factor (Tan δ, at 20°C 120Hz)								
Rated Voltage	6.3	10	16	25	35	50	63	100
Tan δ (max.)	.25	.21	.16	.14	.12	.10	.09	.08

When the capacitance exceeds 1000 µF, .02 shall be added every 1000µF increase

Lead Spacing & Diameter	DIMENSIONS: mm						
	5	6.3	8	10	12.5	16	18
φD							
P	2.0	2.5	3.5	5.0			7.5
φd	0.5			0.6		0.8	
a	1.0			1.5			
B	0.5						

MOUSER STOCK NO.	Lelon Part No.	Value (µF)	Case Size DxL (mm) Max.	Price Each		
				1	100	500
10 Volt (13V Surge)						
140-RLA101M1ABK0511P	RLA101M1ABK-0511P	100	5x11	.30	.15	.125
140-RLA221M1ABK0611P	RLA221M1ABK-0611P	220	6.3x11	.42	.212	.175
140-RLA331M1ABK0811P	RLA331M1ABK-0811P	330	8x11	.41	.275	.225
140-RLA471M1ABK0811P	RLA471M1ABK-0811P	470	8x11	.48	.324	.274
140-RLA222M1ABK1320P	RLA222M1ABK-1320P	2200	13x20	1.27	.963	.80
16 Volt (20V Surge)						
140-RLA100M1CBK0511P	RLA100M1CBK-0511P	10	5x11	.27	.137	.112
140-RLA220M1CBK0511P	RLA220M1CBK-0511P	22	5x11	.25	.125	.10
140-RLA330M1CBK0511P	RLA330M1CBK-0511P	33	5x11	.25	.125	.10
140-RLA470M1CBK0511P	RLA470M1CBK-0511P	47	5x11	.30	.15	.125
140-RLA101M1CBK0611P	RLA101M1CBK-0611P	100	6.3x11	.42	.213	.175
140-RLA221M1CBK0811P	RLA221M1CBK-0811P	220	8x11	.43	.287	.237
140-RLA102M1CBK1020P	RLA102M1CBK-1020P	1000	10x20	.96	.65	.538
25 Volt (32V Surge)						
140-RLA101M1EBK0611P	RLA101M1EBK-0611P	100	6.3x11	.43	.225	.187
140-RLA221M1EBK0811P	RLA221M1EBK-0811P	220	8x11	.52	.35	.287

MOUSER STOCK NO.	Lelon Part No.	Value (µF)	Case Size DxL (mm) Max.	Price Each		
				1	100	500
35 Volt (44V Surge)						
140-RLA100M1VBK0511P	RLA100M1VBK-0511P	10	5x11	.27	.137	.112
140-RLA220M1VBK0511P	RLA220M1VBK-0511P	22	5x11	.30	.15	.125
140-RLA330M1VBK0511P	RLA330M1VBK-0511P	33	5x11	.35	.175	.137
140-RLA470M1VBK0611P	RLA470M1VBK-0611P	47	6.3x11	.42	.212	.175
140-RLA101M1VBK0811P	RLA101M1VBK-0811P	100	8x11	.43	.287	.25
140-RLA221M1VBK1012P	RLA221M1VBK-1012P	220	10x12	.72	.475	.40
50 Volt (63V Surge)						
140-RLA2R2M1HBK0511P	RLA2R2M1HBK-0511P	2.2	5x11	.27	.137	.112
140-RLA3R3M1HBK0511P	RLA3R3M1HBK-0511P	3.3	5x11	.27	.137	.112
140-RLA4R7M1HBK0511P	RLA4R7M1HBK-0511P	4.7	5x11	.27	.137	.112
140-RLA100M1HBK0611P	RLA100M1HBK-0611P	10	6.3x11	.30	.15	.125
140-RLA220M1HBK0611P	RLA220M1HBK-0611P	22	6.3x11	.40	.20	.163
140-RLA470M1HBK0811P	RLA470M1HBK-0811P	47	8x11	.47	.287	.237
140-RLA101M1HBK1016P	RLA101M1HBK-1016P	100	10x16	.80	.45	.30

LELON RXJ LOW ESR ELECTROLYTIC CAPACITORS SERIES

Specifications:

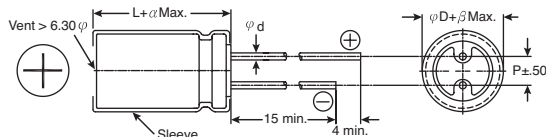
- Operating temperature range: -55°C to +105°C
- Capacitance tolerance: ±20% (@ 20°C, 120Hz)
- Endurance: 2000 hours @ 105°C (OD < 8mm)
5000 hours @ 105°C (OD > 10mm)
- DC Leakage current: I = 0.01CV or 3 (µA), whichever is greater

Features:

- High permissible ripple current
- Wide operating temperature range
- Suited for switching power supplies

Application Note:

A higher voltage capacitor may be used in a lower voltage application



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Dissipation Factor (Tan δ, at 20°C 120Hz)

Rated voltage (V)	6.3	10	16	35	50	63	100
Tan δ (max.)	.22	.19	.16	.12	.10	.01	.01

Lead Spacing & Diameter	DIMENSIONS: mm						
	5	6.3	8	10	12.5	16	18
φD							
P	2.0	2.5	3.5	5.0			7.5
φd	0.5			0.6		0.8	
a	1.0			1.5			
B	0.5						

MOUSER STOCK NO.	Lelon Part No.	Value (µF)	Max. ESRQ @ 20°C 100K-HZ	Case Size DxL (mm) Max.	Price Each		
					1	100	500
16 Volt (20V Surge)							
140-RXJ101M1CBK0611P	RXJ101M1CBK-0611P	100	0.60	6.3x11	.50	.263	.206
140-RXJ221M1CBK0811P	RXJ221M1CBK-0811P	220	0.33	8x11.5	.57	.31	.252
140-RXJ331M1CBK1012P	RXJ331M1CBK-1012P	330	0.25	10x12.5	.64	.345	.276
140-RXJ471M1CBK1016P	RXJ471M1CBK-1016P	470	0.19	10x16	.70	.368	.299
140-RXJ102M1CBK1320P	RXJ102M1CBK-1320P	1000	0.085	12.5x20	1.10	.62	.505
140-RXJ222M1CBK1325P	RXJ222M1CBK-1325P	2200	0.07	12.5x25	1.81	1.00	.782
140-RXJ332M1CBK1632P	RXJ332M1CBK-1632P	3300	0.048	16x31.5	2.35	1.28	1.00
25 Volt (32V Surge)							
140-RXJ330M1EBK0511P	RXJ330M1EBK-0511P	33	1.30	5x11	.32	.16	.137
140-RXJ470M1EBK0611P	RXJ470M1EBK-0611P	47	0.60	6.3x11	.39	.183	.16
140-RXJ101M1EBK0811P	RXJ101M1EBK-0811P	100	0.33	8x11.5	.53	.242	.219
140-RXJ102M1EBK1012P	RXJ102M1EBK-1012P	220	0.25	10x12.5	.65	.31	.276
140-RXJ331M1EBK1016P	RXJ331M1EBK-1016P	330	0.19	10x16	.71	.321	.298
140-RXJ102M1EBK1325P	RXJ102M1EBK-1325P	1000	0.07	12.5x25	1.54	.724	.655
50 Volt (63V Surge)							
140-RXJ47R7M1HBK0511P	RXJ47R7M1HBK0511P	4.7	3.00	5x11	.27	.137	.113
140-RXJ100M1HBK0511P	RXJ100M1HBK0511P	10	2.00	5x11	.27	.137	.113

MOUSER STOCK NO.	Lelon Part No.	Value (µF)	Max. ESRQ @ 20°C 100K-HZ	Case Size DxL (mm) Max.	Price Each		
					1	100	500
50 Volt (63V Surge) Cont.							
140-RXJ220M1HBK0611P	RXJ220M1HBK0611P	22	0.6	6.3x11	.33	.16	.137
140-RXJ330M1HBK0611P	RXJ330M1HBK0611P	33	0.6	6.3x11	.51	.24	.217
140-RXJ470M1HBK0611P	RXJ470M1HBK0611P	47	0.33	6.3x11	.52	.241	.218
140-RXJ101M1HBK1016P	RXJ101M1HBK1016P	100	0.19	10x16	.71	.321	.298
140-RXJ221M1HBK1025P	RXJ221M1HBK1025P	220	0.12	10x25	.96	.528	.413
140-RXJ331M1HBK1320P	RXJ331M1HBK1320P	330	0.085	12.5x20	1.19	.712	.62
140-RXJ471M1HBK1325P	RXJ471M1HBK1325P	470	0.07	13x26	1.55	.862	.667
140-RXJ102M1HBK1632P	RXJ102M1HBK1632P	1000	0.06	16x31.5	2.30	1.46	.977
100 Volt (125V Surge)							
140-RXJ1R0M2ABK0511P	RXJ1R0M2ABK-0511P	1.0	7.00	5x11	.27	.137	.113
140-RXJ2R2M2ABK0511P	RXJ2R2M2ABK-0511P	2.2	6.00	5x11	.27	.137	.113
140-RXJ100M2ABK0811P	RXJ100M2ABK-0811P	10	0.56	8x11.5	.52	.241	.218
140-RXJ220M2ABK0811P	RXJ220M2ABK-0811P	22	0.56	8x11.5	.52	.241	.218
140-RXJ330M2ABK1012P	RXJ330M2ABK1012P	33	0.5	10x12.5	.65	.31	.276
140-RXJ470M2ABK1020P	RXJ470M2ABK1020P	47	0.27	10x20	.71	.356	.31
140-RXJ101M2ABK1320P	RXJ101M2ABK1320P	100	0.16	12.5x20	1.48	.69	.621