

LELON Aluminum Electrolytic Capacitors



This product is RoHS compliant.

LELON SS ULTRA MINIATURE SERIES - 5MM HEIGHT

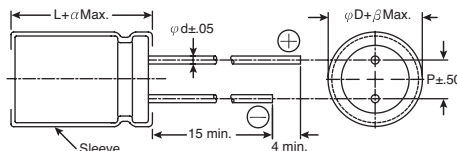
Specifications:

- Operating temperature range: -40°C to +85°C
- Capacitance tolerance: ±20% (@ 20°C, 120Hz)
- Endurance: 1000 hours @ 85°C
- DC Leakage current: I = 0.01CV or 3 (µA), whichever is greater
- Smallest leaded electrolytic available from stock

LEAD SPACING AND DIAMETER

øD	3	4	5	6.3	8
P	1.0	1.5	2.0	2.5	2.5
ød	0.4	0.45			
a	1.0				
B	0.5				

DIMENSIONS: mm



RoHS Compliant

Application Note:

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

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Lelon Part No.	Value (µF)	Case Size DxDL (mm) Max.	Price Each			
				1	100	500	1000
6.3 Volt (8V Surge)							
140-SS470M0J0505P	SS470M0JBK-0505P	47	5x5	.20	.15	.106	.075
10 Volt (13V Surge)							
140-SS100M1A0405P	SS100M1ABK-0405P	10	4x5	.20	.15	.112	.081
16 Volt (20V Surge)							
140-SS4R7M1C0305P	SS4R7M1CBK-0305P	4.7	3x5	.13	.114	.091	.063
140-SS100M1C0405P	SS100M1CBK-0405P	10	4x5	.15	.125	.10	.068
140-SS220M1C0505P	SS220M1CBK-0505P	22	5x5	.19	.149	.112	.081
140-SS330M1C0505P	SS330M1CBK-0505P	33	5x5	.22	.174	.137	.099
140-SS470M1C0605P	SS470M1CBK-0605P	47	6.3x5	.22	.175	.137	.10
140-SS101M1C0805P	SS101M1CBK-0805P	100	8x5	.39	.312	.237	.174
25 Volt (32V Surge)							
140-SS3R3M1E0305P	SS3R3M1EBK-0305P	3.3	3x5	.20	.16	.103	.086
140-SS4R7M1E0405P	SS4R7M1EBK-0405P	4.7	4x5	.22	.175	.112	.093
140-SS100M1E0505P	SS100M1EBK-0505P	10	5x5	.20	.15	.112	.081
140-SS220M1E0605P	SS220M1EBK-0605P	22	6.3x5	.22	.175	.138	.10

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Lelon Part No.	Value (µF)	Case Size DxDL (mm) Max.	Price Each			
				1	100	500	1000
25 Volt (32V Surge) Cont.							
140-SS470M1E0605P	SS470M1EBK-0605P	47	6.3x5	.22	.175	.138	.10
140-SS101M1E0805P	SS101M1EBK-0805P	100	8x5	.22	.175	.137	.10
35 Volt (44V Surge)							
140-SS2R2M1V0305P	SS2R2M1VBK-0305P	2.2	3x5	.20	.16	.103	.086
140-SS3R3M1V0405P	SS3R3M1VBK-0405P	3.3	4x5	.15	.125	.093	.068
140-SS4R7M1V0405P	SS4R7M1VBK-0405P	4.7	4x5	.15	.125	.093	.068
140-SS100M1V0505P	SS100M1VBK-0505P	10	5x5	.20	.15	.112	.081
140-SS220M1V0605P	SS220M1VBK-0605P	22	6.3x5	.22	.175	.138	.10
50 Volt (63V Surge)							
140-SS0R1M1H0305P	SS0R1M1HBK-0305P	0.1	3x5	.20	.16	.126	.091
140-SS0R33M1H0305P	SS0R33M1HBK-0305P	0.33	3x5	.20	.16	.126	.091
140-SS0R47M1H0305P	SS0R47M1HBK-0305P	0.47	3x5	.20	.16	.126	.091
140-SS2R2M1H0405P	SS2R2M1HBK-0405P	2.2	4x5	.14	.124	.093	.068
140-SS100M1H0605P	SS100M1HBK-0605P	10	6.3x5	.22	.175	.138	.10
140-SS220M1H0605P	SS220M1HBK-0605P	22	6.3x5	.35	.275	.212	.137

Aluminum Caps, Leaded Lelon

LELON SEA 85°C SUB MINIATURE SERIES- 7MM HEIGHT

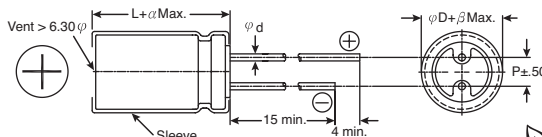
Specifications:

- Operating temperature range: -40°C to +85°C
- Capacitance tolerance: ±20% (@ 20°C, 120Hz)
- Endurance: 2000 hours @ 85°C
- DC Leakage current: I = 0.01CV or 3 (µA), whichever is greater
- Meets tight board space requirements
- Replacement for expensive tantalum capacitors

LEAD SPACING AND DIAMETER

øD	4	5	6.3	8	10
P	1.5	2.0	2.5	3.5	5.0
ød	0.45	0.5			
a	1.0				
B	0.5				

DIMENSIONS: mm



RoHS Compliant

Application Note:

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

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Lelon Part No.	Value (µF)	Case Size DxDL (mm) Max.	Price Each			
				1	100	500	1000
10 Volt (13V Surge)							
140-SEA220M1ABK0407	SEA220M1ABK-0407	22	4x7	.09	.077	.071	.047
140-SEA330M1ABK0407	SEA330M1ABK-0407	33	4x7	.10	.077	.071	.047
140-SEA470M1ABK0507	SEA470M1ABK-0507	47	5x7	.12	.092	.083	.056
140-SEA101M1ABK0607	SEA101M1ABK-0607	100	6.3x7	.14	.108	.098	.066
140-SEA221M1ABK0807	SEA221M1ABK-0807	220	8x7	.21	.15	.137	.093
16 Volt (20V Surge)							
140-SEA100M1CBK0407	SEA100M1CBK-0407	10	4x7	.09	.077	.071	.047
140-SEA220M1CBK0507	SEA220M1CBK-0507	22	4x7	.10	.077	.071	.047
140-SEA330M1CBK0507	SEA330M1CBK-0507	33	5x7	.12	.092	.083	.056
140-SEA470M1CBK0607	SEA470M1CBK-0607	47	6.3x7	.15	.108	.098	.066
140-SEA101M1CBK0607	SEA101M1CBK-0607	100	6.3x7	.16	.124	.112	.075

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Lelon Part No.	Value (µF)	Case Size DxDL (mm) Max.	Price Each			
				1	100	500	1000
25 Volt (32V Surge)							
140-SEA330M1EBK0607	SEA330M1EBK-0607	33	6.3x7	.14	.108	.098	.066
35 Volt (44V Surge)							
140-SEA4R7M1VBK0407	SEA4R7M1VBK-0407P	4.7	4x7	.09	.077	.071	.047
140-SEA100M1VBK0507	SEA100M1VBK-0507P	10	5x7	.12	.092	.083	.056
140-SEA220M1VBK0607	SEA220M1VBK-0607P	22	6.3x7	.14	.108	.098	.066
50 Volt (63V Surge)							
140-SEA0R1M1HBK0407	SEA0R1M1HBK-0407P	0.1	4x7	.09	.077	.071	.047
140-SEA0R22M1HBK0407	SEA0R22M1HBK-0407P	0.22	4x7	.09	.077	.071	.047
140-SEA0R33M1HBK0407	SEA0R33M1HBK-0407P	0.33	4x7	.09	.077	.071	.047
140-SEA0R47M1HBK0407	SEA0R47M1HBK-0407P	0.47	4x7	.09	.077	.071	.047
140-SEA3R3M1HBK0407	SEA3R3M1HBK-0407P	3.3	4x7	.10	.077	.071	.047
140-SEA4R7M1HBK0507	SEA4R7M1HBK-0507P	4.7	5x7	.12	.092	.083	.056
140-SEA100M1HBK0607	SEA100M1HBK-0607P	10	6.3x7	.15	.109	.099	.066

LELON SG 105°C SUB MINIATURE SERIES- 7MM HEIGHT

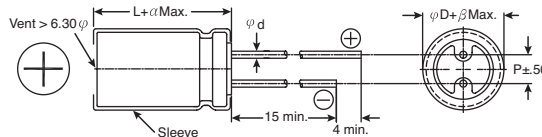
Specifications:

- Operating temperature: -40°C to +105°C
- Capacitance tolerance: ±20% (@ 20°C, 120Hz)
- Endurance: 1000 hours @ 105°C
- DC Leakage current: I = .01CV or 3uA whichever is greater
- Meets tight board space requirements
- Can be used in place of expensive tantalum capacitors

LEAD SPACING AND DIAMETER

øD	4	5	6.3	8
P	1.5	2.0	2.5	3.5
ød	0.45	0.5		
a	1.0			
B	0.5			

DIMENSIONS: mm



RoHS Compliant

Application Note:

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

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Lelon Part No.	Value (µF)	Case Size DxDL (mm) Max.	Price Each			
				1	100	500	1000
10 Volt (13V Surge)							
140-SG330M1A0407P	SG330M1ABK-0407P	33	4x7	.36	.118	.084	.057
140-SG101M1A0607P	SG101M1ABK-0607P	100	6.3x7	.41	.149	.118	.079
140-SG221M1A0807P	SG221M1ABK-0807P	220	8x7	.55	.25	.165	.112
16 Volt (20V Surge)							
140-SG100M1C0407P	SG100M1CBK-0407P	10	4x7	.36	.118	.084	.057
140-SG470M1C0607P	SG470M1CBK-0607P	47	6.3x7	.41	.15	.118	.08
140-SG101M1C0807P	SG101M1CBK-0807P	100	6.3x7	.43	.175	.138	.09
25 Volt (32V Surge)							
140-SG330M1E0607P	SG330M1EBK-0607P	33	6.3x7	.41	.15	.119	.08

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Lelon Part No.	Value (µF)	Case Size DxDL (mm) Max.	Price Each			
				1	100	500	1000
35 Volt (44V Surge)							
140-SG4R7M1V0407P	SG4R7M1VBK-0407P	4.7	4x7	.36	.118	.084	.057
140-SG100M1V0507P	SG100M1VBK-0507P	10	5x7	.38	.137	.101	.067
50 Volt (63V Surge)							
140-SG0R1M1H0407P	SG0R1M1HBK-0407P	0.1	4x7	.36	.118	.084	.057
140-SG0R22M1H0407P	SG0R22M1HBK-0407P	0.22	4x7	.36	.118	.084	.057
140-SG0R47M1H0407P	SG0R47M1HBK-0407P	0.47	4x7	.36	.118	.084	.057
140-SG1R0M1H0407P	SG1R0M1HBK-0407P	1	4x7	.36	.118	.084	.057
140-SG2R2M1H0407P	SG2R2M1HBK-0407P	2.2	4x7	.36	.118	.084	.057
140-SG3R3M1H0407P	SG3R3M1HBK-0407P	3.3	4x7	.36	.118	.084	.057
140-SG4R7M1H0507P	SG4R7M1HBK-0507P	4.7	5x7	.38	.118	.085	.067
140-SG100M1H0607P	SG100M1HBK-0607P	10	6.3x7	.41	.15	.119	.08