

LELON Aluminum Electrolytic Capacitors



RoHS compliant This product is RoHS compliant.

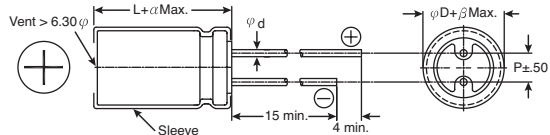
LELON RGA 105°C HIGH TEMPERATURE SERIES

Electrical Specifications:

- Operating temperature range: -40°C to +105°C
- Capacitance tolerance: ±20% (at 120Hz, 20°C)
- Endurance: 2000 hours @ 105°C

Application Note:

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



RoHS Compliant

Leakage Current (at 20°C)			
Rated Voltage	<100V		>100V
	After 2 minutes	after 5 minutes	
Time	Leakage Current		
	1=0.01CV or 3 (µA) whichever is greater	CV<1000 1=0.03CV+15 (µA)	CV>1000 1=0.02CV+25(µA)

Where, C=rated capacitance in µF V=rated DC working voltage in V

Lead Spacing & Diameter	DIMENSIONS: mm									
	øD	5	6.3	8	10	12.5	16	18	22	25
P	2.0	2.5	3.5	5.0		7.5		10	12.5	
ød	0.5		0.6			0.8		1.0		
a	1.0			1.5					2.0	
B	0.5									

10 Volts (13V Surge)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Lelon Part No.	Value (µF)	Case Size DxL (mm) Max.	Price Each			
				1	100	500	1000
140-RGA101M1ABK0511G	RGA101M1ABK-0511G	100	5x11	.09	.069	.057	.052
140-RGA681M1ABK1012G	RGA681M1ABK-1012G	680	10x12	.18	.14	.12	.10

50 Volt (63V Surge)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Lelon Part No.	Value (µF)	Case Size DxL (mm) Max.	Price Each			
				1	100	500	1000
140-RGA1R0M1HBK0511G	RGA1R0M1HBK-0511G	1.0	5x11	.08	.056	.043	.039
140-RGA2R2M1HBK0511G	RGA2R2M1HBK-0511G	2.2	5x11	.08	.056	.043	.039
140-RGA4R7M1HBK0511G	RGA4R7M1HBK-0511G	4.7	5x11	.08	.057	.044	.039
140-RGA100M1HBK0511G	RGA100M1HBK-0511G	10	5x11	.08	.056	.043	.038
140-RGA220M1HBK0511G	RGA220M1HBK-0511G	22	6.3x11	.09	.068	.053	.048
140-RGA330M1HBK0611G	RGA330M1HBK-0611G	33	8x11	.09	.073	.062	.056
140-RGA470M1HBK0611G	RGA470M1HBK-0611G	47	8x11	.13	.097	.068	.052
140-RGA101M1HBK0811G	RGA101M1HBK-0811G	100	8x11	.14	.111	.09	.082
140-RGA221M1HBK1020G	RGA221M1HBK-1020G	220	10x20	.25	.195	.161	.149
140-RGA331M1HBK1320G	RGA331M1HBK-1320G	330	13x20	.34	.26	.23	.21
140-RGA471M1HBK1325G	RGA471M1HBK-1325G	2200	18x36	.45	.344	.321	.287

16 Volt (20V Surge)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Lelon Part No.	Value (µF)	Case Size DxL (mm) Max.	Price Each			
				1	100	500	1000
140-RGA220M1CBK0511G	RGA220M1CBK-0511G	22	5x11	.08	.056	.043	.039
140-RGA470M1CBK0511G	RGA470M1CBK-0511G	47	5x11	.08	.056	.043	.039
140-RGA101M1CBK0611G	RGA101M1CBK-0611G	100	6.3x11	.09	.068	.053	.048
140-RGA221M1CBK0811G	RGA221M1CBK-0811G	220	8x11.5	.13	.097	.068	.052
140-RGA331M1CBK0811G	RGA331M1CBK-0811G	330	8x11.5	.13	.097	.068	.052
140-RGA471M1CBK1012G	RGA471M1CBK-1012G	470	10x12	.19	.149	.138	.112
140-RGA681M1CBK1020G	RGA681M1CBK-1020G	680	10x20	.24	.19	.17	.15
140-RGA102M1CBK1020G	RGA102M1CBK-1020G	1000	10x20	.28	.229	.206	.183
140-RGA222M1CBK1325G	RGA222M1CBK-1325G	2200	13x25	.60	.448	.356	.299
140-RGA472M1CBK1625G	RGA472M1CBK-1625G	4700	16x25	1.17	.919	.816	.747

63 Volt (79V Surge)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Lelon Part No.	Value (µF)	Case Size DxL (mm) Max.	Price Each			
				1	100	500	1000
140-RGA2R2M1JBK0511G	RGA2R2M1JBK-0511G	2.2	5x11	.08	.056	.043	.039
140-RGA3R3M1JBK0511G	RGA3R3M1JBK-0511G	3.3	5x11	.08	.057	.044	.039
140-RGA4R7M1JBK0511G	RGA4R7M1JBK-0511G	4.7	5x11	.08	.057	.044	.039
140-RGA101M1JBK1012G	RGA101M1JBK-1012G	10	10x12	.20	.161	.138	.115
140-RGA102M1JBK1632G	RGA102M1JBK-1632G	1000	16x32	1.92	1.52	1.33	1.13

100 Volt (125V Surge)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Lelon Part No.	Value (µF)	Case Size DxL (mm) Max.	Price Each			
				1	100	500	1000
140-RGAR47M2ABK0511G	RGAR47M2ABK-0511G	0.47	5x11	.09	.067	.052	.048
140-RGA1R0M2ABK0511G	RGA1R0M2ABK-0511G	1.0	5x11	.09	.068	.053	.048
140-RGA4R7M2ABK0611G	RGA4R7M2ABK-0611G	4.7	6.3x11	.10	.074	.057	.052
140-RGA100M2ABK0811G	RGA100M2ABK-0811G	10	8x11	.13	.097	.069	.052
140-RGA220M2ABK0811G	RGA220M2ABK-0811G	22	8x11	.13	.097	.068	.052
140-RGA470M2ABK1012G	RGA470M2ABK-1012G	47	10x12	.25	.195	.16	.149
140-RGA101M2ABK1320G	RGA101M2ABK-1320G	100	13x20	.48	.369	.335	.289
140-RGA471M2ABK1836G	RGA471M2ABK-1836G	470	18x36	1.54	1.19	1.02	.919
140-RGA681M2ABK1836G	RGA681M2ABK-1836G	680	18x36	2.09	1.66	1.45	1.30

25 Volt (32V Surge)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Lelon Part No.	Value (µF)	Case Size DxL (mm) Max.	Price Each			
				1	100	500	1000
140-RGA100M1EBK0511G	RGA100M1EBK-0511G	10	5x11	.08	.056	.043	.039
140-RGA220M1EBK0511G	RGA220M1EBK-0511G	22	5x11	.08	.056	.043	.039
140-RGA330M1EBK0511G	RGA330M1EBK-0511G	33	5x11	.08	.056	.043	.039
140-RGA470M1EBK0511G	RGA470M1EBK-0511G	47	5x11	.09	.07	.057	.052
140-RGA101M1EBK0611G	RGA101M1EBK-0611G	100	6.3x11	.09	.07	.057	.052
140-RGA221M1EBK0811G	RGA221M1EBK-0811G	220	8x11.5	.14	.11	.09	.082
140-RGA331M1EBK1012G	RGA331M1EBK-1012G	330	10x12	.20	.161	.138	.115
140-RGA471M1EBK1012G	RGA471M1EBK-1012G	470	10x12	.25	.195	.161	.149
140-RGA102M1EBK1320G	RGA102M1EBK-1320G	1000	13x20	.46	.356	.276	.218
140-RGA222M1EBK1625G	RGA222M1EBK-1625G	2200	16x25	.87	.685	.499	.418

160 Volt (200V Surge)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Lelon Part No.	Value (µF)	Case Size DxL (mm) Max.	Price Each			
				1	100	500	1000
140-RGA1R0M2CBK0511G	RGA1R0M2CBK-0511G	1.0	5x11	.11	.082	.067	.056
140-RGA2R2M2CBK0611G	RGA2R2M2CBK-0611G	2.2	6.3x11	.13	.097	.078	.066
140-RGA4R7M2CBK0611G	RGA4R7M2CBK-0611G	4.7	6.3x11	.14	.112	.092	.08
140-RGA100M2CBK1012G	RGA100M2CBK-1012G	10	10x12.5	.20	.161	.138	.126
140-RGA220M2CBK1020G	RGA220M2CBK-1020G	22	10x20	.39	.298	.264	.241
140-RGA470M2CBK1325G	RGA470M2CBK-1325G	47	13x26	.66	.529	.46	.402
140-RGA101M2CBK1625G	RGA101M2CBK-1625G	100	16x25	.88	.701	.621	.563

35 Volt (44V Surge)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Lelon Part No.	Value (µF)	Case Size DxL (mm) Max.	Price Each			
				1	100	500	1000
140-RGA100M1VBK0511G	RGA100M1VBK-0511G	10	5x11	.08	.056	.043	.039
140-RGA220M1VBK0511G	RGA220M1VBK-0511G	22	5x11	.08	.056	.043	.039
140-RGA330M1VBK0611G	RGA330M1VBK-0611G	33	6.3x11	.09	.068	.053	.048
140-RGA470M1VBK0611G	RGA470M1VBK-0611G	47	6.3x11	.09	.068	.053	.048
140-RGA101M1VBK0811G	RGA101M1VBK-0811G	100	8x11.5	.11	.097	.089	.075
140-RGA221M1VBK1012G	RGA221M1VBK-1012G	220	10x12	.20	.161	.138	.115
140-RGA331M1VBK1016G	RGA331M1VBK-1016G	330	10x16	.25	.195	.161	.149
140-RGA471M1VBK1016G	RGA471M1VBK-1016G	470	10x16	.34	.264	.184	.149
140-RGA102M1VBK1316G	RGA102M1VBK-1316G	1000	13x20	.62	.494	.402	.333

250 Volt (300V Surge)

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Lelon Part No.	Value (µF)	Case Size DxL (mm) Max.	Price Each			
				1	100	500	1000
140-RGA1R0M2EBK0511G	RGA1R0M2EBK-0511G	1.0	5x11	.11	.098	.09	.076
140-RGA2R2M2EBK0611G	RGA2R2M2EBK-0611G	2.2	6.3x11	.15	.111	.093	.078
140-RGA4R7M2EBK1016G	RGA4R7M2EBK-1016G	4.7	10x16	.19	.149	.126	.109
140-RGA100M2EBK1016G	RGA100M2EBK-1016G	10	10x16	.27	.218	.195	.172
140-RGA220M2EBK1320G	RGA220M2EBK-1320G	22	13x20	.60	.448	.356	.298
140-RGA470M2EBK1325G	RGA470M2EBK-1325G	47	13x25	.95	.747	.632	.575
140-RGA101M2EBK1636G	RGA101M2EBK-1636G	100	16x35.5	1.86	1.10	.828	.713