

LELON Aluminum Electrolytic Capacitors

RoHS Compliant This product is RoHS compliant.



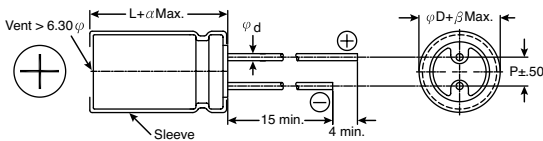
LELON RGA 105°C HIGH TEMPERATURE SERIES

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
Time	After 2 minutes	after 5 minutes
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 AND DIAMETER

DIMENSIONS: mm

øD	5	6.3	8	10	12.5	16	18	22	25
P	2.0	2.5	3.5	5.0	5.0	7.5	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 2000 and up, call for quote.

MOUSER STOCK NO.	Lelon Part No.	Value (µF)	Case Size DxL (mm) Max.	Price Each			
				1	100	500	1000
140-RGA101M1ABK0511P	RGA101M1ABK-0511P	100	5x11				
140-RGA681M1ABK1012P	RGA681M1ABK-1012P	680	10x12				

50 Volt (63V Surge)

For quantities 2000 and up, call for quote.

MOUSER STOCK NO.	Lelon Part No.	Value (µF)	Case Size DxL (mm) Max.	Price Each			
				1	100	500	1000
140-RGA1R0M1HBK0511P	RGA010M1HBK-0511P	1.0	5x11				
140-RGA2R2M1HBK0511P	RGA2R2M1HBK-0511P	2.2	5x11				
140-RGA4R7M1HBK0511P	RGA4R7M1HBK-0511P	4.7	5x11				
140-RGA100M1HBK0511P	RGA100M1HBK-0511P	10	5x11				
140-RGA220M1HBK0511P	RGA220M1HBK-0511P	22	6.3x11				
140-RGA330M1HBK0611P	RGA330M1HBK-0611P	33	8x11				
140-RGA470M1HBK0611P	RGA470M1HBK-0611P	47	8x11				
140-RGA101M1HBK0811P	RGA101M1HBK-0811P	100	8x11				
140-RGA221M1HBK1020P	RGA221M1HBK-1020P	220	10x20				
140-RGA331M1HBK1320P	RGA331M1HBK-1320P	330	13x20				
140-RGA222M1HBK1836P	RGA222M1HBK-1836P	2200	18x36				

16 Volt (20V Surge)

For quantities 2000 and up, call for quote.

MOUSER STOCK NO.	Lelon Part No.	Value (µF)	Case Size DxL (mm) Max.	Price Each			
				1	100	500	1000
140-RGA220M1CBK0511P	RGA220M1CBK-0511P	22	5x11				
140-RGA470M1CBK0511P	RGA470M1CBK-0511P	47	5x11				
140-RGA101M1CBK0611P	RGA101M1CBK-0611P	100	6.3x11				
140-RGA221M1CBK0811P	RGA221M1CBK-0811P	220	8x11.5				
140-RGA331M1CBK0811P	RGA331M1CBK-0811P	330	8x11.5				
140-RGA471M1CBK1012P	RGA471M1CBK-1012P	470	10x12				
140-RGA681M1CBK1020P	RGA681M1CBK-1020P	680	10x20				
140-RGA102M1CBK1020P	RGA102M1CBK-1020P	1000	10x20				
140-RGA222M1CBK1325P	RGA222M1CBK-1325P	2200	13x25				
140-RGA472M1CBK1625P	RGA472M1CBK-1625P	4700	16x25				

63 Volt (79V Surge)

For quantities 2000 and up, call for quote.

MOUSER STOCK NO.	Lelon Part No.	Value (µF)	Case Size DxL (mm) Max.	Price Each			
				1	100	500	1000
140-RGA2R2M1JBK0511P	RGA2R2M1JBK-0511P	2.2	5x11				
140-RGA3R3M1JBK0511P	RGA3R3M1JBK-0511P	3.3	5x11				
140-RGA4R7M1JBK0511P	RGA4R7M1JBK-0511P	4.7	5x11				
140-RGA101M1JBK1012P	RGA101M1JBK-1012P	10	10x12				
140-RGA102M1JBK1632P	RGA102M1JBK-1632P	1000	16x32				

25 Volt (32V Surge)

For quantities 2000 and up, call for quote.

MOUSER STOCK NO.	Lelon Part No.	Value (µF)	Case Size DxL (mm) Max.	Price Each			
				1	100	500	1000
140-RGA100M1EBK-0511P	RGA100M1EBK-0511P	10	5x11				
140-RGA220M1EBK0511P	RGA220M1EBK-0511P	22	5x11				
140-RGA330M1EBK0511P	RGA330M1EBK-0511P	33	5x11				
140-RGA470M1EBK0511P	RGA470M1EBK-0511P	47	5x11				
140-RGA101M1EBK0611P	RGA101M1EBK-0611P	100	6.3x11				
140-RGA221M1EBK0811P	RGA221M1EBK-0811P	220	8x11.5				
140-RGA331M1EBK1012P	RGA331M1EBK-1012P	330	10x12				
140-RGA471M1EBK1012P	RGA471M1EBK-1012P	470	10x12				
140-RGA102M1EBK1320P	RGA102M1EBK-1320P	1000	13x20				
140-RGA222M1EBK1625P	RGA222M1EBK-1625P	2200	16x25				

100 Volt (125V Surge)

For quantities 2000 and up, call for quote.

MOUSER STOCK NO.	Lelon Part No.	Value (µF)	Case Size DxL (mm) Max.	Price Each			
				1	100	500	1000
140-RGAR47M2ABK0511P	RGAR47M2ABK-0511P	0.47	5x11				
140-RGA1R0M2ABK0511P	RGA010M2ABK-0511P	1.0	5x11				
140-RGA4R7M2ABK0611P	RGA4R7M2ABK-0611P	4.7	6.3x11				
140-RGA100M2ABK0811P	RGA100M2ABK-0811P	10	8x11				
140-RGA220M2ABK0811P	RGA220M2ABK-0811P	22	8x11				
140-RGA470M2ABK1012P	RGA470M2ABK-1012P	47	10x12				
140-RGA101M2ABK1320P	RGA101M2ABK-1320P	100	13x20				
140-RGA471M2ABK1836P	RGA471M2ABK-1836P	470	18x36				
140-RGA681M2ABK1836P	RGA681M2ABK-1836P	680	18x36				

160 Volt (200V Surge)

For quantities 2000 and up, call for quote.

MOUSER STOCK NO.	Lelon Part No.	Value (µF)	Case Size DxL (mm) Max.	Price Each			
				1	100	500	1000
140-RGA1R0M2CBK0511P	RGA010M2CBK-0511P	1.0	5x11				
140-RGA2R2M2CBK0611P	RGA2R2M2CBK-0611P	2.2	6.3x11				
140-RGA4R7M2CBK0611P	RGA4R7M2CBK-0611P	4.7	6.3x11				
140-RGA100M2CBK1012P	RGA100M2CBK-1012P	10	10x12.5				
140-RGA220M2CBK1020P	RGA220M2CBK-1020P	22	10x20				
140-RGA470M2CBK1325P	RGA470M2CBK-1325P	47	13x26				
140-RGA101M2CBK1625P	RGA101M2CBK-1625P	100	16x25				

35 Volt (44V Surge)

For quantities 2000 and up, call for quote.

MOUSER STOCK NO.	Lelon Part No.	Value (µF)	Case Size DxL (mm) Max.	Price Each			
				1	100	500	1000
140-RGA100M1VBK-0511P	RGA100M1VBK-0511P	10	5x11				
140-RGA220M1VBK0511P	RGA220M1VBK-0511P	22	5x11				
140-RGA330M1VBK0611P	RGA330M1VBK-0611P	33	6.3x11				
140-RGA470M1VBK0611P	RGA470M1VBK-0611P	47	6.3x11				
140-RGA101M1VBK0811P	RGA101M1VBK-0811P	100	8x11.5				
140-RGA221M1VBK1012P	RGA221M1VBK-1012P	220	10x12				
140-RGA331M1VBK1016P	RGA331M1VBK-1016P	330	10x16				
140-RGA471M1VBK1016P	RGA471M1VBK-1016P	470	10x16				
140-RGA102M1VBK1316P	RGA102M1VBK-1316P	1000	13x20				

250 Volt (300V Surge)

For quantities 2000 and up, call for quote.

MOUSER STOCK NO.	Lelon Part No.	Value (µF)	Case Size DxL (mm) Max.	Price Each			
				1	100	500	1000
140-RGA1R0M2EBK0511P	RGA010M2EBK-0511P	1.0	5x11				
140-RGA2R2M2EBK0611P	RGA2R2M2EBK-0611P	2.2	6.3x11				
140-RGA4R7M2EBK1016P	RGA4R7M2EBK-1016P	4.7	10x16				
140-RGA100M2EBK1016P	RGA100M2EBK-1016P	10	10x16				
140-RGA220M2EBK1320P	RGA220M2EBK-1320P	22	13x20				
140-RGA470M2EBK1325P	RGA470M2EBK-1325P	47	13x25				
140-RGA101M2EBK1636P	RGA101M2EBK-1636P	100	16x35.5				

Lelon Aluminum Caps, Leaded