

LELON Aluminum Electrolytic Capacitors

RoHS Compliant  This product is RoHS compliant.



LELON TEA 85°C AXIAL SERIES

Specifications:

- Operating temperature range: -40°C to +85°C
- Capacitance tolerance: ±20% (@ 20°C, 120Hz)
- Endurance: 2000 hours @ 85°C
- DC Leakage current: Use chart on spec sheet

Application Note:

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



Leakage Current (at 20°C)

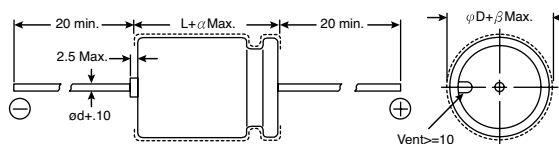
Rated Voltage	<100V	>100V
Time	After 2 minutes	after 5 minutes
Leakage Current	1=0.02CV or 3 (µA) whichever is greater	CV<1000 1=0.03CV+15 (µA) CV>1000 1=0.02CV+25(µA)

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

LEAD SPACING AND DIAMETER

øD	5	6.3	8	10	12.5	16	18	22	25
ød	0.6			0.8					
a	1.5			2.0					
B	0.5								

DIMENSIONS: mm



 RoHS Compliant

Aluminum Caps, Leaded Lelon

For quantities 1000 and up, call for quote.

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MOUSER STOCK NO.	Lelon Part No.	Value (µF)	Case Size DxL (mm) Max.	Ripple Current(mA) @ 120 Hz,85°C	Price Each		
					1	100	500
16Volt (20V Surge)							
140-TEA100M1CBK0512P	TEA100M1CBK-0512P	10	5x12	35			
140-TEA220M1CBK0512P	TEA220M1CBK-0512P	22	5x12	71			
140-TEA330M1CBK0512P	TEA330M1CBK-0512P	33	5x12	85			
140-TEA470M1CBK0614P	TEA470M1CBK-0614P	47	6.3x13	88			
140-TEA101M1CBK0614P	TEA101M1CBK-0614P	100	6.3x13	160			
140-TEA221M1CBK0813P	TEA221M1CBK-0813P	220	8x13	298			
140-TEA331M1CBK0816P	TEA331M1CBK-0816P	330	8x16	365			
140-TEA471M1CBK0816P	TEA471M1CBK-0816P	470	8x16	460			
140-TEA102M1CBK1021P	TEA102M1CBK-1021P	1000	10x21	775			
140-TEA222M1CBK1322P	TEA222M1CBK-1322P	2200	13x22	1125			
140-TEA472M1CBK1633P	TEA472M1CBK-1633P	4700	16x33	1650			
25Volt (32V Surge)							
140-TEA100M1EBK0512P	TEA100M1EBK-0512P	10	5x12	40			
140-TEA220M1EBK0512P	TEA220M1EBK-0512P	22	5x12	76			
140-TEA470M1EBK0613P	TEA470M1EBK-0613P	47	6.3x13	100			
140-TEA101M1EBK0813P	TEA101M1EBK-0813P	100	8x13	215			
140-TEA221M1EBK0816P	TEA221M1EBK-0816P	220	8x16	319			
140-TEA331M1EBK1017P	TEA331M1EBK-1017P	330	10x17	454			
140-TEA471M1EBK1017P	TEA471M1EBK-1017P	470	10x17	524			
140-TEA102M1EBK1322P	TEA102M1EBK-1322P	1000	13x22	873			
140-TEA222M1EBK1628P	TEA222M1EBK-1628P	2200	16x28	1344			
140-TEA332M1EBK1633P	TEA332M1EBK-1633P	3300	16x33	1611			
140-TEA472M1EBK1837P	TEA472M1EBK-1837P	4700	18x37	1881			
35Volt (44V Surge)							
140-TEA100M1VBK0512P	TEA100M1VBK-0512P	10	5x12	55			
140-TEA330M1VBK0614P	TEA330M1VBK-0614P	33	6.3x13	115			
140-TEA470M1VBK0614P	TEA470M1VBK-0614P	47	6.3x13	138			
140-TEA101M1VBK0816P	TEA101M1VBK-0816P	100	8x16	232			
140-TEA221M1VBK1017P	TEA221M1VBK-1017P	220	10x17	401			
140-TEA331M1VBK1021P	TEA331M1VBK-1021P	330	10x21	514			
140-TEA471M1VBK1021P	TEA471M1VBK-1021P	470	10x21	613			
140-TEA102M1VBK1327P	TEA102M1VBK-1327P	1000	13x27	955			
140-TEA222M1VBK1633P	TEA222M1VBK-1633P	2200	16x33	1421			
140-TEA332M1VBK1637P	TEA332M1VBK-1637P	3300	16x37	1640			
50Volt (63V Surge)							
140-TEA1R0M1HBK0512P	TEA010M1HBK-0512P	1.0	5x12	10			
140-TEA2R2M1HBK0512P	TEA2R2M1HBK-0512P	2.2	5x12	20			
140-TEA3R3M1HBK0513P	TEA3R3M1HBK-0513P	3.3	5x12	30			
140-TEA4R7M1HBK0512P	TEA4R7M1HBK-0512P	4.7	5x12	42			
140-TEA6R8M1HBK0512P	TEA6R8M1HBK-0512P	6.8	5x12	46			
140-TEA100M1HBK0512P	TEA100M1HBK-0512P	10	5x12	50			

MOUSER STOCK NO.	Lelon Part No.	Value (µF)	Case Size DxL (mm) Max.	Ripple Current(mA) @ 120 Hz,85°C	Price Each		
					1	100	500
50Volt (63V Surge) (Cont.)							
140-TEA220M1HBK0613P	TEA220M1HBK-0613P	22	6.3x13	85			
140-TEA330M1HBK0614P	TEA330M1HBK-0614P	33	6.3x14	126			
140-TEA470M1HBK0813P	TEA470M1HBK-0813P	47	8x13	174			
140-TEA101M1HBK1017P	TEA101M1HBK-1017P	100	10x17	296			
140-TEA221M1HBK1021P	TEA221M1HBK-1021P	220	10x21	459			
140-TEA331M1HBK1322P	TEA331M1HBK-1322P	330	13x22	613			
140-TEA471M1HBK1322P	TEA471M1HBK-1322P	470	13x22	731			
140-TEA102M1HBK1633P	TEA102M1HBK-1633P	1000	16x33	1111			
140-TEA222M1HBK1840P	TEA222M1HBK-1840P	2200	18x40	1699			
140-TEA332M1HBK2243P	TEA332M1HBK-2243P	3300	22x43	2027			
63Volt (79V Surge)							
140-TEA2R2M1JBK0512P	TEA2R2M1JBK-0512P	2.2	5x12	30			
140-TEA101M1JBK1017P	TEA101M1JBK-1017P	100	10x17	326			
140-TEA221M1JBK1322P	TEA221M1JBK-1322P	220	13x22	527			
140-TEA471M1JBK1327P	TEA471M1JBK-1327P	470	13x27	780			
100Volt (125V Surge)							
140-TEA2R2M2ABK0512P	TEA2R2M2ABK-0512P	2.2	5x12	30			
140-TEA100M2ABK0613P	TEA100M2ABK-0613P	10	8x16	72			
140-TEA470M2ABK1021P	TEA470M2ABK-1021P	47	10x21	237			
140-TEA101M2ABK1322P	TEA101M2ABK-1322P	100	13x22	377			
160Volt (200V Surge)							
140-TEA100M2CBK1017P	TEA100M2CBK-1017P	10	10x17	60			
140-TEA220M2CBK1021P	TEA220M2CBK-1021P	22	10x21	131			
140-TEA470M2CBK1327P	TEA470M2CBK-1327P	47	13x27	198			
140-TEA101M2CBK1633P	TEA101M2CBK-1633P	100	16x33	345			
250Volt (300V Surge)							
140-TEA100M2EBK1021P	TEA100M2EBK-1021P	10	10x21	72			
140-TEA220M2EBK1327P	TEA220M2EBK-1327P	22	13x21	126			
140-TEA330M2EBK1628P	TEA330M2EBK-1628P	33	16x27	178			
140-TEA101M2EBK1842P	TEA101M2EBK-1842P	100	18x42	391			
350Volt (400V Surge)							
140-TEA220M2VBK1327P	TEA220M2VBK-1327P	22	13x32	132			
140-TEA330M2VBK1632P	TEA330M2VBK-1632P	33	16x32	186			
140-TEA470M2VBK1640P	TEA470M2VBK-1640P	47	16x40	253			
140-TEA101M2VBK2042P	TEA101M2VBK-2042P	100	20x42	402			
450Volt (500V Surge)							
140-TEA100M2WBK1327P	TEA100M2WBK-1327P	10	13x27	82			
140-TEA220M2WBK1636P	TEA220M2WBK-1636P	22	16x36	143			
140-TEA330M2WBK1640P	TEA330M2WBK-1640P	33	16x40	201			
140-TEA470M2WBK1836P	TEA470M2WBK-1836P	47	18x36	339			
140-TEA101M2WBK2552P	TEA101M2WBK-2552P	100	25x52	448			