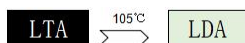


Snap-in capacitor



LTA Series 85°C 3000 hours



- Rohs requirements.
- 85°C 3000 hours low temperature products.
- Used for industrial power supplies, inverters and other industrial products.

Product description

Item	Characteristic	
Operating temperature range	-40°C ~ +85°C	
Rated voltage(WV/V)	500V	
Capacitance(CAP/C)	180~1500	
Tolerance(CAP/C)	±20% (25°C, 120Hz)	
Leakage current LC/I(25°C, 120Hz)	LC≤0.01CV(μA) or 1.5mA,take the smaller value (25°C,5minutes)C=Nominal capacitance(μF),V=Working voltage(V)	
Dissipation factor DF/tanδ(25°C, 120Hz)	UR(V)	500V
	DF	0.15
Temperature characteristics (Impedance ratio at 120Hz)	UR(V)	500
	Z(-25°C/Z(+25°C)	8
	Z(-40°C/Z(+25°C)	16
Temperature characteristics (Capacitance ratio at 120Hz)	C(-40°C/C(+25°C)≥0.6	
	C(-25°C/C(+25°C)≥0.7	

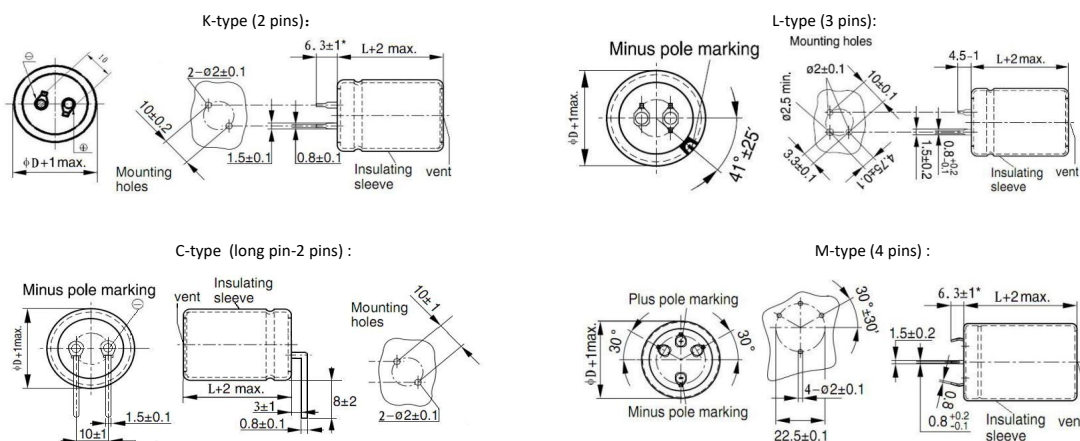
Load Time	Working lifetime		Standard lifetime	Durability	High temperature storage	
	5000h	>20000h	3000h	3000h	1000h	
Leakage current LC/I(25°C, 120Hz)	Within the rated specification value.		Within the rated specification value.	Within the rated specification value.	Within the rated specification value.	
Capacitance change	Within ±30% of initial value		Within ±20% of initial value	Within ±20% of initial value	Within ±20% of initial value	
Dissipation factor	Within 300% of rated specification value		Within 200% of rated specification value	Within 200% of rated specification value	Within 200% of rated specification value	
Environmental Condition: Applied Voltage Applied Current Application Temperature	UR	UR	UR	UR	UR=0	Apply rated working voltage for 30 minutes, and conduct the test after 24-hour recovery.
	IR	1.2×IR	IR	IR=0	IR=0	
	85°C	40°C	85°C	85°C	85°C	

Ripple current correction factor

Temperature°C	40	55	70	85	Frequency	50/60Hz	120Hz	300Hz	1KHz	≥10KHz
	Coefficient	1.7	1.5	1.3		1.0	Coefficient	0.80	1.00	1.16

Aluminum electrolytic capacitors age as they heat up and temperature rises when ripple current is superimposed. Using at higher temperatures will reduce product life. To maintain product life, please reduce ripple current during use.

Outline drawing Unit: Mm



■ LTA series:85°C 3000 hour,low temperature products

WV	CAP 25°C, 120Hz	DF 25°C, 120Hz	Max ESR 25°C, 120Hz	ESR (typ.) 25°C, 120Hz	Rated Ripple Current 85°C, 120Hz	Size ΦD×L	Code P/N
(V.DC)	(μF)	-	(mΩ)	(mΩ)	(Arms)	(mm)	-
500 2H(550)	180	0.15	1100	620	1.15	30 x 45	LTA2H181MR045**
	220	0.15	900	510	1.3	30 x 50	LTA2H221MR050**
	270	0.15	730	410	1.55	30 x 60	LTA2H271MR060**
		0.15	730	410	1.55	35 x 45	LTA2H271MS045**
	330	0.15	600	340	1.75	30 x 70	LTA2H331MR070**
		0.15	600	340	1.75	35 x 50	LTA2H331MS050**
		0.15	600	340	1.75	40 x 45	LTA2H331MB045**
	390	0.15	510	280	1.95	30 x 85	LTA2H391MR085**
		0.15	510	280	1.95	35 x 60	LTA2H391MS060**
		0.15	510	280	1.95	40 x 55	LTA2H391MB055**
	470	0.15	420	240	2.15	35 x 70	LTA2H471MS070**
		0.15	420	240	2.15	40 x 60	LTA2H471MB060**
		0.15	420	240	2.15	45 x 50	LTA2H471MV050**
	560	0.15	350	200	2.4	35 x 80	LTA2H561MS080**
		0.15	350	200	2.4	40 x 70	LTA2H561MB070**
		0.15	350	200	2.4	45 x 55	LTA2H561MV055**
	680	0.15	290	160	2.72	35 x 95	LTA2H681MS095**
		0.15	290	160	2.72	40 x 80	LTA2H681MB080**
		0.15	290	160	2.72	45 x 65	LTA2H681MV065**
	820	0.15	240	130	3.05	40 x 100	LTA2H821MB100**
		0.15	240	130	3.05	45 x 75	LTA2H821MV075**
	1000	0.15	190	110	3.2	45 x 90	LTA2H102MV090**
		0.15	190	110	3.2	50 x 75	LTA2H102MJ075**
	1200	0.15	160	90	3.35	45 x 105	LTA2H122MV105**
0.15		160	90	3.35	50 x 85	LTA2H102MJ085**	
1500	0.15	130	75	3.5	50 x 100	LTA2H152MJ100**	

**** Indicates terminal type, length, and sleeve color.

If you need to know more about product specifications, sizes and other relevant data, if not fully listed, you can contact through phone, wechat and other tools to understand.

The content recorded in the catalog book may be changed without notification.

Your company is requested to require us to provide specifications when purchasing and using, and use it as the standard.