LA

Series

- Low leakage current series with 7mm height
- Load life of 1000 hours at 105°C

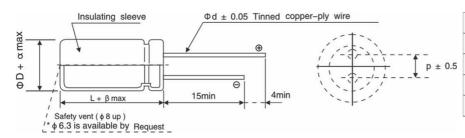


■SPECIFICATIONS

Item	Characteristics												
Category Temperature Range	-40 ~ +105℃												
Voltage Range	6.3 ~ 63V.DC												
Nominal Cap. Range	0.1 ~ 100μF												
Capacitance Tolerance	± 20 % (at 120Hz , 20°C)												
Leakage Current	I=0.002CV or 0.4 (μA) , whichever is greater (After 2 minutes). where, I: max.leakage current (μA), C:Nominal capacitance (μF), V:Rated voltage (V) (at 20 $^{\circ}$ C)												
Dissipation Factor (MAX)	WV	6.3	10	16	25	35	40	50	63	1			
(tanδ) (at 120Hz , 20℃)	tanδ	0.24	0.20	0.16	0.14	0.12	0.12	0.10	0.10				
Low Temp.Impedance	WV		6.3	10	16~25	35~63							
Stability at 120Hz	Z-25°C /	4	3	2	2								
	Z-40°C /	8	6	4	3								
	After applying rated voltage for 1000 hours at 105°C, the capacitor shall meet the following requirements.												
l ₌ .	Capacitan	ce change)	≤ ±20% of the initial value									
Endurance	Dissipatio	n Factor		≤ 200% of the initial specified									
	Leakage Current ≤ the initial specified value												
Shelf Life	After storage for 500 hours at 105°C with no voltage applied, voltage treatment of JIS-C-5102 article 4-4 is to be given and then measurement shall be made, at which time requirements specified in the table												
Onon End	"High Ten	nperature I	Loading" (can be me	t.		·		•				

Note: Some cleaning solvents may adversely affect the capacitors, Consult us about the suitable type of cleaning solvents to be used.

■ DRAWING



Unit: (mr	n)		
ФD	4	5	6.3
Р	1.5	2.0	2.5
Фd		0.45	.
β		1.0	
α		0.5	

■ MULTIPLIER FOR RIPPLE CURRENT

(1) Frequency Coefficient

(2) Temperature Coefficien

Freq.(Hz)	60(50)	120	1K	10K	Ambient Temperature(°ℂ)	40	60	75	85	105
0.1~47	0.80	1.00	1.30	1.45	Coefficient	2.40	2.10	1.78	1.65	1.00
68~100	0.80	1 00	1 20	1 35		L		L	L	I

LA

Series

ISTANDARD RATINGS

WV(vdc) 6.3		6.3	10			16		25		35		40		50		63	
Parameter	ФDxL	Ripple Current (mArms)															
Cap.(μF)	(mm)	105℃ 120Hz															
0.1													4x7	4.4	4x7	4.4	
0.15													4x7	5.5	4x7	5.4	
0.22													4x7	6.6	4x7	6.6	
0.33													4x7	8.0	4x7	8.0	
0.47													4x7	9.6	4x7	9.6	
0.68													4x7	11	4x7	11	
1.0													4x7	14	4x7	14	
1.5													4x7	17	4x7	17	
2.2													4x7	21	4x7	21	
3.3													4x7	26	5x7	29	
4.7									4x7	28	4x7	28	5x7	35	6.3x7	40	
6.8							4x7	31	5x7	39	5x7	39	5x7	42	6.3x7	48	
10					4x7	35	5x7	43	5x7	47	5x7	47	6.3x7	59			
15			4x7	38	5x7	49	5x7	53	6.3x7	66	6.3x7	66	6.3x7	72			
22	4x7	43	5x7	53	5x7	60	6.3x7	74	6.3x7	79	6.3x7	79					
33	5x7	60	5x7	66	6.3x7	84	6.3x7	90									
47	5x7	71	6.3x7	90	6.3x7	101											
68	6.3x7	99	6.3x7	109													
100	6.3x7	120															