



LZ Small size, Low leakage current

☆ After placed no-load condition under high temperature, or long storage period under normal temperature, the series can still keep good low leakage current.

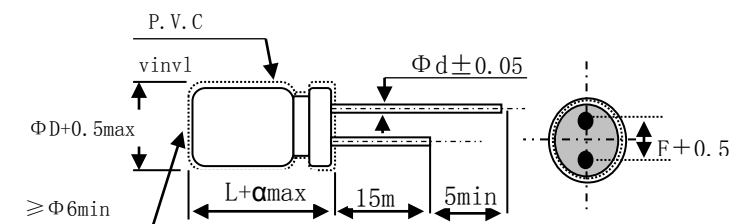
☆ LX series is fit for those electronic products which require high temperature. Suitable for Hi-Fi pre-amplifiers and TV oscillation loop circuits. Precise gauge

■ Specifications

Operating temperature range	-40~+105°C							
Rated voltage range	6.3~63V DC							
Nominal capacitance range	0.1~220μF							
Capacitance tolerance	±20% (25°C, 120Hz)							
Leakage current	1 ≤ 0.002C _R U _R (μA) 或 0.4μA, 取大值 (2分钟) Whichever is greater (2minutes)							
tg δ	U _R (V)	6.3	10	16	25	35	50	63
	tg δ	0.24	0.20	0.16	0.14	0.12	0.10	0.09
Dissipation factor (25°C, 120Hz)	0.02 is added to every 1000μF increase over 1000μF							
Temperature characteristics (120HZ)	U _R (V)	6.3	10	16	25	35	50	63
	Z-40°C / Z+20°C	7	5	5	4	4	4	4
	1 is added to every 1000μF increase over 1000μF							
Load life	After applying rated voltage with specified ripple current for 1000hours at +105°C and then resumed 16hours;							
	Capacitance change : Within ±20% of the initial measured value							
	Leakage current: Not more than the initial specified value							
	Dissipation factor: Not more than 150% of the initial specified value							
Shelf life	After storage for 1000hours at +105°C then resumed 16hours;							
	Capacitance change : With ±20% of the initial measured value							
	Leakage current: Not more than 200% of the initial specified value							
	Dissipation factor : Not more than 120% of the initial specified value							

■ Case size table

Unit: (mm)



ΦD	4	5	6/6.3	8
F	1.5	2.0	2.5	3.5
Φd	0.45	0.5	0.5	0.5



ALUMINUM ELECTROLYTIC CAPACITOR

LZ

Dimensions

Ripple Current at 120Hz, 105°C (mA most)

		6.3 (0J)		10 (1A)		16 (1C)		25 (1E)		35 (1V)	
		D×L (mm)	Ripple (mA)	Ripple (mA)	D×L (mm)	Ripple (mA)	D×L (mm)	Ripple (mA)	D×L (mm)	Ripple (mA)	D×L (mm)
C_R (μF)	code										
4.7	4R7									4*7	25
10	100			4*7	25	4*7	30	4*7	30	5*7	35
22	220	4*7	35	4*7	40	4*7	45	5*7	55	6*7	55
33	330	4*7	45	5*7	50	5*7	60	5*7	65	6.3*7	70
47	470	4*7	50	6*7	60	6*7	65	6.3*7	80		
100	101	5*7	80	6*7	90	6*7	95				
220	221	6.3*7	135	8*7	145						

		50 (0J)		63 (1A)	
		D×L (mm)	Ripple (mA)	Ripple (mA)	D×L (mm)
C_R (μF)	code				
0.1	0R1	4*7	5	4*7	5
0.22	R22	4*7	5	4*7	5
0.33	R33	4*7	5	4*7	5
0.47	R47	4*7	5	4*7	10
1	010	4*7	15	4*7	15
2.2	2R2	4*7	20	4*7	25
3.3	3R3	4*7	25	5*7	30
4.7	4R7	5*7	30	6*7	35
10	100	6.3*7	45		