

LZ Series

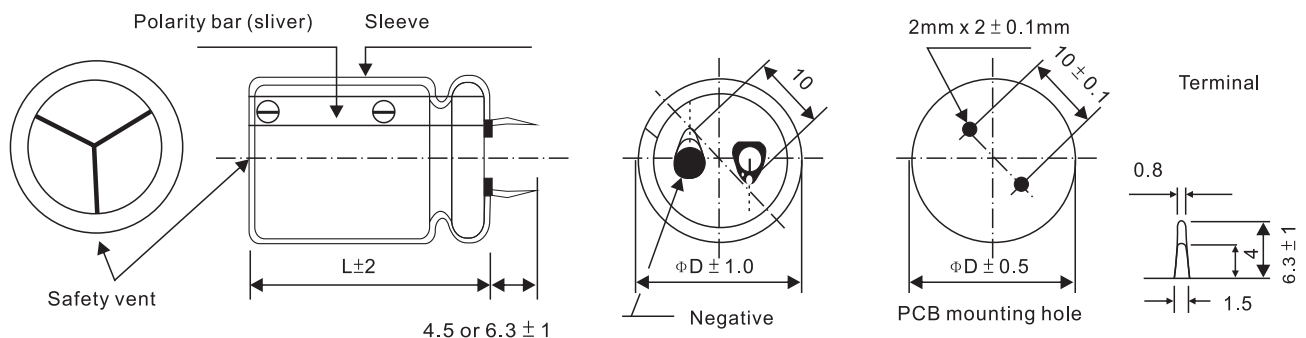
- Standard series General purples
- Endurance: 105°C 5000 hours (紋波疊加)
- ROHS Compliance



● SPECIFICATIONS

Items	Characteristics					
Category Temperature Range	- 25 to +105°C					
Rated Voltage Range	200 to 450 Vdc					
Capacitance Tolerance	± 20% (M) (at 20°C ,120Hz)					
Leakage Current	I=0.02CV, (3mA max)whichever is greater. (at 20°C, after 2 minutes) Where, I :Max. Leakage current (µA). C : Nominal capacitance (µF) .V :Rated voltage(V)					
Dissipation Factor (tan δ)	Rated voltage (Vdc)	200	250	350	400	450
	tan δ (Max.)	0.15	0.15	0.15	0.15	0.15
(at 20°C ,120Hz)						
Low Temperature Characteristics (at 120Hz)	Impedance ration max at 120Hz					
	Rated Voltage	200	250	350	400	450
	Z-25°C/ Z+20°C	4	4	4	8	8
Load. Life	The following specifications shall be satisfied when the capacitors are restored to 20°C after the voltage is applied for 5000 hours at 105°C					
	Capacitance change	≤ ±25% of the initial value				
	DF (tan δ)	≤ 250 % of the initial specified value				
	Leakage current	≤ The initial specified value				
Shelf Life	The following specifications shall be satisfied when the capacitors are restored to 20°C after exposing for 1000 hours at 105°C without voltage applied.					
	Capacitance change	≤ ±20% of the initial value				
	DF (tan δ)	≤ 200 % of the initial specified value				
	Leakage current	≤ The initial specified value				

● Diagram: (Unit: mm)





Vdc μF	200v								250v							
	22 φ		25 φ		30 φ		35 φ		22 φ		25 φ		30 φ		35 φ	
220	22*25	0.72							22*35	0.75	25*25	0.75				
270	22*30	0.81	25*25	0.81					22*40	0.85	25*30	0.83	30*25	0.85		
330	22*35	0.92	25*30	0.92	30*20	0.87			22*45	0.96	25*35	0.96	30*30	0.96		
390	22*40	1.02	25*30	1.01	30*25	1.01			22*50	1.08	25*40	1.07	30*30	1.07		
470	22*50	1.17	25*35	1.15	30*30	1.15					25*50	1.22	30*35	1.19	35*30	1.22
560			25*45	1.28	30*35	1.30							30*40	1.35	35*35	1.36
680			25*50	1.48	30*40	1.49	35*30	1.47					30*50	1.58	35*40	1.57
820					30*45	1.67	35*35	1.65							35*45	1.75
1000					30*50	1.91	35*40	1.90							35*50	2.02
1200							35*50	2.21								

Vdc μF	350v								400v							
	22 φ		25 φ		30 φ		35 φ		22 φ		25 φ		30 φ		35 φ	
68	22*25	0.39							22*25	0.44						
82	22*30	0.49							22*35	0.50	25*25	0.50				
100	22*35	0.55	25*25	0.49					22*35	0.56	25*30	0.50	30*25	0.51		
120	22*40	0.63	25*30	0.55					22*40	0.57	25*35	0.58	30*25	0.59		
150	22*45	0.63	25*35	0.60	30*25	0.60			22*40	0.67	25*40	0.66	30*30	0.65		
180	22*50	0.73	25*40	0.72	30*30	0.71					25*45	0.75	30*35	0.74	35*30	0.83
220			25*50	0.93	30*35	0.82	35*30	0.83			25*50	0.84	30*40	0.84	35*35	0.94
270					30*40	0.94	35*35	1.04					30*50	1.10	35*40	1.09
330					30*45	1.19	35*40	1.20							35*45	1.24
390							35*45	1.22							35*50	1.26
470							35*50	1.38								

Vdc dc μF	450v							
	22 φ		25 φ		30 φ		35 φ	
47	22*30	0.41						
56	22*30	0.44						
68	22*35	0.50	25*25	0.47				
82	22*40	0.56	25*30	0.54				
100	22*45	0.63	25*30	0.55	30*25	0.57		
120	22*50	0.72	25*35	0.63	30*30	0.64		
150			25*40	0.71	30*30	0.71	35*30	0.83
180			25*45	0.71	30*35	0.81	35*35	0.90
220			25*50	0.91	30*40	0.92	35*40	1.05
270					30*45	1.05	35*45	1.23
330							35*50	1.39

Max ripple current : Arms/120Hz 105°C Size: D φ x L (mm)

● Ripple Current / Frequency Multiplier

Frequency	60	120	300	1k	10k up
Multipliers	0.8	1.0	1.1	1.3	1.4

● Temperature coefficient

Temperature (°C)	~55	60	70	85	105
Factor	2.23	2.27	2.0	1.75	1.00

Chip Type SMD
Miniature Type
General Purpose
High Frequency Low Impedance
High Voltage High Reliability
Non-polar Type
Large Size Snap-In
Large Size Screw
X Metallized Polypropylene Film Capacitors