



LH Series

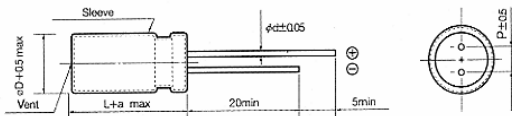
Specifications

- Features**
 - Lifetime: 125°C, 1000 hrs
 - Wide temperature range for LZ
 - Low ESR
 - Low Impedance
- Recommended Applications**
 - AV(TV, Video, Audio)
 - Monitor/Computer
 - OA/HA/Communication
 - Converter/Inverter
 - Adapter
 - SMPS



Items	Characteristics				
Capacitance Tolerance	±20% (M) (120Hz, 20°C)				
Rated Voltage Range (WV)	6.3~25 VDC				
Operating Temperature Range	-55 ~ +125°C				
Surge Voltage (V) (20°C)	WV	6.3	10	16	25
	SV	8	13	20	32
Leakage Current (Max)	I ≤ 0.01CV or 3 μA whichever is greater (After rated voltage applied for 2 minutes)				
	I = Leakage Current (μA) C = Nominal Capacitance (μF) V = Rated Voltage (V) (20°C)				
Dissipation Factor (Max) (tan δ) (120Hz, 20°C)	WV	6.3	10	16	25
	tan δ	0.22	0.19	0.16	0.14
When nominal capacitance is over 1000 μF, tan δ shall be added 0.02 to the listed value with increase of every 1000 μF.					
Low Temperature Stability Impedance Ratio (Max)	Z (120Hz)	6.3	10	16	25
	Z(-55°C) / Z(20°C)	4	3	3	3
Load Life	After applying rated voltage for 1000 hours at 125°C, the capacitor shall meet the following requirement.				
	Capacitance Change	Within ±20% of the initial value			
	Dissipation Factor	Not more than 200% of the specified value			
Shelf Life	After placed at 125°C without voltage applied for 500 hours, the capacitor shall meet the same requirement as load life.				
	Others	Satisfied JIS C-5141			

Dimensions (mm)



φ D	10	13	16
P	5.0	5.0	7.5
φ d	0.6	0.6	0.8
a	1.0	2.0	2.0

Multiplier for Ripple Current

Frequency coefficient

Freq. (Hz)	50	120	1K	10K	100K
Cap (μF)					
470~1000	0.65	0.75	0.90	0.98	1.00
1200~10000	0.75	0.80	0.95	1.00	1.00

Temperature coefficient

Ambient Temperature (°C)	≤ 70	85	105	125
Coefficient	1.90	1.75	1.40	1.00

