



LH Snap-in terminal type, Wide temperature Standard.

☆ Withstand high ripple current.

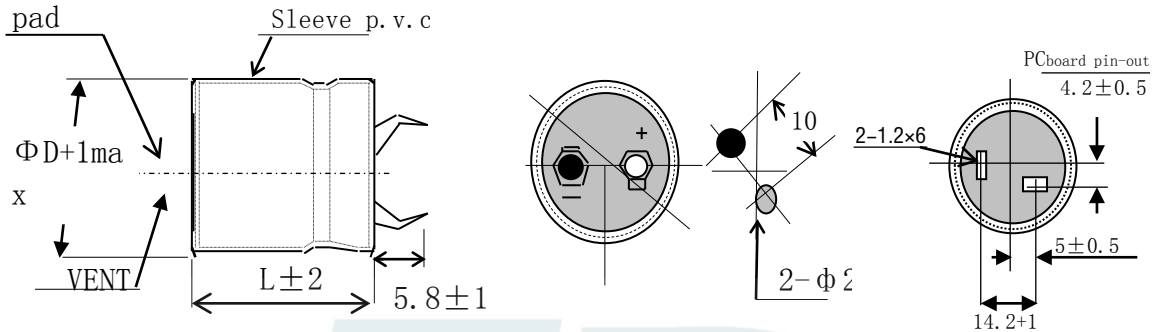
☆ Suitable for filter of consumer electronic products, such as TV sets, power supplies and power stereos, etc.

■ Specifications

Operating temperature range	-40~+105°C (10~250V) ; -25~+105°C (315~450V)								
Rated voltage range	10~450 V DC								
Nominal capacitance range	22~47000μF								
Capacitance tolerance	±20% (25°C, 120Hz)								
Leakage current	$I \leq \sqrt[3]{CV}$ (μA) Whichever is greater (5minutes)								
tgδ Dissipation factor (25°C, 120HZ)	U _R (V)	10	16~25	35~63	80~100	160~250	300~450		
	C _R (μF)	22000	4700	22000	2200	10000	1000	100	22
		~47000	~10000	~47000	~6800	~22000	~6800	~1000	~470
tg δ (Max)	0.5	0.35	0.4	0.28	0.33	0.22	0.22	0.22	
Temperature characteristics(120Hz)	U _R (V)	10~160		200~450					
	Z-25°C / Z+20°C	4		7					
Load life	<p>After applying rated voltage with specified ripple current for 1500hours at +105°C and then resumed 16hours;</p> <p>Capacitance change : Within ±20% of the initial measured value</p> <p>Leakage current : Not more than the initial specified value</p> <p>Dissipation factor: Not more than 200% of the initial specified value</p>								
Shelf life	<p>After storage for 1000hours at +105°C then resumed 16hours;</p> <p>Capacitance change : With ±15% of the initial measured value</p> <p>Leakage current: : Not more than 200% of the initial specified value</p> <p>Dissipation factor: Not more than 150% of the initial specified value</p>								

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Case size table

Nominal capacitance, rated voltage, rated ripple current and case size table

U_R (V)		10 (1A)		16 (1C)		25 (1E)		35 (1V)		50 (1H)		63 (1J)		100 (2A)	
		D×L	Ripple	D×L	Ripple	D×L	Ripple	D×L	Ripple	D×L	Ripple	D×L	Ripple	D×L	Ripple
C_R (μF)	Code	(mm)	(A)	(mm)	(A)	(mm)	(A)	(mm)	(A)	(mm)	(A)	(mm)	(A)	(mm)	(A)
1000	102													25×40	1.22
1500	152													30×40	1.62
2200	222									22×35	1.3	25×40	1.32	35×50	1.88
3300	332							22×30	1.2	22×40	1.7	25×50	1.8		
4700	472					22×30	1.28	22×40	1.65	25×45	2.1	30×50	2.05		
6800	682			22×30	1.25	22×40	1.76	25×40	1.82	30×50	2.5				
10000	103			22×35	1.8	25×40	1.95	30×50	2.65	35×50	2.85				
15000	153			25×40	2.35	25×40	2.75								
22000	683	22×50	2.9	25×50	2.95	30×50	3.6								
33000	333	25×50	3.6	30×50	3.85										
47000	473	30×40	4.05												

U_R (V)		160 (2C)		200 (2D)		250 (2E)		300 (2F)		350 (2V)		400 (2G)		450 (2W)	
		D×L	Ripple	D×L	Ripple	D×L	Ripple	D×L	Ripple	D×L	Ripple	D×L	Ripple	D×L	Ripple
C_R (μF)	Code	(mm)	(A)	(mm)	(A)	(mm)	(A)	(mm)	(A)	(mm)	(A)	(mm)	(A)	(mm)	(A)
22	220											22×25	0.21	22×30	0.22
33	330											22×25	0.25	22×30	0.27
47	470							22×25	0.38	22×25	0.41	22×25	0.42	22×30	0.46
68	680							22×30	0.41	22×30	0.43	22×35	0.44	22×40	0.50
100	101			22×30	0.35	22×35	0.40	22×35	0.43	22×35	0.48	22×40	0.51	22×50	0.52
150	151			22×30	0.48	22×40	0.50	22×40	0.59	22×50	0.62	22×50	0.74	25×50	0.75
220	221	22×30	0.58	22×35	0.63	25×40	0.70	25×40	0.79	25×50	0.82	30×50	0.92	35×40	0.98
330	331	22×40	0.75	22×40	0.78	30×50	0.85	30×50	0.94	35×50	0.96	35×50	1.03	35×50	1.05
470	471	25×45	0.85	22×50	0.95	35×50	1.00	35×50	1.05						
680	681	25×50	1.10	30×50	1.15										
1000	102	35×50	1.45												

Maximum Allowable Ripple Current (A rms) at 105°C 120Hz