



**WT** Lug, standard

☆ Withstand high ripple current.

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

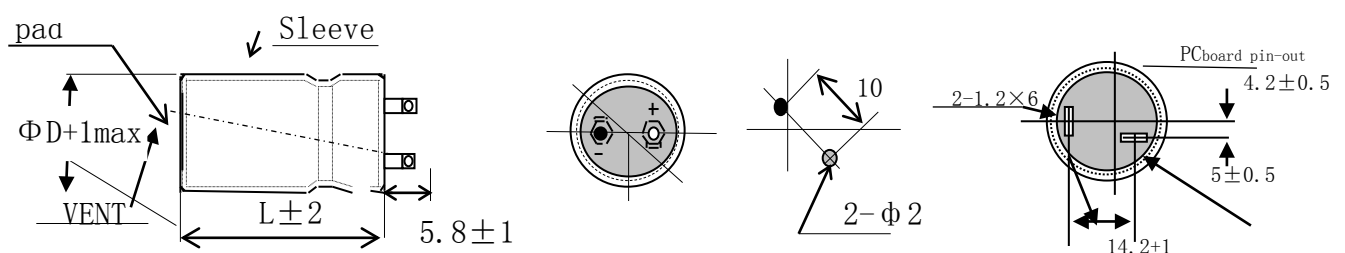
■ Specifications

Operating temperature range	-40~+85°C (10~100V)					-25~+85°C (160~450V)										
Rated voltage range	10~450 V DC															
Nominal capacitance range	22~47000μF															
Capacitance tolerance	(25°C,120Hz) ±20%															
Leakage current	$I \leq \sqrt{3 C_R U_R}$ (μA) 5分钟 ( 5minutes )					Whichever is greater ( 5minutes )										
Tg δ	U <sub>R</sub> (V)	10	16~25			35~63		80~100		160~250		300~450				
Dissipation factor (25°C,120HZ)	C <sub>R</sub> (μF)	22000	4700	15000	1000	10000	330	6800	100	22						
		47000	10000	33000	6800	33000	4700	22000	2200	1000						
Temperature characteristics (120HZ)	UR (V)	10	16	25	35	50	63	80	100	160	200	250	300	350	400	450
	Z-25°C / Z+20°C	4					3					7				
	Z-40°C / Z+20°C	14					—					—				
Load life	After applying rated voltage with specified ripple current for 2000hours at +85°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 500hours at +85°C then resumed 16hours;															
	Capacitance change : With ±15% 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	22	24	26	30	34	42	50
F	8.4		11.5		14.5		20.5





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

C <sub>R</sub> (μF)	U <sub>R</sub> (V)	Item Code	10 (1A)		16 (1C)		25 (1E)		35 (1V)		50 (1H)		63 (1J)		80 (1K)		100 (2A)			
			D×L	Ripple	D×L	Ripple	D×L	Ripple	D×L	Ripple	D×L	Ripple	D×L	Ripple	D×L	Ripple	D×L	Ripple	D×L	Ripple
			(mm)	(A)	(mm)	(A)	(mm)	(A)	(mm)	(A)	(mm)	(A)	(mm)	(A)	(mm)	(A)	(mm)	(A)	(mm)	(A)
470	471																	22×25	1.20	
680	681															22×25	1.02	22×35 24×30	1.30	
1000	102												22×25	0.93	22×30	1.15	22×40 24×35	1.60		
1500	152											22×35 24×30	1.30	22×40 24×35	1.78	24×50 30×40	2.0			
2200	222									22×25	1.60	22×40 24×35	1.70	22×50 24×40	2.12	26×50 34×40	2.53			
3300	332							22×25	1.48	22×35 24×30	2.00	24×40 26×35	2.20	26×50 30×40	2.83	30×60 34×50	3.40			
4700	472					22×25	1.50	22×35	2.20	24×40 26×35	2.40	26×50 30×40	2.80	30×50 34×40	3.52	30×80 34×70	4.30			
6800	682			22×25	1.62	22×35 24×30	2.40	22×50 24×40	2.60	26×50 30×40	3.10	30×50 34×45	3.50	30×70 34×60	4.41	34×100 42×80	4.90			
10000	103			24×35 22×30	2.60	22×40 24×35	2.70	24×50 30×40	3.50	30×50 34×45	3.90	30×70 34×60	4.40	34×70	5.32	50×80	5.40			
15000	153			22×40 24×35	3.20	26×50 30×40	3.80	30×50 34×40	4.30	30×70 34×60	5.30	34×80	5.60	42×80	5.91					
22000	223		22×40 24×35	3.50	24×50 26×40	4.20	30×50 34×40	4.80	30×60 34×50	5.30	34×70	5.60	34×100 42×80	5.90	50×80	6.01				
33000	333		22×50 24×40	4.60	30×45 34×40	5.20	30×55 34×50	5.40												
47000	473		24×50 26×45	5.20	34×50 30×60	6.10														

C <sub>R</sub> (μF)	U <sub>R</sub> (V)	Item Code	16 (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	
			(mm)	(A)	(mm)	(A)	(mm)	(A)	(mm)	(A)	(mm)	(A)	(mm)	(A)	(mm)	(A)	
33	330												22×25	0.33	22×25	0.34	
47	470								22×25	0.53	22×25	0.56	22×25	0.62	22×30	0.67	
68	680								22×25	0.62	22×25	0.67	22×30	0.71	22×35 24×30	0.79	
100	101					22×25	0.69	22×30	0.71	22×30	0.74	22×30	0.78	22×35 24×30	0.81	22×40 24×35	0.85
150	151					22×25	0.84	22×35	0.85	22×35 24×30	0.88	22×40 24×35	0.91	22×50 24×40	0.95	26×50 30×40	0.99
220	221			22×25	0.95	22×30	0.96	24×40 26×35	1.01	24×40 26×35	1.10	22×50 26×40	1.13	26×50 30×40	1.18	30×50 34×40	1.24
330	331			22×35	1.12	22×35	1.13	26×50 30×40	1.15	26×50 30×40	1.19	30×50 34×40	1.21	30×60 34×50	1.23	30×70 34×50	1.25
470	471			22×40 24×30	1.38	22×40 24×35	1.40	30×50 34×45	1.45	30×60 34×50	1.47	30×70 34×60	1.54	30×70 34×60	1.63	30×80 34×70	1.71
680	681			26×50 30×40	1.73	26×50 30×40	1.74	30×60 34×50	1.75	30×70 34×60	1.78	30×80 34×70	1.79	34×80	2.21	34×80	2.34
1000	102			30×60 34×50	2.18	30×60 34×50	2.40	30×70 34×60	2.60	34×80	2.83	34×100	2.88				
1500	152			30×70 34×60	2.97	30×80 34×70	3.10										
2200	222			34×80	3.83	34×80	3.80										