

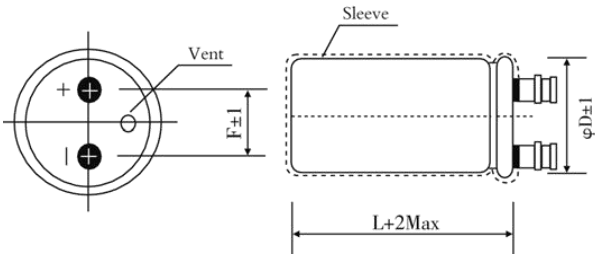
Features

- ◎ 5000h at +85℃, 螺栓型, Screw Terminal Type
- ◎ 长寿命, 高纹波电流 Long life, High ripple current
- ◎ 低阻抗 Low impedance

Specifications

Item	Characteristics								
使用温度范围 Operating Temperature Range(℃)	-40 ~ +85								
额定电压 Rated Voltage (V)	10 ~ 100								
标称容量 Nominal capacitance (μF)	1,000 ~ 220,000								
容量偏差 Capacitance Tolerance(20℃,120Hz)	±20%								
漏电流 Leakage current (μA)	I≤0.006CV+4mA or 5mA, which is smaller. (at 20℃ ,after 5 minutes)								
损耗角正切值 Dissipation Factor(20℃,120Hz)	WV(V)		10	16	25	35~63	80	100	
	tanδ	D=35	0.5	0.4	0.3	0.25	0.2	0.15	
		D=50	0.75	0.5	0.4	0.3	0.25	0.2	
		D=65	1	0.75	0.4	0.35	0.3	0.25	
		D=76	1.5	1	0.75	0.5	0.4	0.35	
耐久性 Load Life(+85℃)	时间 time			5000 小时 5000 hours					
	容量变化率 Capacitance change			±20%初始测量值以内 Within±20% of the initial value					
	漏电流 Leakage current			≤初始规定值 Not more than the Initial specified value					
	损耗角正切值 Dissipation factor			≤200%初始规定值 Not more than 200% of the Initial specified value					
高温贮存 Shelf Life(+85℃)	时间 time			500 小时 500 hours					
	容量变化率 Capacitance change			±20%初始测量值以内 Within±20% of the initial value					
	漏电流 Leakage current			≤初始规定值 Not more than the Initial specified value					
	损耗角正切值 Dissipation factor			≤200%初始规定值 Not more than 200% of the Initial specified value					
	试验后：施加标称电压 30 分钟，于 24 至 48 小时之间测试。 After test: UR to be applied for 30 minutes, 24 to 48 hours before measurement.								

Dimensions mm



D	36	51	65	77	90	101
F	12.7	22	28.2	31.4	31.4	41.5

Frequency Coefficient

Frequency(Hz)	50	100	400	1k	20k
Coefficient	0.70	1.00	1.08	1.10	1.15

Standard Ratings

WV(V)	10			16			25		
Cap (μF)	Size	Impedance	Ripple	Size	Impedance	Ripple	Size	Impedance	Ripple
	ΦDxL(mm)	Z(mΩ)	(A)	ΦDxL(mm)	Z(mΩ)	(A)	ΦDxL(mm)	Z(mΩ)	(A)
1000	-	-	-	-	-	-	-	-	-
1500	-	-	-	-	-	-	-	-	-
2200	-	-	-	-	-	-	-	-	-
3300	-	-	-	-	-	-	-	-	-
4700	-	-	-	-	-	-	36x60	23	5.2
6800	-	-	-	-	-	-	36x60	21	5.2
10000	-	-	-	36x60	20	6	36x80	15	6.7
15000	36x60	20	6	36x80	14	7.5	36x100	11	9.7
22000	36x80	14	7.5	36x100	10	10	51x80	9.5	12.5
33000	36x100	10	10	51x80	9.5	13	51x100	8	18
47000	51x80	9.5	14	51x100	8	18	65X100	5	27
68000	51x100	8	18	65X100	5	28	65X100	5	27
100000	65X100	5	30	65X100	5	28	77x100	4	37
150000	65X100	5	30	77x100	4	37	-	-	-
220000	77x100	4	37	-	-	-	-	-	-

WV(V)	50			63			100		
Cap(μF)	Size	Impedance	Ripple	Size	Impedance	Ripple	Size	Impedance	Ripple
	ΦDxL(mm)	Z(mΩ)	(A)	ΦDxL(mm)	Z(mΩ)	(A)	ΦDxL(mm)	Z(mΩ)	(A)
1000	-	-	-	-	-	-	36x60	67	3.0
1500	-	-	-	-	-	-	36x60	60	3.3
2200	-	-	-	36x60	33	3.7	36x80	42	4.6
3300	36x60	32	4.5	36x60	30	3.7	36x100	28	6.5
4700	36x60	33	4.5	36x80	21	5.2	51x80	25	7.4
6800	36x80	23	6	36x100	15	7.5	51x100	18	9.9
10000	36x100	17	7.5	51x80	14	9.5	65X100	11	15.0
15000	51x80	13	10	51x100	10.5	13.5	65X100	10	15.8
22000	51x100	10.5	15	65X100	6	21	77x100	8	20.5
33000	65X100	6	21	65X100	6	22	-	-	-
47000	65X100	6	22	77x100	4.5	30	-	-	-
68000	77x100	4.5	30	-	-	-	-	-	-

Ripple current: 85°C, 100Hz or 120Hz