

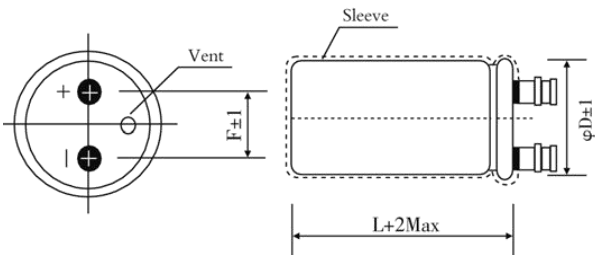
Features

- ◎ 5000h at +105℃, 螺栓型, Screw Terminal Type
- ◎ 宽温度, 长寿命 Wide temperature, Long life

Specifications

Item	Characteristics	
使用温度范围 Operating Temperature Range(℃)	-40 ~ +105	
额定电压 Rated Voltage (V)	350 ~ 500	
标称容量 Nominal capacitance (μF)	1,000 ~ 15,000	
容量偏差 Capacitance Tolerance(20℃,120Hz)	±20%	
漏电流 Leakage current (μA)	I≤0.01CV or 5mA, which is smaller. (at 20℃ ,after 5 minutes)	
损耗角正切值 Dissipation Factor(20℃,120Hz)	tanδ ≤ 0.15	
耐久性 Load Life(+105℃)	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(+105℃)	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)	50,60	120	300	1k	≥10k
Coefficient	0.70	1.00	1.10	1.30	1.40

Temperature Coefficient

Temperature(℃)	+70	+80	+105
Coefficient	21	1.7	1.0

Standard Ratings

WV(V)	350		400		450		500	
Cap(μF)	ΦDxL(mm)	Ripple(A)	ΦDxL(mm)	Ripple (A)	ΦDxL(mm)	Ripple (A)	ΦDxL(mm)	Ripple (A)
1000	51x80	3.9	51x80	3.9	51x100	4.2	51x100	4.2
1200	51x80	4.2	51x100	4.6	51X115	5.0	51X115	5
1500	51x100	5.2	51X115	5.6	51x120	5.9	51x120	5.9
1800	51x100	5.7	51x120	6.4	65x100	6.3	65x100	6.3
2200	51x120	7.1	65x100	6.9	65x120	7.4	65x120	7.4
2700	65x100	7.7	65x120	8.2	65x120	8.6	65x120	8.6
					77x120	8.7	77x120	8.7
3300	65x120	9.1	65x120	9.5	65X155	10.2	65X155	10.2
					77x120	10.1	77x120	10.1
3900	65x120	10.4	65X155	11.1	65X195	12.3	65X195	12.3
			77x120	10.4				
4700	65X155	12.2	65X196	13.4	77x145	12.9	77x145	12.9
	77x120	11.5	77x120	12.0				
5600	65X195	14.6	65X195	14.6	77X195	15.4	77X195	15.4
	77x120	13.1	77x145	14.0	90X157	14.9	90X157	14.9
6800	77x145	15.5	90X157	16.5	90X196	18.0	90X196	18
8200	90X157	18.1	90X157	18.1	90X196	19.8	90X196	19.8
10000	90X157	19.9	90X196	21.7	90X236	23.6	90X236	23.6
12000	90X196	23.8	90X236	25.8	-	-	-	-
15000	90X236	28.8	-	-	-	-	-	-

Ripple current: 105℃, 100Hz or 120Hz