

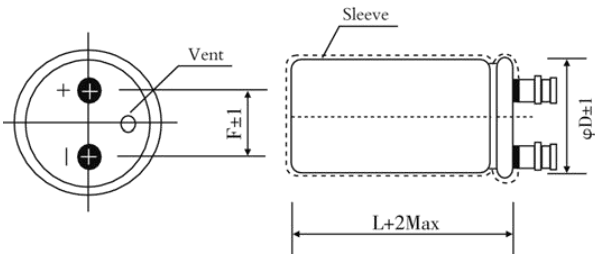
Features

- ◎ 10000h at +85℃, 螺栓型, Screw Terminal Type
- ◎ 大容量, 高纹波电流。Large capacitance, high ripple current.
- ◎ 适用于变频器, 开关电源等。Used in inverters and power supplies etc.

Specifications

Item	Characteristics	
使用温度范围 Operating Temperature Range(℃)	-40 ~ +85	
额定电压 Rated Voltage (V)	350 ~ 500	
标称容量 Nominal capacitance (μF)	1000 ~ 18000	
容量偏差 Capacitance Tolerance(20℃,120Hz)	±20%	
漏电流 Leakage current (μA)	$I \leq 0.01CV$ or 5mA, which is smaller. (at 20℃ ,after 5 minutes)	
损耗角正切值 Dissipation Factor(20℃,120Hz)	$\tan\delta \leq 0.15$	
耐久性 Load Life(+85℃)	时间 time	10000 小时 10000 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	1000 小时 1000 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(℃)	+40	+60	+85
Coefficient	1.89	1.67	1.00

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	5.0	51x80	5.0	51x80	5
1200	51x80	5.5	51x80	5.5	51x100	6.0	51x100	6
1500	51x80	6.1	51x100	6.7	51x120	7.2	51x120	7.2
1800	51x100	7.4	51x100	7.4	51x130	8.3	51x130	8.3
2200	51x100	8.2	51x120	9.2	65x100	9.0	65x100	9
2700	51x130	10.2	65x100	9.9	65x120	10.7	65x120	10.7
3300	51x130	11.3	65x120	11.8	65x120	12.4	65x120	12.4
3900	65x120	12.8	65x120	13.5	65x155	14.5	65x155	14.5
					77x120	13.6	77x120	13.6
4700	65x120	14.8	65x155	15.9	65x196	17.5	65x196	17.5
			77x120	14.9	77x120	15.6	77x120	15.6
5600	65x155	17.3	65x196	19.1	77x145	18.3	77x145	18.3
	77x120	16.3	77x120	17.0				
6800	65x196	21.1	77x145	20.2	90x157	21.4	90x157	21.4
	77x120	18.8						
8200	77x145	22.1	90x157	23.5	90x157	23.5	90x157	23.5
10000	90x157	25.9	90x157	25.9	90x196	28.3	90x196	28.3
12000	90x157	28.4	90x196	31.0	90x236	33.6	90x236	33.6
15000	90x196	34.6	90x236	37.5	-	-	-	-
18000	90x236	41.4	-	-	-	-	-	-

Ripple current: 85°C, 100Hz or 120Hz

