

Features

- ◎ 2000h at +105°C, 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.

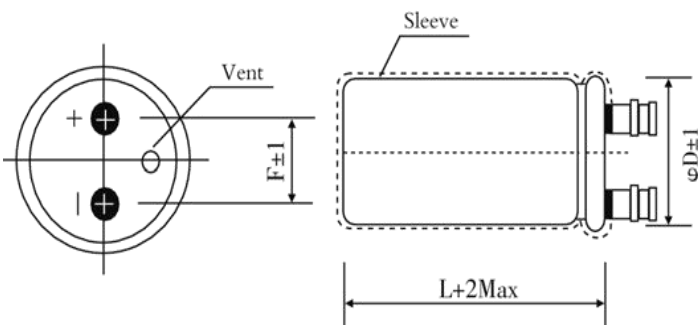


Specifications

Item	Characteristics	
使用温度范围 Operating Temperature Range(°C)	-25 ~ +105	
额定电压 Rated Voltage (V)	160 ~ 500	
标称容量 Nominal capacitance (μF)	270 ~ 39,000	
容量偏差 Capacitance Tolerance(20°C,120Hz)	±20%	
漏电流 Leakage current (μA)	I≤0.02CV or 5mA, which is smaller. (at 20°C ,after 5 minutes)	
损耗角正切值 Dissipation Factor(20°C,120Hz)	160~250 : tanδ ≤ 0.25	350~450 : tanδ ≤ 0.2
耐久性 Load Life(+105°C)	时间 time	2000小时2000 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°C)	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(°C)	+70	+85	+105
Coefficient	2.10	1.70	1.00

Standard Ratings

WV(V)	160		200		250		350		400		450		500	
Cap (μ F)	Φ DxL (mm)	Ripple (A)	Φ DxL (mm)	Ripple (A)	Φ DxL (mm)	Ripple (A)	Φ DxL (mm)	Ripple (A)	Φ DxL (mm)	Ripple (A)	Φ DxL (mm)	Ripple (A)	Φ DxL (mm)	Ripple (A)
270	-	-	-	-	-	-	-	-	-	-	36x53	3.7	36x53	3.7
330	-	-	-	-	-	-	-	-	36x53	4.1	36x83	4.9	36x83	4.9
389	-	-	-	-	-	-	36x53	4.5	36x83	5.3	36x83	4.3	36x83	4.3
470	-	-	-	-	-	-	36x83	5.8	36x83	5.8	36x83	5.6	36x83	5.6
560	-	-	-	-	-	-	36x83	6.4	36x100	6.4	36x100	6.9	36x100	6.9
680	-	-	-	-	-	-	36x83	7	36x100	7.6	36x100	7.6	36x100	7.6
820	-	-	-	-	-	-	36x100	8.3	36x100	8.3	51x80	8.6	51x80	8.6
1000	-	-	-	-	-	-	51x80	9.2	51x80	9.4	51x80	9.4	51x80	9.4
1200	-	-	-	-	-	-	51x80	10.3	51x80	10.3	51x100	11.4	51x100	11.4
1500	-	-	-	-	36x100	8.7	51x100	11.5	51x100	12.7	51x120	13.7	51x120	13.7
1800	-	-	-	-	36x100	9.5	51x100	13.9	51x100	13.9	51x145	15.8	51x145	15.8
2200	-	-	36x100	10.6	51x80	10.8	51x145	15.4	51x120	17.4	65x100	17.0	65x100	17.0
2700	-	-	36x121	12.7	51x80	12	51x145	19.3	51x145	18.8	65x100	20.2	65x100	20.2
3300	36x121	14	51x80	13.3	51x100	14.6	65x120	21.4	65x120	22.2	65x145	23.4	65x145	23.4
3890	51x80	14.4	51x80	14.4	51x120	17	65x145	24.2	65x145	25.4	77x100	25.6	77x100	25.6
4700	51x80	15.8	51x100	17.4	65x100	19.2	65x145	27.9	65x145	28.2	77x145	29.4	77x145	29.4
5600	51x100	19	51x120	20.4	65x100	21	77x120	30.7	77x145	32.2	77x157	34.6	77x157	34.6
6800	51x100	21	51x145	12.7	65x120	24.7	77x155	35.4	77x155	38.0	90x157	40.5	90x157	40.5
8200	51x120	24.7	65x100	25.4	65x120	27.1	77x155	41.7	90x157	44.4	90x157	44.6	90x157	44.6
10000	65x100	28	65x100	28	65x145	31.5	90x157	49	90x157	49.4	90x196	53.9	90x196	53.9
12000	65x100	30.6	77x100	32.6	77x120	34.8	90x157	54.1	90x196	59.1	90x236	63.8	90x236	63.8
15000	65x145	38.6	77x100	39	77x145	40.8	90x196	66.2	90x236	71.1	-	-	-	-
18000	65x145	42.2	77x145	44.6	77x155	57.8	86X236	76.9	-	-	-	-	-	-
22000	77x145	49.4	77x155	53	90x157	56.5	-	-	-	-	-	-	-	-
27000	77x145	54.7	90x145	58.2	-	-	-	-	-	-	-	-	-	-
33000	90x145	65.2	90x157	69	-	-	-	-	-	-	-	-	-	-
39000	90x157	75.3	-	-	-	-	-	-	-	-	-	-	-	-

Ripple current: 85°C, 100Hz or 120Hz