

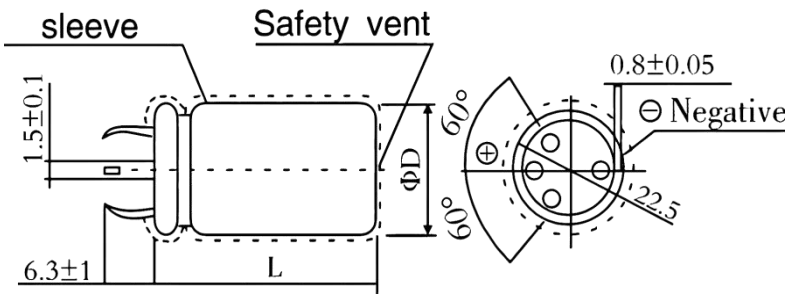
Features

- ◎ 2000h at +85℃, 焊针型, Snap-in Type
- ◎ 四角焊针型, 高可靠性 Snap-in terminal (4 pins), High reliability

Specifications

Item	Characteristics									
使用温度范围 Operating Temperature Range(℃)	-40 ~ +85						-25 ~ +85			
额定电压 Rated Voltage (V)	10 ~ 100						160 ~ 450			
标称容量 Nominal capacitance (μF)	220 ~ 100,000									
容量偏差 Capacitance Tolerance(20℃,120Hz)	±20%									
漏电流 Leakage current (μA)	I≤0.01CV or 1.5mA, which is smaller. (at 20℃ ,after 5 minutes)									
损耗角正切值 Dissipation Factor(20℃,120Hz)	WV(V) Cap(μF)	10~16	25	35~50	63	80~100	WV(V) φ(mm)	160~200	250~500	
	≤2700	-	-	0.2	0.15	0.15	35	0.12	0.15	
	3300~4700	-	0.35	0.25	0.2	0.15				
	5600~6800	0.4	0.35	0.3	0.2	0.2				
	≥8200	0.4	0.35	0.35	0.25	-				
耐久性 Load Life(+85℃)	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(+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



Frequency Coefficient

Frequency(Hz) Voltage	50	120	1k	10k	20k
10 ~ 50	0.95	1.00	1.10	1.15	1.15
63 ~ 100	0.95	1.00	1.16	1.30	1.33
160 ~ 500	0.95	1.00	1.20	1.50	1.55

Temperature Coefficient

Frequency(Hz) Voltage	+40	+60	+70	+85
< 160	2.10	1.80	1.50	1.00
≥ 160	1.70	1.50	1.30	1.00

Standard Ratings

WV(V)	10		16		25		35		50		63		80		100	
ΦDxL (mm)	Cap	Rip.	Cap	Rip.	Cap	Rip.	Cap	Rip.	Cap	Rip.	Cap	Rip.	Cap	Rip.	Cap	Rip.
	μF	(A)	μF	(A)	μF	(A)	μF	(A)	μF	(A)	μF	(A)	μF	(A)	μF	(A)
35x30	47000	6.0	33000	5.6	18000	4.4	12000	3.6	8200	3.0	5600	3.3	3900	3.2	2200	2.5
35x35	56000	6.8	39000	6.3	22000	5.0	15000	4.1	10000	3.4	6800	3.7	4700	3.6	3300	3.1
35x40	68000	7.7	47000	7.2	33000	6.5	18000	4.7	12000	3.8	8200	3.8	5600	3.5	3900	3.4
35x45	82000	8.7	56000	8.0	39000	7.5	22000	5.3	15000	4.5	10000	4.3	-	-	-	-
35x50	-	-	68000	8.5	47000	8.0	27000	6.0	18000	4.8	12000	4.8	6800	4.1	4700	4.0
35x60	-	-	82000	9.2	56000	8.4	33000	6.6	22000	5.0	15000	5.2	10000	5.0	6800	4.6
35x70	-	-	-	-	82000	8.9	39000	7.2	27000	5.2	18000	5.6	12000	5.4	8200	5.0
35x80	-	-	100000	10.6	100000	9.2	47000	8.0	33000	5.5	22000	6.0	15000	5.8	10000	5.5

WV(V)	160		180		200		250		315		350		400		450	
ΦDxL (mm)	Cap	Rip.	Cap	Rip.	Cap	Rip.	Cap	Rip.	Cap	Rip.	Cap	Rip.	Cap	Rip.	Cap	Rip.
	μF	(A)	μF	(A)	μF	(A)	μF	(A)	μF	(A)	μF	(A)	μF	(A)	μF	(A)
35x30	1000	2.7	820	2.5	820	2.5	680	2.6	390	1.6	330	1.6	270	1.5	220	1.3
35x35	1200	3.0	1000	2.8	1000	2.8	820	2.6	470	1.8	390	1.8	330	1.7	270	1.5
35x40	1500	3.5	1200	3.1	1200	3.2	1000	3.0	560	2.0	470	2.0	470	1.8	330	1.7
35x45	1800	3.9	1500	3.6	-	-	1200	3.4	680	2.3	560	2.3	560	2.1	390	1.9
35x50	2200	4.5	1800	4.1	1500	3.8	1500	3.8	1000	2.9	680	2.6	680	2.3	470	2.2
35x60	3300	5.0	2200	4.5	2200	4.2	1800	4.3	1200	3.4	1000	2.9	1000	2.6	680	2.6
35x70	3900	5.4	2700	4.9	2700	4.6	-	-	1500	3.8	1200	3.3	1200	3.0	820	2.9
35x80	4700	5.8	3300	5.3	3300	5.0	2200	4.8	1800	4.2	1500	3.7	1500	3.4	1000	3.2

(Rip.=Ripple current: 85°C, 100Hz or 120Hz)