

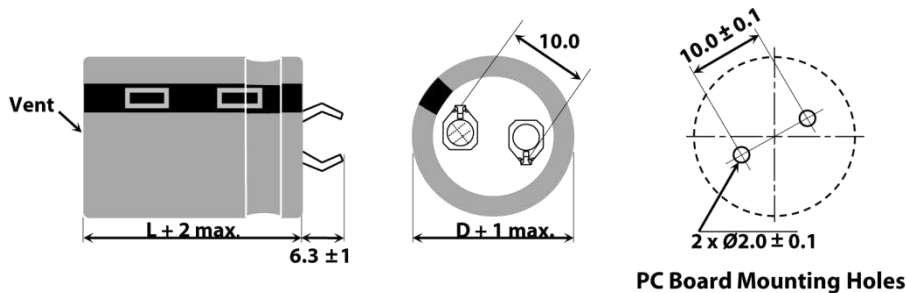
Features

- ◎ 5000h at +85℃, 焊针型, Snap-in Type
- ◎ 高纹波电流,长寿命 High ripple current, Long life

Specifications

Item	Characteristics									
使用温度范围 Operating Temperature Range(℃)	-40 ~ +85					-25 ~ +85				
额定电压 Rated Voltage (V)	16 ~ 400					450				
标称容量 Nominal capacitance (μF)	68 ~ 22000									
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)	Rated voltage (V)	10	16	25	35	50	63~100	160~250	315~450	
	tanδ	0.8	0.6	0.5	0.4	0.3	0.2	0.15	0.15	
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



Frequency Coefficient

Frequency(Hz) \ Voltage(v)	50	120	1k	10k	20k
≤50	0.95	1.00	1.10	1.15	1.15
63 ~ 100	0.95	1.00	1.16	1.30	1.33
≥160	0.90	1.00	1.20	1.50	1.55

Temperature Coefficient

Frequency(Hz) \ Coefficient		+40	+55	+70	+85
Voltage(v)	<160	2.10	1.80	1.51	1.00
	≥160	1.70	1.50	1.30	1.00

## Standard Ratings

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

WV(V)	10		16		25		35		50		63		80		100	
ΦDxL (mm)	Cap μF	Ripple (A)	Cap μF	Ripple (A)	Cap μF	Ripple (A)	Cap μF	Ripple (A)	Cap μF	Ripple (A)	Cap μF	Ripple (A)	Cap μF	Ripple (A)	Cap μF	Ripple (A)
22x30	15000	3.2	10000	2.6	6800	2.3	3900	2.1	2700	1.9	2200	2.0	1200	1.5	820	1.2
22x35	18000	3.6	12000	2.9	8200	2.6	5600	2.3	3900	2.1	2700	2.2	1800	1.9	1200	1.6
22x40	22000	4.0	15000	3.3	10000	2.9	6800	2.9	4700	2.4	3300	2.3	2200	2.1	1500	1.8
22x45	-	-	18000	3.8	12000	3.3	-	-	-	-	3900	2.5	-	-	-	-
22x50	-	-	22000	4.2	-	-	8200	2.8	5600	2.5	-	-	2700	2.5	1800	2.1
25x25	15000	3.1	10000	2.6	6800	2.3	4700	2.2	2700	1.9	2200	2.0	1500	1.7	1000	1.4
25x30	18000	3.6	15000	3.3	10000	2.8	5600	2.3	3900	2.1	2700	2.3	1800	1.9	1200	1.6
25x35	22000	4.1	18000	3.7	12000	3.2	6800	2.6	4700	2.4	3300	2.3	2200	2.2	1500	1.7
25x40	-	-	22000	4.2	15000	3.7	8200	2.8	5600	2.5	3900	2.6	2700	2.5	1800	2.0
25x45	-	-	-	-	-	-	1000	3.1	6800	2.8	5600	3.1	3300	2.8	2200	2.2
25x50	-	-	-	-	18000	4.3	12000	3.5	8200	3.2	-	-	3900	3.1	2700	2.6
30x30	-	-	22000	4.2	12000	3.4	8200	2.8	5600	2.5	3900	2.6	2700	2.5	1800	2.1
30x35	-	-	-	-	18000	4.2	10000	3.2	6800	2.8	5600	3.2	3300	2.8	2200	2.3
30x40	-	-	-	-	22000	4.8	12000	3.5	8200	3.0	6800	3.6	3900	3.2	2700	2.7
30x45	-	-	-	-	-	-	15000	4.1	10000	3.4	-	-	4700	3.6	3300	3.0
30x50	-	-	-	-	-	-	18000	4.6	12000	3.8	8200	3.7	5600	3.5	3900	3.4
35x30	-	-	-	-	18000	4.4	12000	3.6	8200	3.0	5600	3.3	3900	3.2	2200	2.5
35x35	-	-	-	-	22000	5.0	15000	4.1	10000	3.4	6800	3.7	4700	3.6	3300	3.1
35x40	-	-	-	-	-	-	18000	4.7	12000	3.8	8200	3.8	5600	3.5	3900	3.4
35x45	-	-	-	-	-	-	22000	5.3	-	-	10000	4.3	-	-	-	-
35x50	-	-	-	-	-	-	-	-	15000	4.5	12000	4.8	6800	4.1	4700	4.0

WV(V)	160		180		200		250		315		350		400		450	
ΦDxL (mm)	Cap μF	Ripple (A)	Cap μF	Ripple (A)	Cap μF	Ripple (A)	Cap μF	Ripple (A)	Cap μF	Ripple (A)	Cap μF	Ripple (A)	Cap μF	Ripple (A)	Cap μF	Ripple (A)
22x30	390	1.5	330	1.4	330	1.4	220	1.1	150	0.85	120	0.82	100	0.70	68	0.57
22x35	560	1.9	470	1.7	390	1.6	270	1.2	180	0.96	150	0.94	120	0.79	100	0.72
22x40	680	2.1	560	1.9	470	1.8	330	1.4	220	1.1	180	1.1	150	0.90	120	0.80
22x45	-	-	-	-	560	2.0	390	1.6	270	1.2	220	1.2	180	1.0	-	-
22x50	820	2.5	680	2.3	-	-	470	1.8	-	-	-	-	220	1.1	150	0.95
25x25	390	1.5	390	1.5	330	1.4	220	1.1	150	0.85	120	0.81	100	0.70	-	-
25x30	560	1.9	470	1.7	390	1.6	330	1.4	180	0.96	150	0.94	150	0.89	100	0.73
25x35	680	2.2	560	2.0	560	2.0	390	1.6	220	1.1	220	1.2	180	1.0	120	0.83
25x40	820	2.4	680	2.2	680	2.3	470	1.8	270	1.3	-	-	220	1.2	150	0.95
25x45	1000	2.7	820	2.5	-	-	560	2.0	330	1.4	270	1.4	270	1.3	180	1.1
25x50	1200	3.1	1000	2.9	820	2.6	-	-	390	1.6	330	1.6	-	-	220	1.2
30x25	560	2	470	1.8	470	1.9	330	1.5	220	1.1	180	1.1	150	0.95	-	-
30x30	680	2.5	680	2.3	560	2.1	470	1.8	270	1.6	220	1.2	180	1.1	150	0.98
30x35	1000	2.8	820	2.6	680	2.4	560	2.0	330	1.4	270	1.4	220	1.2	180	1.1
30x40	1200	3.2	1000	2.9	820	2.7	680	2.3	390	1.6	390	1.7	270	1.4	220	1.3
30x45	1500	3.7	1200	3.3	1000	3.1	820	2.6	170	1.8	470	2.0	330	1.6	270	1.4
30x50	-	-	-	-	1200	3.4	-	-	560	2.0	-	-	390	1.8	-	-
35x30	1000	2.7	820	2.5	820	2.5	680	2.4	390	1.6	330	1.6	270	1.6	220	1.3
35x35	1200	3	1200	3.1	1000	2.8	820	2.6	470	1.8	390	1.8	330	1.7	270	1.5
35x40	1500	3.5	-	-	1200	3.2	1000	3.0	560	2.0	470	2.0	390	1.8	-	-
35x45	1800	3.9	1500	3.6	-	-	1200	3.4	680	2.3	560	2.3	470	2.1	390	1.9
35x50	2200	4.5	1800	4.1	1500	3.8	-	-	-	-	680	2.6	560	2.3	470	2.2

Typical Curves

