

Features

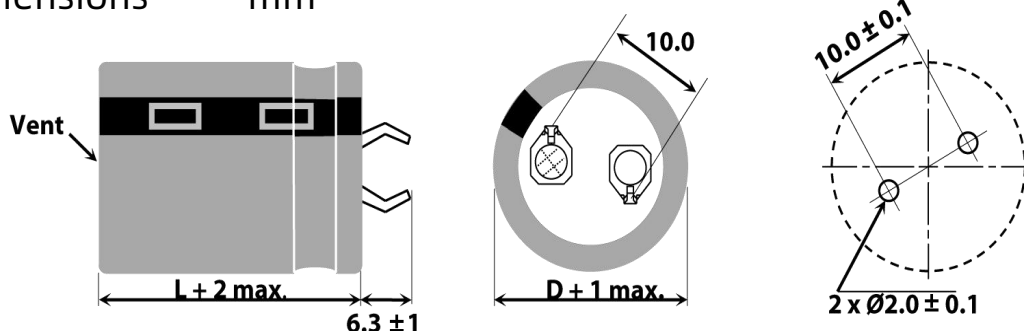
- ◎ 3000h at +85°C, 焊针型, Snap-in Type
- ◎ 高纹波电流 High ripple current



Specifications

Item	Characteristics									
使用温度范围 Operating Temperature Range(°C)	-40 ~ +105					-25 ~ +105				
额定电压 Rated Voltage (V)	16 ~ 200					250 ~ 450				
标称容量 Nominal capacitance (µF)	39 ~ 22,000									
容量偏差 Capacitance Tolerance(20°C,120Hz)	±20%									
漏电流 Leakage current (µA)	≤0.01CV or 1.5mA, which is smaller. (at 20°C ,after 5 minutes)									
损耗角正切值 Dissipation Factor(20°C,120Hz)	Rated voltage (V)	16	25	35	50	63	80	100	160~450	
	tanδ	0.5	0.4	0.35	0.3	0.25	0.2	0.2	0.16	
耐久性 Load Life(+85°C)	时间 time	3000小时3000 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°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



PC Board Mounting Holes

Frequency Coefficient

Frequency(Hz) Voltage(V)	50	60	120	1k	10k
16 ~ 100	0.88	0.90	1.00	1.15	1.15
160 ~ 250	0.85	0.88	1.00	1.15	1.20
400 ~ 450	0.88	0.90	1.00	1.10	1.15

Temperature Coefficient

Temperature(°C)	+40	+55	+70	+85
Coefficient	2.10	1.80	1.51	1.00

Standard Ratings

WV(V)	16		25		35		50		63		80		100	
ΦDxL (mm)	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)
22x25	4700	1.4	3300	1.3	2200	1.1	1200	0.96	820	0.92	560	0.76	390	0.64
22x30	6800	1.8	4700	1.6	2700	1.3	1800	1.2	1200	1.2	820	0.96	560	0.80
22x35	8200	2.0	5600	1.8	3900	1.6	2200	1.4	1500	1.3	1000	1.10	680	0.92
22x40	10000	2.3	6800	2.0	4700	1.9	2700	1.6	1800	1.5	1200	1.20	820	1.00
22x50	15000	2.9	10000	2.6	6800	2.4	-	-	2200	1.7	1800	1.60	1200	1.30
25x25	6800	1.8	4700	1.6	3300	1.3	1800	1.2	1200	1.1	820	0.96	560	0.80
25x30	10000	2.2	5600	1.8	3900	1.6	2700	1.5	1500	1.3	1000	1.10	680	0.92
25x35	12000	2.5	8200	2.2	5600	2.0	3300	1.8	1800	1.5	1500	1.40	1000	1.10
25x40	15000	2.9	10000	2.6	6800	2.3	-	-	-	-	1800	1.60	-	-
25x50	18000	3.3	12000	2.9	8200	2.7	5600	2.5	3300	2.2	2200	1.80	1500	1.50
30x25	10000	2.3	6800	2.0	4700	1.9	2700	1.6	1500	1.4	1200	1.30	820	1.00
30x30	12000	2.6	8200	2.3	5600	2.1	3300	1.8	2200	1.7	1500	1.50	1000	1.20
30x35	18000	3.3	12000	2.9	8200	2.9	4700	2.3	2700	2.0	1800	1.60	1200	1.40
30x40	22000	3.7	15000	3.3	10000	3.0	5600	2.5	3300	2.3	2200	1.90	1500	1.60
30x50	-	-	18000	3.8	12000	3.4	6800	2.9	4700	2.8	3300	2.30	2200	2.00
35x25	12000	2.7	8200	2.4	5600	2.2	3300	1.8	2200	1.8	1500	1.50	1000	1.30
35x30	18000	3.4	12000	3.0	8200	2.8	4700	2.4	2700	2.1	2200	1.90	1200	1.40
35x35	22000	3.9	15000	3.5	10000	3.1	5600	2.7	-	-	2700	2.20	1800	1.80
35x40	-	-	18000	3.9	12000	3.5	6800	3.0	4700	2.9	3300	2.40	2200	2.00
35x50	-	-	-	-	18000	4.5	10000	3.8	6800	3.6	4700	3.20	2700	2.30

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)
22x25	180	0.65	180	0.65	150	0.60	100	0.45	56	0.34	56	0.37	39	0.32	56	0.30
22x30	270	0.83	220	0.75	220	0.76	150	0.58	82	0.43	82	0.47	56	0.39	68	0.31
22x35	330	0.94	270	0.86	270	0.87	180	0.65	120	0.53	100	0.53	68	0.45	100	0.45
22x40	390	1.10	390	1.10	330	0.99	220	0.75	150	0.61	120	0.60	82	0.51	120	0.55
22x50	560	1.3	470	1.2	470	1.2	330	0.96	180	0.71	180	0.78	120	0.64	150	0.60
25x25	270	0.82	220	0.75	220	0.76	150	0.58	82	0.42	68	0.43	56	0.40	82	0.35
25x30	390	1.0	330	0.96	270	0.87	220	0.73	120	0.53	100	0.54	68	0.46	100	0.45
25x35	470	1.20	390	1.10	390	1.10	270	0.83	150	0.62	120	0.61	100	0.57	120	0.55
25x40	560	1.3	470	1.2	470	1.3	330	0.95	-	-	180	0.77	120	0.63	150	0.60
25x50	820	1.70	680	1.50	560	1.40	470	1.20	270	0.89	220	0.89	150	0.75	220	0.80
30x25	390	1.1	330	1.0	270	0.92	220	0.77	120	0.56	100	0.57	82	0.53	120	0.55
30x30	560	1.30	470	1.20	390	1.10	270	0.88	180	0.71	150	0.72	100	0.61	150	0.60
30x35	680	1.5	560	1.4	560	1.4	390	1.1	220	0.80	180	0.82	150	0.77	180	0.70
30x40	820	1.70	680	1.60	680	1.60	470	1.20	270	0.92	220	0.93	180	0.87	220	0.80
30x50	1000	2.0	1000	2.0	820	1.8	560	1.4	390	1.20	330	1.2	220	1.0	330	1.0
35x25	470	1.30	390	1.20	390	1.20	270	0.93	180	0.74	150	0.77	100	0.65		
35x30	680	1.6	560	1.5	560	1.5	390	1.2	220	0.84	220	0.97	150	0.83	220	0.80
35x35	820	1.80	820	1.80	680	1.70	470	1.30	330	1.10	270	1.10	180	0.93	270	0.90
35x40	1000	2.0	1000	2.1	820	1.9	560	1.5	390	1.2	330	1.3	220	1.1	330	1.00
35x50	1500	2.60	1200	2.40	1200	2.40	820	1.90	470	1.40	470	1.60	330	1.30	390	1.20

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