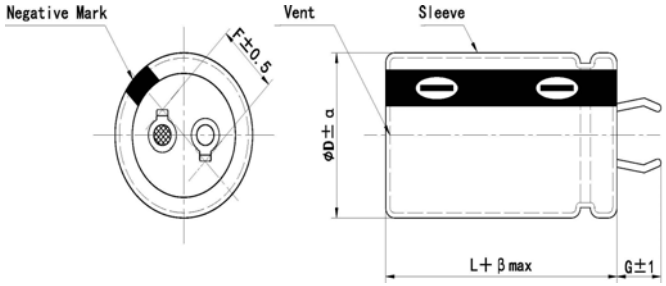
Features

- 105℃，4000 hours， snap-in terminal，Long life。
- Suitable for using in LED power，control power，special power high ripple filtering.

◆ Specifications

Items	Characteristics
Rated Voltage Range	200～450V.DC
Operating Temperature Range	－40℃～＋105℃
Capacitance Tolerance	±10%(K) ， ±20%(M) (25℃,100 or 120Hz)
Leakage Current	$I \leqq 3\sqrt{CV}$ Where,I:Max.leakage current (μA),C:Nominal capacitance (μF),V:Rated voltage (V) (at 25℃ after 2 minutes)
Dissipation Factor (tanδ)	(25℃,100 or 120Hz) Rated voltage(V_{dc}) | 200 | 250～450 tanδ(Max.) | 0.15 | 0.20
Low Temperature Characteristics (Max.Impedance Ratio)	Impedance ratio at 100Hz or 120Hz shall not exceed the values given in the below table. Rataed voltage(V_{dc}) | 200～450 $Z_{-40℃}/Z_{+20℃}$ | 7
Shelf Life	After storage at 105℃ for 1000 hours, the capacitors shall meet the following requirements. Capacitance Change | ≤±20％ of the initial value D.F. (tanδ) | ≤200% of the initial specified value Leakage Current | ≤200% of the initial specified value
Load Life	After application of rated voltage with ripple current for 4000 hours at +105℃,the following specification shall be satisfied. Capacitance Change | ≤±20％ of the initial value D.F. (tanδ) | ≤200% of the initial specified value Leakage Current | ≤the initial specified value
Others	Meet Q/RME 49-2008， GB/T 5993-2003

◆ Dimensions



mm

D	22	25	30	35
F	10			
G	6.0			
α	1.0			
β	2.0			

◆ Size and Max Ripple Current

Voltage（V）	Capacitance（μF）	Size ΦD×L（mm）	tanδ	I_R (Arms,105℃, 100/120Hz)
16	6800	22×30	0.22	2.39
	10000	22×35	0.24	2.97
	15000	22×40	0.34	3.56
	22000	25×45	0.36	4.57
	33000	30×50	0.44	5.96
	47000	35×50	0.62	6.77
25	4700	22×30	0.20	2.09
	5600	22×35	0.20	2.43
	6800	22×40	0.22	2.71
	10000	25×40	0.24	3.38
	15000	30×40	0.30	4.25
	22000	30×50	0.36	5.30
	33000	35×50	0.44	6.50
35	3300	22×25	0.15	1.87
	4700	22×35	0.15	2.57
	6800	25×35	0.17	3.04
	10000	25×45	0.19	3.90
	15000	30×50	0.25	4.95
	22000	35×45	0.31	6.26
50	2200	22×30	0.15	1.71
	3300	22×40	0.15	2.36
	4700	25×35	0.15	2.86
	6800	25×45	0.17	3.48
	10000	30×50	0.19	4.90
	15000	35×50	0.25	6.04
63	1000	22×25	0.15	1.15
	2200	22×40	0.15	2.08
	3300	25×40	0.15	2.74
	4700	30×40	0.15	3.64
	6800	30×50	0.17	4.45
	10000	35×50	0.19	5.90
80	1000	22×30	0.12	1.43
	2200	22×40	0.12	2.28
	3300	25×40	0.12	3.01
	4700	35×40	0.12	3.68
	6800	35×50	0.14	4.70
100	1000	25×30	0.12	1.47
	2200	25×50	0.12	2.71
	2700	30×40	0.12	3.02
	3300	30×50	0.12	3.67
	3300	35×40	0.12	3.65
	4700	35×50	0.12	4.37

Voltage（V）	Capacitance（μF）	Size ΦD×L（mm）	tanδ	I_R (Arms,105℃, 100/120Hz)
160	220	22×25	0.15	0.88
	330	22×40	0.15	1.32
	470	25×35	0.15	1.60
	560	25×45	0.15	1.84
	680	25×35	0.15	1.82
	680	25×45	0.15	2.03
	820	30×50	0.15	2.47
	820	35×35	0.15	2.33
	1000	30×40	0.15	2.48
	1500	30×50	0.15	3.20
200	220	22×30	0.15	1.01
	330	22×35	0.15	1.24
	470	25×40	0.15	1.60
	680	25×45	0.15	1.94
	820	30×40	0.15	2.15
	1000	30×50	0.15	2.61
	1500	35×50	0.15	3.49
250	220	25×30	0.20	0.97
	330	25×35	0.20	1.27
	470	30×40	0.20	1.78
	680	30×50	0.20	2.36
	820	35×40	0.20	2.57
	1000	35×50	0.20	3.12
400	100	22×35	0.20	0.65
	150	25×40	0.20	0.91
	180	30×25	0.20	0.91
	220	25×45	0.20	1.16
	270	30×40	0.20	1.29
	330	30×50	0.20	1.57
	470	35×50	0.20	2.04
	560	35×60	0.20	2.31
	680	35×70	0.20	2.72
450	68	22×35	0.20	0.54
	100	25×40	0.20	0.74
	150	30×35	0.20	0.95
	180	30×40	0.20	1.05
	220	30×50	0.20	1.28
	270	35×40	0.20	1.41
	330	35×50	0.20	1.64
	470	35×60	0.20	2.11
	560	35×60	0.20	2.31
	680	35×70	0.20	2.72

◆ Ripple Current Multiplier

Frequency Coefficient

Frequency（Hz）	50/60	100/120	1K	≥10K
Coefficient	0.8	1.0	1.25	1.45