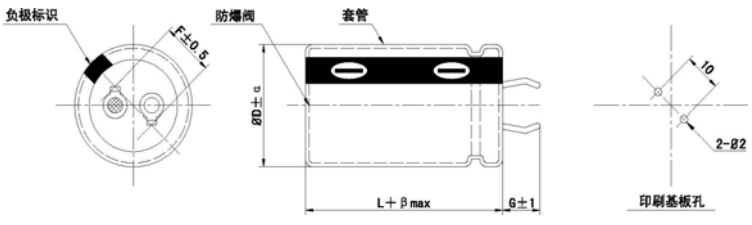
Features

- 105℃，2000 hours， snap-in terminal
- Suitable for using in filtering circuit of color TV, computer and home appliances,

◆ Specifications

Items	Characteristics
Rated Voltage Range	50～450V.DC
Operating Temperature Range	－40℃～＋105℃
Capacitance Tolerance	±10%(K) ， ±20%(M) (25℃,100 or 120Hz)
Leakage Current	I≤0.02CV or 3mA,whichever is greater. 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}) 50～63 | 80～100 | 160～200 | 250～450 tanδ(Max.) 0.25 | 0.20 | 0.18 | 0.20 When nominal capacitance exceeds 4700μF,add 0.02 to the value above for each 2000μF increase.
Low Temperature Characteristics (Max.Impedance Ratio)	Impedance ratio at 100Hz or 120Hz shall not exceed the values given in the below table. Rated voltage(V_{dc}) 50～100 | 160～180 | 200～450 $Z_{-40℃}/Z_{+20℃}$ 6 | 4 | 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 2000hours 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 132—2011， 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	IR (mArms，105℃，100KHz)
50	4700	30×30	0.25	4.6
63	4700	22×50	0.25	4.8
	4700	22×60	0.25	5.21
	4700	25×50	0.25	5.15
	6800	35×35	0.27	6.46
	10000	35×60	0.29	9.36
75	4700	22×60	0.25	4.97
80	1000	22×30	0.20	1.86
	1500	25×25	0.20	2.17
	2200	22×40	0.20	3.13
	2200	25×30	0.20	2.98
	3300	25×50	0.20	4.54
	3300	30×30	0.20	4.07
	3900	22×60	0.20	5.01
	4700	30×50	0.20	6.01
	6800	25×65	0.22	6.97
	10000	35×70	0.24	10.5
100	1000	22×40	0.20	2.00
	1200	22×50	0.20	2.42
	1800	22×50	0.20	2.96
	1800	25×35	0.20	2.73
	2200	22×50	0.20	3.28
	2200	22×60	0.20	3.56
	2700	30×40	0.20	3.93
	3300	35×35	0.20	4.50
160	330	30×25	0.18	1.47
	470	25×35	0.18	1.80
	1000	30×30	0.18	2.75
	1200	30×50	0.18	3.72
	1500	30×50	0.18	4.16
	1800	30×50	0.18	4.55
	2200	35×50	0.18	4.68
	2200	35×60	0.18	5.94
180	3300	35×60	0.18	6.51
	3800	35×70	0.18	6.83
200	330	22×35	0.18	1.50
	470	30×30	0.18	1.88
	470	35×30	0.18	2.21
	560	22×40	0.18	2.07
	560	25×35	0.18	2.10
	680	25×45	0.18	2.58
	680	30×30	0.18	3.42
	1000	30×50	0.18	3.63

Voltage（V）	Capacitance（μF）	Size ΦD×L（mm）	tanδ	IR (mArms，105℃，100KHz)
200	1000	35×30	0.18	3.21
	1200	30×45	0.18	3.80
	1200	30×50	0.18	3.98
	1500	30×60	0.18	4.82
	1500	35×50	0.18	5.24
	2200	30×70	0.18	6.24
	2200	35×70	0.18	6.80
	3300	35×70	0.18	8.33
250	220	22×35	0.20	1.22
	330	25×35	0.20	1.61
	330	30×30	0.20	1.68
	4700	30×35	0.20	2.00
	4700	35×30	0.20	2.21
	6800	30×40	0.20	2.72
	6800	30×50	0.20	2.99
	1000	30×70	0.20	4.20
400	100	22×30	0.20	0.77
	100	25×20	0.20	0.71
	120	25×25	0.20	0.84
	120	30×25	0.20	0.95
	150	30×25	0.20	1.05
	220	25×40	0.20	1.40
	220	25×45	0.20	1.47
	330	30×40	0.20	1.89
	470	35×50	0.20	2.72
	560	35×50	0.20	2.96
	1000	35×70	0.20	4.58
	1000	35×80	0.20	4.86
450	100	22×35	0.20	0.89
	100	25×30	0.20	0.90
	150	25×35	0.20	1.17
	150	30×30	0.20	1.23
	180	35×30	0.20	1.47
	220	30×35	0.20	1.58
	220	35×30	0.20	1.64
	270	35×30	0.20	1.80
	330	30×50	0.20	2.25
	330	35×35	0.20	2.12
	470	35×50	0.20	2.93
	560	35×50	0.20	3.20
	680	35×60	0.20	3.81

◆ Ripple Current Multiplier

Frequency Coefficient

Frequency（Hz）	50/60	100/120	1K	≥10K
50～100V	0.9	1.0	1.15	1.25
160～450V	0.8	1.0	1.25	1.45