

# Features

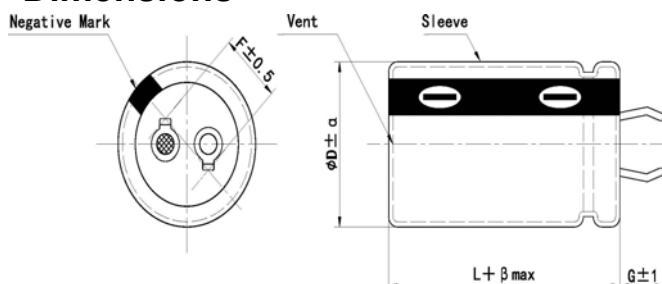
- 105°C, 4000 hours, snap-in terminal, Long life.
- Suitable for using in LED power, control power, special power high ripple filtering.



## ◆ Specifications

Items	Characteristics						
Rated Voltage Range	200~450V.DC						
Operating Temperature Range	-40°C~+105°C						
Capacitance Tolerance	±10%(K) , ±20%(M) (25°C,100 or 120Hz)						
Leakage Current	$I \leq 3\sqrt{CV}$ Where,I:Max.leakage current (μA),C:Nominal capacitance (μF),V:Rated voltage (V) (at 25°C after 2 minutes)						
Dissipation Factor (tanδ)	(25°C,100 or 120Hz)						
	<table border="1"> <tr> <td>Rated voltage(V<sub>dc</sub>)</td> <td>200</td> <td>250~450</td> </tr> <tr> <td>tanδ(Max.)</td> <td>0.15</td> <td>0.20</td> </tr> </table>	Rated voltage(V <sub>dc</sub> )	200	250~450	tanδ(Max.)	0.15	0.20
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Low Temperature Characteristics (Max.Impedance Ratio)	Impedance ratio at 100Hz or 120Hz shall not exceed the values given in the below table.						
	<table border="1"> <tr> <td>Rataed voltage(V<sub>dc</sub>)</td> <td>200~450</td> </tr> <tr> <td>Z<sub>-40°C</sub>/Z<sub>+20°C</sub></td> <td>7</td> </tr> </table>	Rataed voltage(V <sub>dc</sub> )	200~450	Z <sub>-40°C</sub> /Z <sub>+20°C</sub>	7		
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Shelf Life	After storage at 105°C for 1000 hours, the capacitors shall meet the following requirements.						
	<table border="1"> <tr> <td>Capacitance Change</td> <td>≤±20% of the initial value</td> </tr> <tr> <td>D.F. (tanδ)</td> <td>≤200% of the initial specified value</td> </tr> <tr> <td>Leakage Current</td> <td>≤200% of the initial specified value</td> </tr> </table>	Capacitance Change	≤±20% of the initial value	D.F. (tanδ)	≤200% of the initial specified value	Leakage Current	≤200% of the initial specified value
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Leakage Current	≤the initial specified value						
Load Life	After application of rated voltage with ripple current for 4000 hours at +105°C,the following specification shall be satisfied.						
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 <sub>R</sub> (Arms, 105°C, 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
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 <sub>R</sub> (Arms, 105°C, 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
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
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
450	680	35×70	0.20	2.72
	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

### ◆ Ripple Current Multiplier

Frequency Coefficient

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